

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

EXPERIMENTAL

(Nature of Service)

WF9XYW

(Call Sign)

XT MO

(Class of Station)

0655-EX-ST-2012

(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:

Panasonic, in conjunction, with its partners, desires to test its eXPhone picocell system for eventual authorization and operation onboard foreign and domestic registered aircraft, as may be

Station Locations

- (1) MOBILE: Temporary fixed, parked aircraft on ground at airfield, within 0.5 km, centered around NL 28-06-10; WL 80-38-43
- (2) MOBILE: Temporary fixed, parked aircraft on ground at airfield, within 0.5 km, centered around NL 43-14-01; WL 75-24-25

Frequency Information

MOBILE: Temporary fixed, parked aircraft on ground at airfield, within 0.5 km, centered around NL 28-06-10; WL 80-38-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	MO	20M0DXN	0.12303 mW (ERP)	
869-894 MHz	MO	25M0DXN	0.35481 mW (ERP)	

This authorization effective October 09, 2012 and
will expire 3:00 A.M. EST April 09, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary fixed, parked aircraft on ground at airfield, within 0.5 km, centered around NL 28-06-10; WL 80-38-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
921-960 MHz	MO	39M0DXN	0.35481 mW (ERP)	
1805-1880 MHz	MO	75M0DXN	0.39811 mW (ERP)	
2110-2170 MHz	MO	60M0DXN	0.72444 mW (ERP)	

MOBILE: Temporary fixed, parked aircraft on ground at airfield, within 0.5 km, centered around NL 43-14-01; WL 75-24-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	MO	20M0DXN	0.12303 mW (ERP)	
869-894 MHz	MO	25M0DXN	0.35481 mW (ERP)	
921-960 MHz	MO	39M0DXN	0.35481 mW (ERP)	
1805-1880 MHz	MO	75M0DXN	0.39811 mW (ERP)	
2110-2170 MHz	MO	60M0DXN	0.72444 mW (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.

Special Conditions:

- (2) 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.