

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

EXPERIMENTAL

(Nature of Service)

WE9XVM

(Call Sign)

XT MO

(Class of Station)

0224-EX-ST-2011

(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:

Testing electronics on aircraft

Station Locations

- (1) MOBILE: Temporary fixed, parked aircraft on ground at airfield, within 1 km, centered around NL 33-18-46; WL 104-30-38

Frequency Information

MOBILE: Temporary fixed, parked aircraft on ground at airfield, within 1 km, centered around NL 33-18-46; WL 104-30-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
410-420 MHz	MO	NON	13.7 W (ERP)	
450-460 MHz	MO	NON	13.7 W (ERP)	
450.4-457.6 MHz	MO	P0N	29.5 W (ERP)	

This authorization effective April 18, 2011 and
will expire 3:00 A.M. EST October 16, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
479-484 MHz	MO	N0N	13.7 W (ERP)	
776-794 MHz	MO	N0N	13.7 W (ERP)	
806-849 MHz	MO	N0N	13.7 W (ERP)	
806-849 MHz	MO	P0N	29.5 W (ERP)	
824-849 MHz	MO	P0N	7.4 W (ERP)	
824-849 MHz	MO	P0N N0N	1.8 W (ERP)	
870-925 MHz	MO	N0N	13.7 W (ERP)	
876-915 MHz	MO	P0N	29.5 W (ERP)	
1477-1501 MHz	MO	P0N	13.7 W (ERP)	
1613.8-1626.5 MHz	MO	P0N	13.7 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	MO	P0N N0N	13.7 W (ERP)	
1850-1910 MHz	MO	P0N N0N	13.7 W (ERP)	
1850-1910 MHz	MO	P0N N0N	1.8 W (ERP)	
1850-1910 MHz	MO	P0N	7.4 W (ERP)	
1900-1920 MHz	MO	P0N	1.8 W (ERP)	
1920-1980 MHz	MO	N0N	13.7 W (ERP)	
1920-1980 MHz	MO	N0N	1.8 W (ERP)	
2010-2025 MHz	MO	P0N	1.8 W (ERP)	
2110-2170 MHz	MO	N0N	1.8 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.4835 GHz	MO	P0N	2.9 W (ERP)	
2.445-2.475 GHz	MO	P0N	2.9 W (ERP)	
2.445-2.475 GHz	MO	P0N N0N	13.7 W (ERP)	
2.4465-2.4835 GHz	MO	P0N	2.9 W (ERP)	
2.471-2.497 GHz	MO	P0N	2.9 W (ERP)	
5.15-5.25 GHz	MO	P0N	2.9 W (ERP)	
5.25-5.35 GHz	MO	P0N	2.9 W (ERP)	
5.725-5.825 GHz	MO	P0N	2.9 W (ERP)	

Special Conditions:

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (3) 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.

Special Conditions:

- (4) Licensee must coordinate with the Area Frequency Coordinator, 505-678-5417, dod@wsmr.army.mil prior to conducting the open air portion of the test.
- (5) Licensee must notch out 410.95 MHz +/- 8 kHz
- (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
- (7) Licensee is aware that cell phones operating in the 1755-1785 MHz band are not authorized by the FCC in the US and testing is solely for determining interference to avionics equipment.