

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

EXPERIMENTAL

(Nature of Service)

WF2XUB

(Call Sign)

XC FX MO

(Class of Station)

0475-EX-PL-2006

(File Number)

NAME BAE Systems Information and Electronic Systems Integration Inc.

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(i) of the Commission's Rules

Station Locations

- (1) Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10
- (2) MOBILE: Merrimack, NH, within 32 km, centered around NL 42-44-15; WL 71-57-59

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15-29.9 MHz	FX	N0N	5 W (ERP)	
15-29.9 MHz	FX	N0N	0.007 W (ERP)	
15-29.9 MHz	FX	25K0F3D	5 W (ERP)	
29.975 MHz	FX	N0N	5 W (ERP)	

This authorization effective September 14, 2011 and
will expire 3:00 A.M. EST September 14, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29.975 MHz	FX	N0N	0.007 W (ERP)	
29.975 MHz	FX	25K0F3D	5 W (ERP)	
30-74.8 MHz	FX	N0N	0.007 W (ERP)	
30-74.8 MHz	FX	N0N 25K0F3D	5 W (ERP)	
75.2-108 MHz	FX	N0N	0.007 W (ERP)	
75.2-108 MHz	FX	N0N 25K0F3D	5 W (ERP)	
109.325 MHz	FX	N0N 25K0F3D	5 W (ERP)	
109.375 MHz	FX	N0N	0.007 W (ERP)	
111.575 MHz	FX	N0N	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
111.575 MHz	FX	N0N	0.007 W (ERP)	
111.575 MHz	FX	25K0F3D	5 W (ERP)	
113.825 MHz	FX	N0N	5 W (ERP)	
113.825 MHz	FX	N0N	0.007 W (ERP)	
113.825 MHz	FX	25K0F3D	5 W (ERP)	
114.95 MHz	FX	N0N	5 W (ERP)	
114.95 MHz	FX	N0N	0.007 W (ERP)	
114.95 MHz	FX	25K0F3D	5 W (ERP)	
116.1 MHz	FX	N0N	5 W (ERP)	
116.1 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
116.1 MHz	FX	25K0F3D	5 W (ERP)	
117.275 MHz	FX	N0N	5 W (ERP)	
117.275 MHz	FX	N0N	0.007 W (ERP)	
117.275 MHz	FX	25K0F3D	5 W (ERP)	
119.625 MHz	FX	N0N	5 W (ERP)	
119.625 MHz	FX	N0N	0.007 W (ERP)	
119.625 MHz	FX	25K0F3D	5 W (ERP)	
120.825 MHz	FX	N0N	5 W (ERP)	
120.825 MHz	FX	N0N	0.007 W (ERP)	
120.825 MHz	FX	25K0F3D	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
122.025 MHz	FX	N0N	5 W (ERP)	
122.025 MHz	FX	N0N	0.007 W (ERP)	
122.025 MHz	FX	25K0F3D	5 W (ERP)	
123.25 MHz	FX	N0N	5 W (ERP)	
123.25 MHz	FX	N0N	0.007 W (ERP)	
123.25 MHz	FX	25K0F3D	5 W (ERP)	
124.475 MHz	FX	N0N	5 W (ERP)	
124.475 MHz	FX	N0N	0.007 W (ERP)	
124.475 MHz	FX	25K0F3D	5 W (ERP)	
125.725 MHz	FX	N0N	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
125.725 MHz	FX	N0N	0.007 W (ERP)	
125.725 MHz	FX	25K0F3D	5 W (ERP)	
126.975 MHz	FX	N0N	5 W (ERP)	
126.975 MHz	FX	N0N	0.007 W (ERP)	
126.975 MHz	FX	25K0F3D	5 W (ERP)	
129.55 MHz	FX	N0N	5 W (ERP)	
129.55 MHz	FX	N0N	0.007 W (ERP)	
129.55 MHz	FX	25K0F3D	5 W (ERP)	
130.825 MHz	FX	N0N	5 W (ERP)	
130.825 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
130.825 MHz	FX	25K0F3D	5 W (ERP)	
133.475 MHz	FX	N0N	5 W (ERP)	
133.475 MHz	FX	N0N	0.007 W (ERP)	
133.475 MHz	FX	25K0F3D	5 W (ERP)	
134.8 MHz	FX	N0N	5 W (ERP)	
134.8 MHz	FX	N0N	0.007 W (ERP)	
134.8 MHz	FX	25K0F3D	5 W (ERP)	
136.15 MHz	FX	N0N	0.007 W (ERP)	
136.15 MHz	FX	N0N 25K0F3D	5 W (ERP)	
137-152.885 MHz	FX	N0N	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
137-152.885 MHz	FX	N0N	0.007 W (ERP)	
137-152.885 MHz	FX	25K0F3D	5 W (ERP)	
153.4 MHz	FX	N0N	5 W (ERP)	
153.4 MHz	FX	N0N	0.007 W (ERP)	
153.4 MHz	FX	25K0F3D	5 W (ERP)	
154-156.515 MHz	FX	N0N	5 W (ERP)	
154-156.515 MHz	FX	N0N	0.007 W (ERP)	
154-156.515 MHz	FX	25K0F3D	5 W (ERP)	
156.81-161.625 MHz	FX	N0N	5 W (ERP)	
156.81-161.625 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
156.81-161.625 MHz	FX	25K0F3D	5 W (ERP)	
162.85 MHz	FX	N0N	5 W (ERP)	
162.85 MHz	FX	N0N	0.007 W (ERP)	
162.85 MHz	FX	25K0F3D	5 W (ERP)	
164-173.6 MHz	FX	N0N	5 W (ERP)	
164-173.6 MHz	FX	N0N	0.007 W (ERP)	
164-173.6 MHz	FX	25K0F3D	5 W (ERP)	
174-228.6 MHz	FX	N0N	5 W (ERP)	
174-228.6 MHz	FX	N0N	0.007 W (ERP)	
174-228.6 MHz	FX	25K0F3D	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
228.8-328.6 MHz	FX	N0N	5 W (ERP)	
228.8-328.6 MHz	FX	N0N	0.007 W (ERP)	
228.8-328.6 MHz	FX	25K0F3D 25K0F2D	5 W (ERP)	
330.05 MHz	FX	N0N	5 W (ERP)	
330.05 MHz	FX	N0N	0.007 W (ERP)	
330.05 MHz	FX	25K0F3D	5 W (ERP)	
333.35 MHz	FX	N0N	5 W (ERP)	
333.35 MHz	FX	N0N	0.007 W (ERP)	
333.35 MHz	FX	25K0F3D	5 W (ERP)	
335.4-454 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
335.4-454 MHz	FX	N0N 25K0F3D 25K0F2D	5 W (ERP)	
456-470 MHz	FX	N0N	5 W (ERP)	
456-470 MHz	FX	N0N	0.007 W (ERP)	
456-470 MHz	FX	25K0F3D	5 W (ERP)	
472.225 MHz	FX	N0N	5 W (ERP)	
472.225 MHz	FX	N0N	0.007 W (ERP)	
472.225 MHz	FX	25K0F3D	5 W (ERP)	
476.95 MHz	FX	N0N	5 W (ERP)	
476.95 MHz	FX	N0N	0.007 W (ERP)	
476.95 MHz	FX	25K0F3D	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
481.725 MHz	FX	N0N	5 W (ERP)	
481.725 MHz	FX	N0N	0.007 W (ERP)	
481.725 MHz	FX	25K0F3D	5 W (ERP)	
486.525 MHz	FX	N0N	5 W (ERP)	
486.525 MHz	FX	N0N	0.007 W (ERP)	
486.525 MHz	FX	25K0F3D	5 W (ERP)	
491.4 MHz	FX	N0N	5 W (ERP)	
491.4 MHz	FX	N0N	0.007 W (ERP)	
491.4 MHz	FX	25K0F3D	5 W (ERP)	
496.3 MHz	FX	N0N	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
496.3 MHz	FX	N0N	0.007 W (ERP)	
496.3 MHz	FX	25K0F3D	5 W (ERP)	
500 MHz	FX	N0N	5 W (ERP)	
500 MHz	FX	N0N	0.007 W (ERP)	
500 MHz	FX	25K0F3D	5 W (ERP)	
508-614 MHz	FX	N0N	5 W (ERP)	
508-614 MHz	FX	N0N	0.007 W (ERP)	
508-614 MHz	FX	25K0F3D	5 W (ERP)	
621.7 MHz	FX	N0N	5 W (ERP)	
621.7 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
621.7 MHz	FX	25K0F3D	5 W (ERP)	
626-632 MHz	FX	N0N	5 W (ERP)	
626-632 MHz	FX	N0N	0.007 W (ERP)	
626-632 MHz	FX	25K0F3D	5 W (ERP)	
634.125 MHz	FX	N0N	5 W (ERP)	
634.125 MHz	FX	N0N	0.007 W (ERP)	
634.125 MHz	FX	25K0F3D	5 W (ERP)	
646.825 MHz	FX	N0N	5 W (ERP)	
646.825 MHz	FX	N0N	0.007 W (ERP)	
646.825 MHz	FX	25K0F3D	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
659.75 MHz	FX	N0N	5 W (ERP)	
659.75 MHz	FX	N0N	0.007 W (ERP)	
659.75 MHz	FX	25K0F3D	5 W (ERP)	
662-668 MHz	FX	N0N	5 W (ERP)	
662-668 MHz	FX	N0N	0.007 W (ERP)	
662-668 MHz	FX	25K0F3D	5 W (ERP)	
672.95 MHz	FX	N0N	5 W (ERP)	
672.95 MHz	FX	N0N	0.007 W (ERP)	
672.95 MHz	FX	25K0F3D	5 W (ERP)	
686.4 MHz	FX	N0N	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
686.4 MHz	FX	N0N	0.007 W (ERP)	
686.4 MHz	FX	25K0F3D	5 W (ERP)	
700.125 MHz	FX	N0N	5 W (ERP)	
700.125 MHz	FX	N0N	0.007 W (ERP)	
700.125 MHz	FX	25K0F3D	5 W (ERP)	
714.125 MHz	FX	N0N	5 W (ERP)	
714.125 MHz	FX	N0N	0.007 W (ERP)	
714.125 MHz	FX	25K0F3D	5 W (ERP)	
728.425 MHz	FX	N0N	5 W (ERP)	
728.425 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
728.425 MHz	FX	25K0F3D	5 W (ERP)	
734-740 MHz	FX	N0N	5 W (ERP)	
734-740 MHz	FX	N0N	0.007 W (ERP)	
734-740 MHz	FX	25K0F3D	5 W (ERP)	
742.975 MHz	FX	N0N	5 W (ERP)	
742.975 MHz	FX	N0N	0.007 W (ERP)	
742.975 MHz	FX	25K0F3D	5 W (ERP)	
757.85 MHz	FX	N0N	5 W (ERP)	
757.85 MHz	FX	N0N	0.007 W (ERP)	
757.85 MHz	FX	25K0F3D	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-764 MHz	FX	N0N	5 W (ERP)	
758-764 MHz	FX	N0N	0.007 W (ERP)	
758-764 MHz	FX	25K0F3D	5 W (ERP)	
773 MHz	FX	N0N	5 W (ERP)	
773 MHz	FX	N0N	0.007 W (ERP)	
773 MHz	FX	25K0F3D	5 W (ERP)	
788.45 MHz	FX	N0N	5 W (ERP)	
788.45 MHz	FX	N0N	0.007 W (ERP)	
788.45 MHz	FX	25K0F3D	5 W (ERP)	
794-800 MHz	FX	N0N	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
794-800 MHz	FX	N0N	0.007 W (ERP)	
794-800 MHz	FX	25K0F3D	5 W (ERP)	
804.225 MHz	FX	N0N	5 W (ERP)	
804.225 MHz	FX	N0N	0.007 W (ERP)	
804.225 MHz	FX	25K0F3D	5 W (ERP)	
809-928 MHz	FX	N0N	5 W (ERP)	
809-928 MHz	FX	N0N	0.007 W (ERP)	
809-928 MHz	FX	25K0F3D	5 W (ERP)	
1218.95 MHz	FX	N0N	5 W (ERP)	
1218.95 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1218.95 MHz	FX	25K0F3D	5 W (ERP)	
1243.325 MHz	FX	N0N	5 W (ERP)	
1243.325 MHz	FX	N0N	0.007 W (ERP)	
1243.325 MHz	FX	25K0F3D	5 W (ERP)	
1251-1850 MHz	FX	N0N	0.007 W (ERP)	
1251-1850 MHz	FX	N0N 25K0F3D	5 W (ERP)	
1863.555 MHz	FX	N0N	5 W (ERP)	
1863.555 MHz	FX	N0N	0.007 W (ERP)	
1863.555 MHz	FX	25K0F3D	5 W (ERP)	
1890.945 MHz	FX	N0N	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1890.945 MHz	FX	N0N	0.007 W (ERP)	
1890.945 MHz	FX	25K0F3D	5 W (ERP)	
1909.965 MHz	FX	N0N	5 W (ERP)	
1909.965 MHz	FX	N0N	0.007 W (ERP)	
1909.965 MHz	FX	25K0F3D	5 W (ERP)	
1910.025 MHz	FX	N0N	5 W (ERP)	
1910.025 MHz	FX	N0N	0.007 W (ERP)	
1910.025 MHz	FX	25K0F3D	5 W (ERP)	
1918.724 MHz	FX	N0N	5 W (ERP)	
1918.724 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1918.724 MHz	FX	25K0F3D	5 W (ERP)	
1929.975 MHz	FX	N0N	5 W (ERP)	
1929.975 MHz	FX	N0N	0.007 W (ERP)	
1929.975 MHz	FX	25K0F3D	5 W (ERP)	
1946.925 MHz	FX	N0N	5 W (ERP)	
1946.925 MHz	FX	N0N	0.007 W (ERP)	
1946.925 MHz	FX	25K0F3D	5 W (ERP)	
1960.575 MHz	FX	N0N	5 W (ERP)	
1960.575 MHz	FX	N0N	0.007 W (ERP)	
1960.575 MHz	FX	25K0F3D	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1975.545 MHz	FX	N0N	5 W (ERP)	
1975.545 MHz	FX	N0N	0.007 W (ERP)	
1975.545 MHz	FX	25K0F3D	5 W (ERP)	
1990.025 MHz	FX	N0N	5 W (ERP)	
1990.025 MHz	FX	N0N	0.007 W (ERP)	
1990.025 MHz	FX	25K0F3D	5 W (ERP)	
1999.8 MHz	FX	N0N	5 W (ERP)	
1999.8 MHz	FX	N0N	0.007 W (ERP)	
1999.8 MHz	FX	25K0F3D	5 W (ERP)	
2000 MHz	FX	N0N	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2000 MHz	FX	N0N	0.007 W (ERP)	
2000 MHz	FX	25K0F3D	5 W (ERP)	
2100 MHz	FX	N0N	5 W (ERP)	
2100 MHz	FX	N0N	0.007 W (ERP)	
2100 MHz	FX	25K0F3D	5 W (ERP)	
2200-2310 MHz	FX	N0N	5 W (ERP)	
2200-2310 MHz	FX	N0N	0.007 W (ERP)	
2200-2310 MHz	FX	25K0F3D	5 W (ERP)	
2360-2450 MHz	FX	N0N	0.007 W (ERP)	
2360-2450 MHz	FX	N0N 25K0F3D	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500 MHz	FX	N0N	5 W (ERP)	
2500 MHz	FX	N0N	0.007 W (ERP)	
2500 MHz	FX	25K0F3D	5 W (ERP)	
2533.6 MHz	FX	N0N	5 W (ERP)	
2533.6 MHz	FX	N0N	0.007 W (ERP)	
2533.6 MHz	FX	25K0F3D	5 W (ERP)	
2536.225 MHz	FX	N0N	5 W (ERP)	
2536.225 MHz	FX	N0N	0.007 W (ERP)	
2536.225 MHz	FX	25K0F3D	5 W (ERP)	
2586.95 MHz	FX	N0N	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2586.95 MHz	FX	N0N	0.007 W (ERP)	
2586.95 MHz	FX	25K0F3D	5 W (ERP)	
2609.6 MHz	FX	N0N	5 W (ERP)	
2609.6 MHz	FX	N0N	0.007 W (ERP)	
2609.6 MHz	FX	25K0F3D	5 W (ERP)	
2638.675 MHz	FX	N0N	5 W (ERP)	
2638.675 MHz	FX	N0N	0.007 W (ERP)	
2638.675 MHz	FX	25K0F3D	5 W (ERP)	
2655-2700 MHz	FX	N0N	0.007 W (ERP)	
2655-2700 MHz	FX	N0N 25K0F3D	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2745.275 MHz	FX	N0N	5 W (ERP)	
2745.275 MHz	FX	N0N	0.007 W (ERP)	
2745.275 MHz	FX	25K0F3D	5 W (ERP)	
2768.6 MHz	FX	N0N	5 W (ERP)	
2768.6 MHz	FX	N0N	0.007 W (ERP)	
2768.6 MHz	FX	25K0F3D	5 W (ERP)	
2800.175 MHz	FX	N0N	0.007 W (ERP)	
2851.6 MHz	FX	N0N	5 W (ERP)	
2851.6 MHz	FX	N0N	0.007 W (ERP)	
2851.6 MHz	FX	25K0F3D	5 W (ERP)	

Frequency Information

Merrimack (HILLSBOROUGH), NH - NL 42-48-41; WL 71-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2856.2 MHz	FX	N0N	5 W (ERP)	
2856.2 MHz	FX	N0N	0.007 W (ERP)	
2856.2 MHz	FX	25K0F3D	5 W (ERP)	
2900-4200 MHz	FX	N0N	5 W (ERP)	
2900-4200 MHz	FX	N0N	0.007 W (ERP)	
2900-4200 MHz	FX	25K0F3D	5 W (ERP)	
15150-15350 MHz	FX	21M4G7D 64M0G7D	50 W (ERP)	

MOBILE: Merrimack, NH, within 32 km, centered around NL 42-44-15; WL 71-57-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14400-14830 MHz	MO	21M4G7D 64M0G7D	50 W (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) 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.
- (5) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (6) No operation is permitted to transmit in any public safety frequencies listed under Part 90.20 20 unless coordinated with the licensed public safety entity.
- (7) Operation in the 1710-1755, 1915-1920 MHz and 1995-2000 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (8) Operation is subject to prior coordination with the existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) and on the rest of the proposed frequencies/frequency bands, except 15150-15350 MHz and 14400-13830 MHz.
- (9) Operation must be maintain separation from the incumbent, grandfathered fixed satellite service earth stations as defined in Part 90, Subpart Z.
- (10) Ensure that the proposed experimental operation will not cause harmful interference to any existing registered stations using the 3650-3700 MHz band and notify registered users in the area.
- (11) The designated point-of-contact to terminate transmissions if interference occurs is Mr. George Moynihan at (603) 689-8630.
- (12) This license SUPERSEDES the previously issued license with the same call sign and file number: amend conditions.