

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

EXPERIMENTAL

(Nature of Service)

WE2XJW

(Call Sign)

XD MO

(Class of Station)

0037-EX-TC-2008

(File Number)

NAME Mobile Satellite Ventures Subsidiary LLC

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) MOBILE: 2320 Murdock Road, Marietta, Georgia (Cobb County), within 16.1 km, centered around NL 34-00-28; WL 84-27-43
- (2) MOBILE: Grant Road, Ellenwood, Georgia (Clayton County), within 16.1 km, centered around NL 33-37-39; WL 84-17-41
- (3) MOBILE: 731 Highland Avenue, Atlanta, Georgia (Fulton County), within 16.1 km, centered around NL 33-45-37; WL 84-21-49
- (4) MOBILE: 5365 Memorial Drive, Stone Mountain, Georgia (DeKalb County), within 16.1 km, centered around NL 33-47-53; WL 84-13-07
- (5) MOBILE: 10010 Gorman Road, Laurel, Maryland (Howard County), within 16.1 km, centered around NL 39-08-50; WL 76-50-51
- (6) MOBILE: 4641 West Ox Road, Fairfax, Virginia (Fairfax County), within 16.1 km, centered around NL 38-51-05; WL 77-22-14
- (7) MOBILE: 6303 Riggs Road, Hyattsville, Maryland (Prince Georges County), within 16.1 km, centered around NL 38-58-01; WL 76-59-11
- (8) MOBILE: 2001-45 Winchester Street, Baltimore, Maryland (Baltimore County), within 16.1 km, centered around NL 39-18-11; WL 76-39-04
- (9) MOBILE: Bishops Lane, Rockland, Massachusetts (Plymouth County), within 16.1 km, centered around NL 42-07-05; WL 70-53-23
- (10) MOBILE: 19 Alexander Road, Billerica, Massachusetts (Middlesex County), within 16.1 km, centered around NL 42-33-04; WL 71-12-59
- (11) MOBILE: 16 Topalian Street, Mattapan, Massachusetts (Suffolk County), within 16.1 km, centered around NL 42-15-57; WL 71-05-49
- (12) MOBILE: 90 Wareham Street, Boston, Massachusetts (Suffolk County), within 16.1 km, centered around NL 42-20-20; WL 71-03-59
- (13) MOBILE: 1123 McCarthy Road, Lemont, Illinois (Cook County), within 16.1 km, centered around NL 41-40-16; WL 87-59-04

This authorization effective March 31, 2010 and
will expire 3:00 A.M. EST November 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (14) MOBILE: 1335 Calumet Avenue, Dyer, Indiana (Lake County), within 16.1 km, centered around NL 41-30-25; WL 87-30-27
- (15) MOBILE: 7436 S. Racine, Chicago, Illinois (Cook County), within 16.1 km, centered around NL 41-45-30; WL 87-39-16
- (16) MOBILE: 5845 W. Belmont Avenue, Chicago, Illinois (Cook County), within 16.1 km, centered around NL 41-56-17; WL 87-46-24
- (17) MOBILE: 31726 Center Ridge Road, North Ridgeville, Ohio (Lorain County), within 16.1 km, centered around NL 41-25-00; WL 81-58-23
- (18) MOBILE: 10256 Northfield, Northfield, Ohio (Summit County), within 16.1 km, centered around NL 41-20-15; WL 81-31-56
- (19) MOBILE: 11212 Avon Avenue, Cleveland, Ohio (Cuyahoga County), within 16.1 km, centered around NL 41-27-04; WL 81-36-22
- (20) MOBILE: 5100 Pearl Road, Cleveland, Ohio (Cuyahoga County), within 16.1 km, centered around NL 41-25-12; WL 81-43-47
- (21) MOBILE: 1901 Industrial Boulevard, Colleyville, Texas (Tarrant County), within 16.1 km, centered around NL 32-54-05; WL 97-08-16
- (22) MOBILE: Stephenson Levy Road, Burleson, Texas (Tarrant County), within 16.1 km, centered around NL 32-35-40; WL 97-15-36
- (23) MOBILE: 7824 Spring Valley Road, Dallas, Texas (Dallas County), within 16.1 km, centered around NL 32-56-23; WL 96-46-16
- (24) MOBILE: 408 West Ohio Avenue, Dallas, Texas (Dallas County), within 16.1 km, centered around NL 32-43-09; WL 96-49-43
- (25) MOBILE: 4343 Loveland Street, Golden, Colorado (Jefferson County), within 16.1 km, centered around NL 39-46-28; WL 105-10-24
- (26) MOBILE: 13682 Parker Road, Parker, Colorado (Douglas County), within 16.1 km, centered around NL 39-33-47; WL 104-46-42
- (27) MOBILE: 2980 W. 90th Place, Denver, Colorado (Adams County), within 16.1 km, centered around NL 39-51-37; WL 105-01-25
- (28) MOBILE: 8090 East Mississippi Avenue, Denver, Colorado (Denver County), within 16.1 km, centered around NL 39-41-45; WL 104-53-41
- (29) MOBILE: 30940 Hawthorne Boulevard, Sun City, California (Riverside County), within 16.1 km, centered around NL 33-45-16; WL 117-11-09
- (30) MOBILE: 600 W. Litton, Colton, California (San Bernardino County), within 16.1 km, centered around NL 34-02-15; WL 117-20-45
- (31) MOBILE: 8106 S. Figueroa Street, Los Angeles, California (Los Angeles County), within 16.1 km, centered around NL 33-57-56; WL 118-16-53
- (32) MOBILE: 7141 Thomas, Buena Park, California (Orange County), within 16.1 km, centered around NL 33-51-25; WL 117-59-17
- (33) MOBILE: 15461 S.W. 31st Street, Davie, Florida (Broward County), within 16.1 km, centered around NL 26-04-56; WL 80-21-40
- (34) MOBILE: 14027 SW 144th Avenue Street, Miami, Florida (Dade County), within 16.1 km, centered around NL 25-38-18; WL 80-25-51
- (35) MOBILE: 830 N.W. 144th Street, Miami, Florida (Dade County), within 16.1 km, centered around NL 25-54-22; WL 80-12-52
- (36) MOBILE: 150 SW 127th Avenue, Miami, Florida (Dade County), within 16.1 km, centered around NL 25-46-14; WL 80-14-22
- (37) MOBILE: Rockland Psych Center Building 50, Orangeburg, New York (Rockland County), within 16.1 km, centered around NL 41-02-58; WL 73-58-29

Station Locations

- (38) MOBILE: Mt. Horeb Road, Martinsville, New Jersey (Somerset County), within 16.1 km, centered around NL 40-36-17; WL 74-33-34
- (39) MOBILE: J. A. Farley Building, New York, New York (New York County), within 16.1 km, centered around NL 40-45-01; WL 73-59-43
- (40) MOBILE: 61 N. Munn Avenue, East Orange, New Jersey (Essex County), within 16.1 km, centered around NL 40-45-41; WL 74-12-33
- (41) MOBILE: 23400 71st Place South, Kent, Washington (King County), within 16.1 km, centered around NL 47-23-26; WL 122-14-41
- (42) MOBILE: 1480 NE Fairgrounds Road, Bremerton, Washington (Kitsap County), within 16.1 km, centered around NL 47-37-57; WL 122-37-52
- (43) MOBILE: 9417 Roosevelt Way, NE, Seattle, Washington (King County), within 16.1 km, centered around NL 47-41-51; WL 122-19-01
- (44) MOBILE: 8005 Pacific Highway, Tacoma, Washington (Pierce County), within 16.1 km, centered around NL 47-11-05; WL 122-25-57
- (45) MOBILE: 4104 El Nido Ranch Road, Lafayette, California (Contra Costa County), within 16.1 km, centered around NL 37-53-38; WL 122-09-38
- (46) MOBILE: Hallmark Drive, Belmont, California (San Mateo County), within 16.1 km, centered around NL 37-30-06; WL 122-18-36
- (47) MOBILE: 101 Hyde Street, San Francisco, California (San Francisco County), within 16.1 km, centered around NL 37-46-54; WL 122-24-52
- (48) MOBILE: 1091 Leigh Avenue, San Jose, California (Santa Clara County), within 16.1 km, centered around NL 37-18-20; WL 121-55-19

Frequency Information

MOBILE: 2320 Murdock Road, Marietta, Georgia (Cobb County), within 16.1 km, centered around NL 34-00-28; WL 84-27-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	NON	125 W (ERP)	

MOBILE: Grant Road, Ellenwood, Georgia (Clayton County), within 16.1 km, centered around NL 33-37-39; WL 84-17-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	NON	125 W (ERP)	

Frequency Information

MOBILE: 731 Highland Avenue, Atlanta, Georgia (Fulton County), within 16.1 km, centered around NL 33-45-37; WL 84-21-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 5365 Memorial Drive, Stone Mountain, Georgia (DeKalb County), within 16.1 km, centered around NL 33-47-53; WL 84-13-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 10010 Gorman Road, Laurel, Maryland (Howard County), within 16.1 km, centered around NL 39-08-50; WL 76-50-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 4641 West Ox Road, Fairfax, Virginia (Fairfax County), within 16.1 km, centered around NL 38-51-05; WL 77-22-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 6303 Riggs Road, Hyattsville, Maryland (Prince Georges County), within 16.1 km, centered around NL 38-58-01;
WL 76-59-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 2001-45 Winchester Street, Baltimore, Maryland (Baltimore County), within 16.1 km, centered around NL 39-18-11;
WL 76-39-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: Bishops Lane, Rockland, Massachusetts (Plymouth County), within 16.1 km, centered around NL 42-07-05; WL
70-53-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 19 Alexander Road, Billerica, Massachusetts (Middlesex County), within 16.1 km, centered around NL 42-33-04;
WL 71-12-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 16 Topalian Street, Mattapan, Massachusetts (Suffolk County), within 16.1 km, centered around NL 42-15-57; WL 71-05-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 90 Wareham Street, Boston, Massachusetts (Suffolk County), within 16.1 km, centered around NL 42-20-20; WL 71-03-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 1123 McCarthy Road, Lemont, Illinois (Cook County), within 16.1 km, centered around NL 41-40-16; WL 87-59-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 1335 Calumet Avenue, Dyer, Indiana (Lake County), within 16.1 km, centered around NL 41-30-25; WL 87-30-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 7436 S. Racine, Chicago, Illinois (Cook County), within 16.1 km, centered around NL 41-45-30; WL 87-39-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 5845 W. Belmont Avenue, Chicago, Illinois (Cook County), within 16.1 km, centered around NL 41-56-17; WL 87-46-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 31726 Center Ridge Road, North Ridgeville, Ohio (Lorain County), within 16.1 km, centered around NL 41-25-00; WL 81-58-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 10256 Northfield, Northfield, Ohio (Summit County), within 16.1 km, centered around NL 41-20-15; WL 81-31-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 11212 Avon Avenue, Cleveland, Ohio (Cuyahoga County), within 16.1 km, centered around NL 41-27-04; WL 81-36-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 5100 Pearl Road, Cleveland, Ohio (Cuyahoga County), within 16.1 km, centered around NL 41-25-12; WL 81-43-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 1901 Industrial Boulevard, Colleyville, Texas (Tarrant County), within 16.1 km, centered around NL 32-54-05; WL 97-08-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: Stephenson Levy Road, Burleson, Texas (Tarrant County), within 16.1 km, centered around NL 32-35-40; WL 97-15-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 7824 Spring Valley Road, Dallas, Texas (Dallas County), within 16.1 km, centered around NL 32-56-23; WL 96-46-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 408 West Ohio Avenue, Dallas, Texas (Dallas County), within 16.1 km, centered around NL 32-43-09; WL 96-49-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 4343 Loveland Street, Golden, Colorado (Jefferson County), within 16.1 km, centered around NL 39-46-28; WL 105-10-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 13682 Parker Road, Parker, Colorado (Douglas County), within 16.1 km, centered around NL 39-33-47; WL 104-46-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 2980 W. 90th Place, Denver, Colorado (Adams County), within 16.1 km, centered around NL 39-51-37; WL 105-01-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 8090 East Mississippi Avenue, Denver, Colorado (Denver County), within 16.1 km, centered around NL 39-41-45; WL 104-53-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 30940 Hawthorne Boulevard, Sun City, California (Riverside County), within 16.1 km, centered around NL 33-45-16; WL 117-11-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 600 W. Litton, Colton, California (San Bernardino County), within 16.1 km, centered around NL 34-02-15; WL 117-20-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 8106 S. Figueroa Street, Los Angeles, California (Los Angeles County), within 16.1 km, centered around NL 33-57-56; WL 118-16-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 7141 Thomas, Buena Park, California (Orange County), within 16.1 km, centered around NL 33-51-25; WL 117-59-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 15461 S.W. 31st Street, Davie, Florida (Broward County), within 16.1 km, centered around NL 26-04-56; WL 80-21-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 14027 SW 144th Avenue Street, Miami, Florida (Dade County), within 16.1 km, centered around NL 25-38-18; WL 80-25-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 830 N.W. 144th Street, Miami, Florida (Dade County), within 16.1 km, centered around NL 25-54-22; WL 80-12-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 150 SW 127th Avenue, Miami, Florida (Dade County), within 16.1 km, centered around NL 25-46-14; WL 80-14-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: Rockland Psych Center Building 50, Orangeburg, New York (Rockland County), within 16.1 km, centered around NL 41-02-58; WL 73-58-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: Mt. Horeb Road, Martinsville, New Jersey (Somerset County), within 16.1 km, centered around NL 40-36-17; WL 74-33-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: J. A. Farley Building, New York, New York (New York County), within 16.1 km, centered around NL 40-45-01; WL 73-59-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 61 N. Munn Avenue, East Orange, New Jersey (Essex County), within 16.1 km, centered around NL 40-45-41; WL 74-12-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 23400 71st Place South, Kent, Washington (King County), within 16.1 km, centered around NL 47-23-26; WL 122-14-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 1480 NE Fairgrounds Road, Bremerton, Washington (Kitsap County), within 16.1 km, centered around NL 47-37-57; WL 122-37-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 9417 Roosevelt Way, NE, Seattle, Washington (King County), within 16.1 km, centered around NL 47-41-51; WL 122-19-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 8005 Pacific Highway, Tacoma, Washington (Pierce County), within 16.1 km, centered around NL 47-11-05; WL 122-25-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 4104 El Nido Ranch Road, Lafayette, California (Contra Costa County), within 16.1 km, centered around NL 37-53-38; WL 122-09-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: Hallmark Drive, Belmont, California (San Mateo County), within 16.1 km, centered around NL 37-30-06; WL 122-18-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

Frequency Information

MOBILE: 101 Hyde Street, San Francisco, California (San Francisco County), within 16.1 km, centered around NL 37-46-54; WL 122-24-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 W (ERP)	

MOBILE: 1091 Leigh Avenue, San Jose, California (Santa Clara County), within 16.1 km, centered around NL 37-18-20; WL 121-55-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1531.375-1531.425 MHz	MO	N0N	125 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.