

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

EXPERIMENTAL

(Nature of Service)

WF9XGL

(Call Sign)

XT MO

(Class of Station)

0671-EX-ST-2011

(File Number)

NAME Panasonic Aeronautics 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: Temporary fixed, parked aircraft on ground at airfield, within 1 km, centered around NL 28-06-10; WL 80-38-43

Frequency Information

MOBILE: Temporary fixed, parked aircraft on ground at airfield, within 1 km, centered around NL 28-06-10; WL 80-38-43

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 December 01, 2011 and
will expire 3:00 A.M. EST June 02, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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	1M00N0N 1M00P0N	1.8 W (ERP)	
824-849 MHz	MO	1M00P0N	29.5 W (ERP)	
824-849 MHz	MO	1M00P0N	7.4 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)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	MO	1M00N0N 1M00P0N	13.7 W (ERP)	
1850-1910 MHz	MO	1M00N0N 1M00P0N	13.7 W (ERP)	
1850-1910 MHz	MO	1M00N0N 1M00P0N	1.8 W (ERP)	
1850-1910 MHz	MO	1M00P0N	7.4 W (ERP)	
1900-1920 MHz	MO	1M00P0N	1.8 W (ERP)	
1920-1980 MHz	MO	1M00N0N	13.7 W (ERP)	
1920-1980 MHz	MO	1M00N0N	1.8 W (ERP)	
2010-2025 MHz	MO	1M00P0N	1.8 W (ERP)	
2110-2170 MHz	MO	1M00N0N	1.8 W (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2497 MHz	MO	1M00P0N	2.9 W (ERP)	
2500-2685 MHz	MO	1M00N0N 1M00P0N	13.7 W (ERP)	
3400-3600 MHz	MO	1M00N0N 1M00P0N	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)	
5725-5825 MHz	MO	1M00P0N	2.9 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (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) A stop buzzer contact shall be available during testing in case of interference. Bassam Chamas at 949-505-3084 or Dave Cross at 708-572-9062.

Special Conditions:

- (5) Licensee must notch out the following frequencies:
 - a. 410.075 MHz +/- 8 kHz
 - b. 412.975 MHz +/- 6 kHz
 - c. 413.000 MHz +/- 6 kHz
 - d. 413.025 MHz +/- 6 kHz
 - e. 413.1125 MHz +/- 6 kHz
 - f. 415.3625 MHz +/- 6 kHz
 - g. 415.7625 MHz +/- 6 kHz
 - h. 416.1625 MHz +/- 6 kHz
 - i. 416.325 MHz +/- 8 kHz
 - j. 418.9 MHz +/- 8 kHz
 - k. 5625 MHz +/- 4MHz
 - l. 5640 MHz +/- 2 MHz

- (6) Licensee should coordinate with Fixed Microwave licensees in the test site areas to prevent interference with fixed point to point paths and with possible Temporary Fixed/Mobile point-to-point paths