

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

EXPERIMENTAL

(Nature of Service)

WK9XUE

(Call Sign)

XC MO

(Class of Station)

1621-EX-ST-2016

(File Number)

NAME REL M Wireless Corp. - BK Radio

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:

To prove that the RELM equipment meets the requirements of the customer, the RELM equipment needs to be tested at the customers site using their infrastructure.

Station Locations

- (1) MOBILE: Fort Benning, KS, within 10 km, centered around NL 32-23-22; WL 84-49-46
- (2) MOBILE: Fort Leavenworth, KS, within 10 km, centered around NL 39-21-25; WL 94-54-55
- (3) MOBILE: Fort Polk, LA, within 10 km, centered around NL 30-59-15; WL 93-03-00
- (4) MOBILE: Fort Belvoir, VA, within 10 km, centered around NL 38-41-34; WL 77-09-43
- (5) MOBILE: Rock Island, IL, within 10 km, centered around NL 41-31-08; WL 90-32-30
- (6) MOBILE: Fort Bliss, TX, within 10 km, centered around NL 32-18-47; WL 106-46-08
- (7) MOBILE: Fort Bragg, NC, within 10 km, centered around NL 35-08-17; WL 79-00-27
- (8) MOBILE: Anniston AD, AL, within 10 km, centered around NL 33-39-08; WL 85-57-44
- (9) MOBILE: Fort Lee, VA, within 10 km, centered around NL 37-14-06; WL 77-19-58
- (10) MOBILE: Hunter-Liggett, CA, within 10 km, centered around NL 35-57-08; WL 121-13-50
- (11) MOBILE: Fort Gordon, GA, within 10 km, centered around NL 33-21-02; WL 82-14-20
- (12) MOBILE: Fort Rucker, AL, within 10 km, centered around NL 31-23-29; WL 85-44-20
- (13) MOBILE: Fort Campbell, KY, within 10 km, centered around NL 36-39-00; WL 87-28-00
- (14) MOBILE: Detroit Arsenal, MI, within 10 km, centered around NL 42-29-49; WL 83-02-30
- (15) MOBILE: Radford, VA, within 10 km, centered around NL 37-11-02; WL 80-32-41

This authorization effective February 06, 2017 and
will expire 3:00 A.M. EST June 04, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Fort Benning, KS, within 10 km, centered around NL 32-23-22; WL 84-49-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Fort Leavenworth, KS, within 10 km, centered around NL 39-21-25; WL 94-54-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Fort Polk, LA, within 10 km, centered around NL 30-59-15; WL 93-03-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Fort Belvoir, VA, within 10 km, centered around NL 38-41-34; WL 77-09-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D	5.7 W (ERP)	0.00005 %

Frequency Information

MOBILE: Fort Belvoir, VA, within 10 km, centered around NL 38-41-34; WL 77-09-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Rock Island, IL, within 10 km, centered around NL 41-31-08; WL 90-32-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Fort Bliss, TX, within 10 km, centered around NL 32-18-47; WL 106-46-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.1-420 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Fort Bragg, NC, within 10 km, centered around NL 35-08-17; WL 79-00-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

Frequency Information

MOBILE: Anniston AD, AL, within 10 km, centered around NL 33-39-08; WL 85-57-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Fort Lee, VA, within 10 km, centered around NL 37-14-06; WL 77-19-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Hunter-Liggett, CA, within 10 km, centered around NL 35-57-08; WL 121-13-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Fort Gordon, GA, within 10 km, centered around NL 33-21-02; WL 82-14-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D	5.7 W (ERP)	0.00005 %

Frequency Information

MOBILE: Fort Gordon, GA, within 10 km, centered around NL 33-21-02; WL 82-14-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Fort Rucker, AL, within 10 km, centered around NL 31-23-29; WL 85-44-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138-150.8 MHz	MO	12K5F1E 12K5F1D 12K5F1W	6.7 W (ERP)	0.00005 %

MOBILE: Fort Campbell, KY, within 10 km, centered around NL 36-39-00; WL 87-28-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

MOBILE: Detroit Arsenal, MI, within 10 km, centered around NL 42-29-49; WL 83-02-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

Frequency Information

MOBILE: Radford, VA, within 10 km, centered around NL 37-11-02; WL 80-32-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
380-399.9 MHz	MO	12K5F1E 12K5F1D 12K5F1W	5.7 W (ERP)	0.00005 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number W52P1J-16-R-0073. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (3) For operations using 380-399.9 MHz, coordinate specific channels with Military Assignment Group (MAG) Chair to avoid Annex A allocations:
Jason Chabot
AF Spectrum Management Office
6910 Cooper Ave
Ft George G. Meade, MD 20755-7901
Phone: 301-225-3713
Email: Jason.chabot@us.af.mil
- (4) Coordination is required at each location with the installation Network Enterprise Center (NEC) prior to commencement of any operations in the requested band.
- (5) At the Ft Bliss location, Relm must notch out +/- 12.5 kHz from 413.6 MHz to protect FAA operations at Ft Bliss.
- (6) Only channels with an existing NTIA authorization and coordinated with the NEC will be authorized for use during this demonstration.
- (7) The following frequencies must be notched +/- 6.25 KHz to protect Department of Interior operations:

406.125 MHz	NM	CARRIZO CREEK
406.125 MHz	NM	CIENEGITA CREEK
406.125 MHz	NM	INN OF THE MTN GODS
406.475 MHz	NM	CATHEY PEAK
408.875 MHz	NM	CABALLO MOUNTAIN
415.475 MHz	NM	ALAMOGORDO
415.475 MHz	NM	APACHE SUMMIT
417.875 MHz	TX	FRANKLIN MOUNTAIN