

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WH2XQS

(Call Sign)

XC FX MO

(Class of Station)

0900-EX-PL-2014

(File Number)

NAME Scientific Research Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(c) of the Commission's Rules

Station Locations

- (1) Aberdeen Proving Gro, MD - NL 39-26-25; WL 76-09-11; MOBILE: Military reservation, within 8 km
- (2) Aberdeen Proving Gro, MD - NL 39-22-40; WL 76-17-08; MOBILE: Military reservation, within 6.4 km
- (3) Fort Carson, CO - NL 38-42-13; WL 104-45-41; MOBILE: Military reservation, within 8 km
- (4) Bethany Beach, DE - NL 38-32-44; WL 75-03-39; MOBILE: Military reservation, within 0.8 km
- (5) Fort Lewis, WA - NL 46-58-05; WL 122-40-21; MOBILE: Military reservation, within 10.5 km
- (6) Fort Lewis, WA - NL 47-04-34; WL 122-29-44; MOBILE: Military reservation, within 10.5 km
- (7) Fort Bragg, NC - NL 35-01-37; WL 79-29-19; MOBILE: Military reservation, within 4 km
- (8) Fort Bliss, TX - NL 31-55-32; WL 106-14-39; MOBILE: Military reservation, within 22.5 km
- (9) Fort Dix, NJ - NL 40-00-29; WL 74-30-03; MOBILE: Military reservation, within 9.7 km
- (10) Fort Benning, GA - NL 32-25-52; WL 84-44-53; MOBILE: Military reservation, within 16.1 km
- (11) Fort Dix, NJ - NL 40-00-22; WL 74-37-22; MOBILE: Military reservation, within 4.8 km
- (12) College Station, TX - NL 30-34-43; WL 96-21-09; MOBILE: TEEX facility, within 0.8 km
- (13) Natick, MA - NL 42-17-23; WL 71-21-49; MOBILE: Military reservation, within 0.8 km
- (14) Fort Benning, GA - NL 32-19-21; WL 84-54-16; MOBILE: Military reservation, within 11.3 km
- (15) Fort Bragg, NC - NL 35-06-02; WL 79-13-42; MOBILE: Military reservation, within 12.9 km

This authorization effective February 26, 2015 and
will expire 3:00 A.M. EST March 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (16) Fort Campbell, KY - NL 36-36-40; WL 87-31-26; MOBILE: Military reservation, within 9.7 km
- (17) Fort Campbell, KY - NL 36-35-42; WL 87-37-22; MOBILE: Military reservation, within 6.4 km
- (18) Fort Campbell, KY - NL 36-39-30; WL 87-43-42; MOBILE: Military reservation, within 9.7 km
- (19) Eglin AFB, FL - NL 30-28-51; WL 86-32-34; MOBILE: Military reservation, within 4.8 km
- (20) Eglin AFB, FL - NL 30-36-32; WL 86-17-04; MOBILE: Military reservation, within 14.5 km
- (21) Eglin AFB, FL - NL 30-38-55; WL 86-31-47; MOBILE: Military reservation, within 6.4 km
- (22) Eglin AFB, FL - NL 30-31-31; WL 86-44-05; MOBILE: Military reservation, within 12.9 km
- (23) Eglin AFB, FL - NL 30-39-11; WL 86-36-29; MOBILE: Military reservation, within 4.8 km
- (24) Fort Bragg, NC - NL 35-08-31; WL 78-59-44; MOBILE: Military reservation, within 8 km

Frequency Information

Aberdeen Proving Gro, MD - NL 39-26-25; WL 76-09-11; MOBILE: Military reservation, within 8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W	2 W (ERP)	

Frequency Information

Aberdeen Proving Gro, MD - NL 39-26-25; WL 76-09-11; MOBILE: Military reservation, within 8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Aberdeen Proving Gro, MD - NL 39-22-40; WL 76-17-08; MOBILE: Military reservation, within 6.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	

Frequency Information

Aberdeen Proving Gro, MD - NL 39-22-40; WL 76-17-08; MOBILE: Military reservation, within 6.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	

Frequency Information

Aberdeen Proving Gro, MD - NL 39-22-40; WL 76-17-08; MOBILE: Military reservation, within 6.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	15M0W7W 20M0W7W	2 W (ERP)	

Fort Carson, CO - NL 38-42-13; WL 104-45-41; MOBILE: Military reservation, within 8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	2 W (ERP)	

Frequency Information

Fort Carson, CO - NL 38-42-13; WL 104-45-41; MOBILE: Military reservation, within 8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Bethany Beach, DE - NL 38-32-44; WL 75-03-39; MOBILE: Military reservation, within 0.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W	2 W (ERP)	

Frequency Information

Bethany Beach, DE - NL 38-32-44; WL 75-03-39; MOBILE: Military reservation, within 0.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
728-746 MHz	MO	10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Frequency Information

Fort Lewis, WA - NL 46-58-05; WL 122-40-21; MOBILE: Military reservation, within 10.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	1 W (ERP)	

Frequency Information

Fort Lewis, WA - NL 46-58-05; WL 122-40-21; MOBILE: Military reservation, within 10.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2570 MHz	MO	20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Fort Lewis, WA - NL 47-04-34; WL 122-29-44; MOBILE: Military reservation, within 10.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	1 W (ERP)	

Frequency Information

Fort Lewis, WA - NL 47-04-34; WL 122-29-44; MOBILE: Military reservation, within 10.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Fort Bragg, NC - NL 35-01-37; WL 79-29-19; MOBILE: Military reservation, within 4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W	1 W (ERP)	

Frequency Information

Fort Bragg, NC - NL 35-01-37; WL 79-29-19; MOBILE: Military reservation, within 4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	

Frequency Information

Fort Bragg, NC - NL 35-01-37; WL 79-29-19; MOBILE: Military reservation, within 4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Fort Bliss, TX - NL 31-55-32; WL 106-14-39; MOBILE: Military reservation, within 22.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W	2 W (ERP)	

Frequency Information

Fort Bliss, TX - NL 31-55-32; WL 106-14-39; MOBILE: Military reservation, within 22.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Fort Dix, NJ - NL 40-00-29; WL 74-30-03; MOBILE: Military reservation, within 9.7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	

Frequency Information

Fort Dix, NJ - NL 40-00-29; WL 74-30-03; MOBILE: Military reservation, within 9.7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	

Frequency Information

Fort Dix, NJ - NL 40-00-29; WL 74-30-03; MOBILE: Military reservation, within 9.7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	15M0W7W 20M0W7W	2 W (ERP)	

Fort Benning, GA - NL 32-25-52; WL 84-44-53; MOBILE: Military reservation, within 16.1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	2 W (ERP)	

Frequency Information

Fort Benning, GA - NL 32-25-52; WL 84-44-53; MOBILE: Military reservation, within 16.1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Fort Dix, NJ - NL 40-00-22; WL 74-37-22; MOBILE: Military reservation, within 4.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W	2 W (ERP)	

Frequency Information

Fort Dix, NJ - NL 40-00-22; WL 74-37-22; MOBILE: Military reservation, within 4.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
728-746 MHz	MO	10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Frequency Information

College Station, TX - NL 30-34-43; WL 96-21-09; MOBILE: TEEX facility, within 0.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	1 W (ERP)	

Frequency Information

College Station, TX - NL 30-34-43; WL 96-21-09; MOBILE: TEEX facility, within 0.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2570 MHz	MO	20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Natick, MA - NL 42-17-23; WL 71-21-49; MOBILE: Military reservation, within 0.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	1 W (ERP)	

Frequency Information

Natick, MA - NL 42-17-23; WL 71-21-49; MOBILE: Military reservation, within 0.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Fort Benning, GA - NL 32-19-21; WL 84-54-16; MOBILE: Military reservation, within 11.3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W	1 W (ERP)	

Frequency Information

Fort Benning, GA - NL 32-19-21; WL 84-54-16; MOBILE: Military reservation, within 11.3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	

Frequency Information

Fort Benning, GA - NL 32-19-21; WL 84-54-16; MOBILE: Military reservation, within 11.3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Fort Bragg, NC - NL 35-06-02; WL 79-13-42; MOBILE: Military reservation, within 12.9 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W	2 W (ERP)	

Frequency Information

Fort Bragg, NC - NL 35-06-02; WL 79-13-42; MOBILE: Military reservation, within 12.9 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Fort Campbell, KY - NL 36-36-40; WL 87-31-26; MOBILE: Military reservation, within 9.7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	

Frequency Information

Fort Campbell, KY - NL 36-36-40; WL 87-31-26; MOBILE: Military reservation, within 9.7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	

Frequency Information

Fort Campbell, KY - NL 36-36-40; WL 87-31-26; MOBILE: Military reservation, within 9.7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	15M0W7W 20M0W7W	2 W (ERP)	

Fort Campbell, KY - NL 36-35-42; WL 87-37-22; MOBILE: Military reservation, within 6.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	2 W (ERP)	

Frequency Information

Fort Campbell, KY - NL 36-35-42; WL 87-37-22; MOBILE: Military reservation, within 6.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Fort Campbell, KY - NL 36-39-30; WL 87-43-42; MOBILE: Military reservation, within 9.7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W	2 W (ERP)	

Frequency Information

Fort Campbell, KY - NL 36-39-30; WL 87-43-42; MOBILE: Military reservation, within 9.7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
728-746 MHz	MO	10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Frequency Information

Eglin AFB, FL - NL 30-28-51; WL 86-32-34; MOBILE: Military reservation, within 4.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	1 W (ERP)	

Frequency Information

Eglin AFB, FL - NL 30-28-51; WL 86-32-34; MOBILE: Military reservation, within 4.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2570 MHz	MO	20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Eglin AFB, FL - NL 30-36-32; WL 86-17-04; MOBILE: Military reservation, within 14.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	1 W (ERP)	

Frequency Information

Eglin AFB, FL - NL 30-36-32; WL 86-17-04; MOBILE: Military reservation, within 14.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Eglin AFB, FL - NL 30-38-55; WL 86-31-47; MOBILE: Military reservation, within 6.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W	1 W (ERP)	

Frequency Information

Eglin AFB, FL - NL 30-38-55; WL 86-31-47; MOBILE: Military reservation, within 6.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	

Frequency Information

Eglin AFB, FL - NL 30-38-55; WL 86-31-47; MOBILE: Military reservation, within 6.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Eglin AFB, FL - NL 30-31-31; WL 86-44-05; MOBILE: Military reservation, within 12.9 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W	2 W (ERP)	

Frequency Information

Eglin AFB, FL - NL 30-31-31; WL 86-44-05; MOBILE: Military reservation, within 12.9 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

Eglin AFB, FL - NL 30-39-11; WL 86-36-29; MOBILE: Military reservation, within 4.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	

Frequency Information

Eglin AFB, FL - NL 30-39-11; WL 86-36-29; MOBILE: Military reservation, within 4.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	

Frequency Information

Eglin AFB, FL - NL 30-39-11; WL 86-36-29; MOBILE: Military reservation, within 4.8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	15M0W7W 20M0W7W	2 W (ERP)	

Fort Bragg, NC - NL 35-08-31; WL 78-59-44; MOBILE: Military reservation, within 8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	1 W (ERP)	
728-746 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W	2 W (ERP)	
1710-1755 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2110-2155 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W	2 W (ERP)	

Frequency Information

Fort Bragg, NC - NL 35-08-31; WL 78-59-44; MOBILE: Military reservation, within 8 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	1M40W7W 3M00W7W 5M00W7W 10M0W7W 15M0W7W 20M0W7W	2 W (ERP)	

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) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (3) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (4) Operation requires consent of all Lower Band 700 MHz (698 -746 MHz) licensees within 25 miles of the locations of the test.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army contract no. W15P7T-06-D-E402. 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.