

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

EXPERIMENTAL

(Nature of Service)

WG9XVJ

(Call Sign)

XT MO

(Class of Station)

0658-EX-ST-2013

(File Number)

NAME Panasonic Avionics 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:  
EMI testing

Station Locations

- (1) MOBILE: Dallas Fort Worth International Airport, TX 75261, within 1 km, centered around NL 32-53-49; WL 97-02-17

Frequency Information

MOBILE: Dallas Fort Worth International Airport, TX 75261, within 1 km, centered around NL 32-53-49; WL 97-02-17

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 410-420 MHz     | MO            | 1M00N0N             | 13.7 W (ERP)     |                           |
| 450-460 MHz     | MO            | 1M00N0N             | 13.7 W (ERP)     |                           |
| 450.4-457.6 MHz | MO            | 1M00P0N             | 29.5 W (ERP)     |                           |

This authorization effective August 15, 2013 and  
will expire 3:00 A.M. EST February 12, 2014

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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|-------------------|---------------|---------------------|------------------|---------------------------|
| 479-484 MHz       | MO            | 1M00N0N             | 13.7 W (ERP)     |                           |
| 776-794 MHz       | MO            | 1M00N0N             | 13.7 W (ERP)     |                           |
| 806-849 MHz       | MO            | 1M00N0N             | 13.7 W (ERP)     |                           |
| 824-849 MHz       | MO            | 1M00N0N             | 13.7 W (ERP)     |                           |
| 824-849 MHz       | MO            | 1M00P0N             | 29.5 W (ERP)     |                           |
| 870-925 MHz       | MO            | 1M00N0N             | 13.7 W (ERP)     |                           |
| 876-915 MHz       | MO            | 1M00P0N             | 29.5 W (ERP)     |                           |
| 1613.8-1626.5 MHz | MO            | 1M00P0N             | 13.7 W (ERP)     |                           |
| 1710-1785 MHz     | MO            | 1M00N0N<br>1M00P0N  | 13.7 W (ERP)     |                           |
| 1850-1910 MHz     | MO            | 1M00N0N<br>1M00P0N  | 13.7 W (ERP)     |                           |

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|---------------|---------------|---------------------|------------------|---------------------------|
| 1900-1920 MHz | MO            | 1M00P0N             | 1.8 W (ERP)      |                           |
| 1920-1980 MHz | MO            | 1M00N0N             | 13.7 W (ERP)     |                           |
| 2010-2025 MHz | MO            | 1M00P0N             | 1.8 W (ERP)      |                           |
| 2110-2170 MHz | MO            | 1M00N0N             | 1.8 W (ERP)      |                           |
| 2400-2497 MHz | MO            | 1M00P0N             | 2.9 W (ERP)      |                           |
| 2500-2685 MHz | MO            | 1M00P0N<br>1M00N0N  | 13.7 W (ERP)     |                           |
| 3400-3600 MHz | MO            | 1M00P0N<br>1M00N0N  | 13.7 W (ERP)     |                           |
| 5150-5250 MHz | MO            | 1M00P0N             | 2.9 W (ERP)      |                           |
| 5250-5350 MHz | MO            | 1M00P0N             | 2.9 W (ERP)      |                           |
| 5470-5725 MHz | MO            | 1M00P0N             | 2.9 W (ERP)      |                           |

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|---------------|---------------|---------------------|------------------|---------------------------|
| 5725-5825 MHz | MO            | 1M00P0N             | 2.9 W (ERP)      |                           |

## Special Conditions:

- (1) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (3) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (4) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, [executivedir@sbe.org](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (5) Panasonic Aviation must notch out the following frequencies:
  - 410.3000 MHz +/- 12.5 kHz
  - 410.9500 MHz +/- 16 kHz
  - 412.9375 MHz +/- 12.5 kHz
  - 413.0625 MHz +/- 12.5 kHz
  - 413.1125 MHz +/- 12.5 kHz
  - 418.5750 MHz +/- 12.5 kHz
  - 419.0250 MHz +/- 12.5 kHz
  - 5608 +/- 15 MHz