

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

EXPERIMENTAL

(Nature of Service)

WI9XPM

(Call Sign)

XT MO

(Class of Station)

0438-EX-ST-2015

(File Number)

NAME Harris 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 utilizing a family of wideband tactical radios.

Station Locations

- (1) MOBILE: Columbia, MD, within 50 km, centered around NL 39-11-12; WL 76-48-34
- (2) MOBILE: Ellicott City, MD, within 50 km, centered around NL 39-14-20; WL 76-51-38

Frequency Information

MOBILE: Columbia, MD, within 50 km, centered around NL 39-11-12; WL 76-48-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
232.375 MHz	MO	1M20W9W	50 W (ERP)	0.005 %
241.25 MHz	MO	1M20W9W	50 W (ERP)	0.005 %
428 MHz	MO	5M00W9W	50 W (ERP)	0.005 %

This authorization effective June 01, 2015 and
will expire 3:00 A.M. EST December 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Columbia, MD, within 50 km, centered around NL 39-11-12; WL 76-48-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
488 MHz	MO	5M00W9W	50 W (ERP)	0.005 %
1375 MHz	MO	5M00W9W	50 W (ERP)	0.005 %
1850 MHz	MO	5M00W9W	50 W (ERP)	0.005 %

MOBILE: Ellicott City, MD, within 50 km, centered around NL 39-14-20; WL 76-51-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
232.375 MHz	MO	1M20W9W	50 W (ERP)	0.005 %
241.25 MHz	MO	1M20W9W	50 W (ERP)	0.005 %
428 MHz	MO	5M00W9W	50 W (ERP)	0.005 %
488 MHz	MO	5M00W9W	50 W (ERP)	0.005 %
1375 MHz	MO	5M00W9W	50 W (ERP)	0.005 %
1850 MHz	MO	5M00W9W	50 W (ERP)	0.005 %

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) NTIA certification for the PRC152A does not support a 5 MHz bandwidth for the frequency bands requested and this bandwidth cannot be supported within the 225 - 399.9 MHz band.
- (5) NTIA certification for the PRC117G only supports the 5 MHz bandwidth in the 1370 - 1390 MHz and 1755 - 1850 MHz bands. The 5 MHz bandwidth requested in the 225 - 399.9 MHz bands requested are not supportable.
- (6) Support for the PRC117G is possible at 1.2 MHz, however 232 MHz would need to be changed to 232.375 and 362 MHz would need to be changed to 241.250 MHz.
- (7) Harris Corporation must ensure that within the 1370 - 1390 MHz band, emissions are not transmitted below 1370 MHz.