

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WO9XBJ

(Call Sign)

0245-EX-ST-2019

(File Number)

NAME Phoenix Air Unmanned, LLC

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:

Xcel Energy teamed with Harris and PAU submitted (4 Jan 2019) a FAA 14 CFR Part 107 waiver request to fly a small UAS at low altitude (below 250 ft) in remote/non-urban areas

Station Locations

- (1) Prentice, WI - NL 45-34-01; WL 90-18-39
- (2) Phillips, WI - NL 45-40-33; WL 90-20-59
- (3) Phillips, WI - NL 45-44-09; WL 90-26-59
- (4) Phillips, WI - NL 45-47-41; WL 90-31-58
- (5) Park Falls, WI - NL 45-53-44; WL 90-28-29
- (6) Park Falls, WI - NL 45-56-18; WL 90-28-34
- (7) Ogema, WI - NL 45-25-25; WL 90-19-52
- (8) Westboro, WI - NL 45-19-21; WL 90-21-08
- (9) Westboro, WI - NL 45-18-32; WL 90-17-28
- (10) McLean, TX - NL 35-22-17; WL 100-32-19
- (11) Medford, WI - NL 45-14-57; WL 90-23-03
- (12) Medford, WI - NL 45-09-11; WL 90-23-42
- (13) Medford, WI - NL 45-07-35; WL 90-22-28
- (14) Prentice, WI - NL 45-32-15; WL 90-19-53
- (15) Prentice, WI - NL 45-32-57; WL 90-25-09
- (16) Kennan, WI - NL 45-33-07; WL 90-35-51
- (17) Hawkins, WI - NL 45-33-08; WL 90-46-18
- (18) Glen Flora, WI - NL 45-33-18; WL 90-57-25
- (19) Glen Flora, WI - NL 45-30-37; WL 90-55-33
- (20) Tony, WI - NL 45-28-59; WL 90-55-30

This authorization effective May 01, 2019 and
will expire 3:00 A.M. EST November 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (21) Sheldon, WI - NL 45-21-59; WL 90-56-44
- (22) Sheldon, WI - NL 45-17-08; WL 90-57-03
- (23) Holcombe, WI - NL 45-13-10; WL 91-03-08
- (24) Holcombe, WI - NL 45-11-45; WL 91-08-18
- (25) Cornell, WI - NL 45-10-18; WL 91-09-08
- (26) Cornell, WI - NL 45-09-27; WL 91-09-08
- (27) Cornell, WI - NL 45-08-32; WL 91-10-57
- (28) Jim Falls, WI - NL 45-03-01; WL 91-16-17
- (29) Humbird, WI - NL 44-35-46; WL 90-54-46
- (30) Neilsville, WI - NL 44-35-40; WL 90-47-52
- (31) Neilsville, WI - NL 44-34-24; WL 90-43-48
- (32) Neilsville, WI - NL 44-34-05; WL 90-37-41
- (33) Neilsville, WI - NL 44-33-47; WL 90-35-41
- (34) Neilsville, WI - NL 44-33-36; WL 90-33-29
- (35) Granton, WI - NL 44-34-06; WL 90-31-01
- (36) Granton, WI - NL 44-34-29; WL 90-28-52
- (37) Granton, WI - NL 44-34-56; WL 90-26-56
- (38) Chili, WI - NL 44-38-29; WL 90-21-21
- (39) Unity, WI - NL 44-45-24; WL 90-21-30
- (40) Colby, WI - NL 44-54-39; WL 90-20-08
- (41) Owen, WI - NL 44-54-28; WL 90-29-48
- (42) Owen, WI - NL 44-55-03; WL 90-32-09
- (43) Thorp, WI - NL 44-55-06; WL 90-42-34
- (44) Stanley, WI - NL 44-55-09; WL 90-53-08
- (45) Cadott, WI - NL 44-55-07; WL 91-05-11
- (46) Chippewa Falls, WI - NL 44-55-08; WL 91-16-12
- (47) Fall Creek, WI - NL 44-48-03; WL 91-22-23
- (48) Fall Creek, WI - NL 44-43-51; WL 91-21-59
- (49) Strum, WI - NL 44-31-18; WL 91-21-26
- (50) Whitehall, WI - NL 44-25-50; WL 91-20-10
- (51) Blair, WI - NL 44-20-10; WL 91-16-23
- (52) Blair, WI - NL 44-17-34; WL 91-15-18
- (53) Ettrick, WI - NL 44-11-11; WL 91-16-03
- (54) Galesville, WI - NL 44-08-30; WL 91-17-01
- (55) Galesville, WI - NL 44-04-04; WL 91-17-13
- (56) Holmen, WI - NL 43-59-55; WL 91-17-15
- (57) Holmen, WI - NL 43-59-04; WL 91-17-18
- (58) Holmen, WI - NL 43-58-20; WL 91-17-14
- (59) Holmen, WI - NL 43-57-13; WL 91-16-51
- (60) Pepin, WI - NL 44-26-14; WL 92-07-28
- (61) Nelson, WI - NL 44-24-35; WL 91-59-41
- (62) Mondovi, WI - NL 44-30-48; WL 91-46-20
- (63) Nelson, WI - NL 44-27-04; WL 91-53-49
- (64) Elmwood, WI - NL 44-43-30; WL 92-12-59
- (65) Maiden Rock, WI - NL 44-41-32; WL 92-18-34
- (66) Ellsworth, WI - NL 44-40-38; WL 92-22-39

Station Locations

- (67) Bay City, WI - NL 44-37-46; WL 92-27-08
- (68) Red Wing, WI - NL 44-36-57; WL 92-28-24
- (69) Clear Lake, WI - NL 45-14-17; WL 92-18-20
- (70) Glenwood City, WI - NL 45-07-15; WL 92-17-59
- (71) Glenwood City, WI - NL 45-02-06; WL 92-20-23
- (72) Woodville, WI - NL 44-56-17; WL 92-18-01
- (73) Woodville, WI - NL 44-56-05; WL 92-17-58
- (74) Baldwin, WI - NL 44-51-37; WL 92-19-35
- (75) Fountain City, WI - NL 44-07-07; WL 91-41-41
- (76) Fountain City, WI - NL 44-06-08; WL 91-40-52
- (77) Fountain City, WI - NL 44-05-35; WL 91-40-01
- (78) Fountain City, WI - NL 44-05-35; WL 91-40-01
- (79) Fountain City, WI - NL 44-05-07; WL 91-39-26
- (80) Fountain City, WI - NL 44-04-18; WL 91-37-17
- (81) Trempealeau, WI - NL 44-04-02; WL 91-31-52
- (82) Trempealeau, WI - NL 44-04-02; WL 91-31-52
- (83) Trempealeau, WI - NL 44-01-41; WL 91-27-26
- (84) Holmen, WI - NL 44-01-41; WL 91-27-26
- (85) Park Falls, WI - NL 45-57-10; WL 90-26-45
- (86) Butternut, WI - NL 45-57-05; WL 90-28-01
- (87) Phillips, WI - NL 45-44-12; WL 90-24-38
- (88) Phillips, WI - NL 45-43-24; WL 90-23-49
- (89) Pepin, WI - NL 45-42-27; WL 90-23-29
- (90) New Richmond, WI - NL 45-09-30; WL 92-30-27
- (91) Deer Park, WI - NL 45-14-15; WL 92-24-07
- (92) Deer Park, WI - NL 45-14-16; WL 92-22-20
- (93) Clear Lake, WI - NL 45-14-17; WL 92-20-48
- (94) Clear Lake, WI - NL 45-16-56; WL 92-18-24
- (95) Clear Lake, WI - NL 45-17-29; WL 92-19-01
- (96) Amery, WI - NL 45-22-21; WL 92-18-30
- (97) Clayton, WI - NL 45-19-05; WL 92-12-03
- (98) McLean, TX - NL 35-22-30; WL 100-43-00
- (99) Turtle Lake, WI - NL 45-23-27; WL 92-08-30
- (100) Vernon, TX - NL 34-05-09; WL 99-11-46
- (101) Vernon, TX - NL 33-56-54; WL 99-21-28
- (102) Vernon, TX - NL 34-02-57; WL 99-14-21
- (103) Crowell, TX - NL 33-55-04; WL 99-30-58
- (104) Crowell, TX - NL 33-55-17; WL 99-39-54
- (105) Crowell, TX - NL 33-55-10; WL 99-49-34
- (106) Crowell, TX - NL 33-55-26; WL 99-59-48
- (107) Paducah, TX - NL 33-56-22; WL 100-08-52
- (108) Paducah, TX - NL 33-55-59; WL 100-18-44
- (109) Paducah, TX - NL 33-55-54; WL 100-28-42
- (110) Roaring Springs, TX - NL 33-55-16; WL 100-38-22
- (111) Roaring Springs, TX - NL 33-55-16; WL 100-46-20
- (112) Matador, TX - NL 33-55-18; WL 100-56-48

Station Locations

(113 Floydada, TX - NL 33-55-18; WL 101-05-48
(114 Floydada, TX - NL 33-55-16; WL 101-16-18
(115 Floydada, TX - NL 33-55-13; WL 101-25-44
(116 Petersburg, TX - NL 33-53-45; WL 101-32-50
(117 Plainview, TX - NL 33-53-01; WL 101-42-40
(118 Abernathy, TX - NL 33-52-11; WL 101-50-10
(119 Hereford, TX - NL 34-49-16; WL 102-21-36
(120 Hereford, TX - NL 34-49-48; WL 102-19-48
(121 Hereford, TX - NL 34-50-34; WL 102-18-13
(122 Hereford, TX - NL 34-50-54; WL 102-16-35
(123 Dawn, TX - NL 34-54-16; WL 102-08-57
(124 Canyon, TX - NL 35-00-54; WL 102-07-58
(125 Amarillo, TX - NL 35-06-43; WL 102-05-58
(126 Amarillo, TX - NL 35-08-52; WL 102-05-57
(127 Shamrock, TX - NL 35-22-20; WL 100-22-46
(128 Wheeler, TX - NL 35-22-22; WL 100-12-03
(129 Wheeler, TX - NL 35-22-18; WL 100-04-07
(130 Amery, TX - NL 35-24-54; WL 101-56-25
(131 Amarillo, TX - NL 35-18-28; WL 101-55-19
(132 Amarillo, TX - NL 35-33-00; WL 101-56-08
(133 Channing, TX - NL 35-39-44; WL 101-52-31
(134 Dumas, TX - NL 35-46-48; WL 101-52-00
(135 Stinnett, TX - NL 35-49-48; WL 101-47-44
(136 Sunray, TX - NL 36-02-04; WL 101-47-35
(137 Sunray, TX - NL 36-00-11; WL 101-47-36
(138 Sunray, TX - NL 35-57-57; WL 101-47-40
(139 Sunray, TX - NL 36-03-42; WL 101-47-35
(140 Gruver, TX - NL 36-10-59; WL 101-47-14
(141 Gruver, TX - NL 36-14-25; WL 101-42-05
(142 Gruver, TX - NL 36-19-07; WL 101-36-45
(143 Gruver, TX - NL 36-23-16; WL 101-33-56
(144 Gruver, TX - NL 36-25-49; WL 101-28-04
(145 Spearman, TX - NL 36-29-39; WL 101-23-33
(146 Amery, TX - NL 35-18-28; WL 101-55-19
(147 Sunray, TX - NL 36-00-38; WL 101-45-27
(148 Sunray, TX - NL 36-04-02; WL 101-40-06
(149 Gruver, TX - NL 36-07-40; WL 101-35-47
(150 Gruver, TX - NL 36-12-44; WL 101-33-05
(151 Gruver, TX - NL 36-18-50; WL 101-29-49
(152 Gruver, TX - NL 36-25-50; WL 101-29-48
(153 Spearman, TX - NL 36-29-39; WL 101-23-32
(154 Sunray, TX - NL 35-57-58; WL 101-51-43
(155 Spearman, TX - NL 36-29-38; WL 101-23-32
(156 Gruver, TX - NL 36-26-44; WL 101-41-11
(157 Gruver, TX - NL 36-21-14; WL 101-49-27
(158 Sweetwater, OK - NL 35-22-58; WL 99-59-46

Station Locations

(159 Guymon, OK - NL 36-34-49; WL 101-19-54
(160 Guymon, OK - NL 36-41-20; WL 101-17-41
(161 Hooker, OK - NL 36-48-02; WL 101-17-45
(162 Hooker, OK - NL 36-56-09; WL 101-17-22
(163 Guymon, OK - NL 36-30-55; WL 101-32-52
(164 Guymon, OK - NL 36-33-02; WL 101-25-50
(165 Guymon, OK - NL 36-38-45; WL 101-29-00
(166 Guymon, OK - NL 36-39-37; WL 101-28-42
(167 Guymon, OK - NL 36-39-36; WL 101-30-37
(168 Guymon, OK - NL 36-39-38; WL 101-32-48
(169 Guymon, OK - NL 36-38-20; WL 101-32-45
(170 Guymon, OK - NL 36-30-55; WL 101-32-54
(171 Artesia, NM - NL 32-46-15; WL 104-07-49
(172 Hobbs, NM - NL 32-42-52; WL 103-21-05
(173 Artesia, NM - NL 32-48-53; WL 104-14-17
(174 Artesia, NM - NL 32-46-23; WL 103-58-28
(175 Hobbs, NM - NL 32-46-09; WL 103-48-26
(176 Hobbs, NM - NL 32-46-15; WL 103-39-12
(177 Lovington, NM - NL 32-46-14; WL 103-29-26
(178 Hobbs, NM - NL 32-46-06; WL 103-22-37
(179 Hobbs, NM - NL 32-40-05; WL 103-17-44
(180 Hobbs, NM - NL 32-36-43; WL 103-18-40
(181 Eunice, NM - NL 32-32-06; WL 103-17-47
(182 Eunice, NM - NL 32-31-02; WL 103-16-46
(183 Eunice, NM - NL 32-23-48; WL 103-17-46
(184 Jal, NM - NL 32-17-36; WL 103-17-08
(185 Jal, NM - NL 32-12-37; WL 103-15-45
(186 Jal, NM - NL 32-09-04; WL 103-37-24
(187 Jal, NM - NL 32-12-44; WL 103-31-52
(188 Jal, NM - NL 32-11-46; WL 103-35-40
(189 Jal, NM - NL 32-13-34; WL 103-44-32
(190 Loving, NM - NL 32-19-32; WL 103-49-45
(191 Carlsbad, NM - NL 32-24-23; WL 103-54-10
(192 Carlsbad, NM - NL 32-30-19; WL 103-58-02
(193 Jal, NM - NL 32-05-36; WL 103-43-32
(194 Artesia, NM - NL 32-34-20; WL 103-58-33
(195 Artesia, NM - NL 32-40-05; WL 103-58-21
(196 Artesia, NM - NL 32-40-05; WL 103-58-21
(197 Artesia, NM - NL 32-43-33; WL 103-57-40
(198 Hobbs, NM - NL 32-33-39; WL 103-48-14
(199 Carlsbad, NM - NL 32-31-03; WL 103-55-55
(200 Hobbs, NM - NL 32-42-52; WL 103-21-06
(201 Carlsbad, NM - NL 32-30-19; WL 103-58-02
(202 Hobbs, NM - NL 32-36-31; WL 103-58-02
(203 Hobbs, NM - NL 32-39-48; WL 103-30-15
(204 Hobbs, NM - NL 32-39-12; WL 103-23-56

Station Locations

(205 Hobbs, NM - NL 32-33-32; WL 103-34-50
(206 Hobbs, NM - NL 32-33-35; WL 103-44-16
(207 Hooker, NM - NL 32-33-38; WL 103-48-14
(208 Hobbs, NM - NL 32-42-48; WL 103-18-01
(209 Hobbs, NM - NL 32-35-09; WL 103-30-59
(210 Hobbs, NM - NL 32-38-29; WL 103-48-31
(211 Hobbs, NM - NL 32-45-49; WL 103-46-37
(212 Hobbs, NM - NL 32-48-45; WL 103-46-24
(213 Jal, NM - NL 32-13-53; WL 103-43-31
(214 Loving, NM - NL 32-17-30; WL 103-47-29
(215 Loving, NM - NL 32-22-26; WL 103-47-28
(216 Loving, NM - NL 32-05-51; WL 103-55-41
(217 Loving, NM - NL 32-09-50; WL 103-50-32
(218 Grand Forks, ND - NL 47-53-44; WL 97-04-02
(219 Grand Forks, ND - NL 47-52-53; WL 97-03-59
(220 Grand Forks, ND - NL 47-51-38; WL 97-04-02
(221 Reynolds, ND - NL 47-42-04; WL 97-03-55
(222 Buxton, ND - NL 47-35-06; WL 97-04-03
(223 Cummings, ND - NL 47-31-38; WL 97-04-14
(224 Hillsboro, ND - NL 47-24-15; WL 97-04-17
(225 Cummings, ND - NL 47-31-37; WL 97-05-32
(226 Mayville, ND - NL 47-31-37; WL 97-17-01
(227 Mayville, ND - NL 47-30-21; WL 97-19-36
(228 Hatton, ND - NL 47-36-51; WL 97-20-43
(229 Hatton, ND - NL 47-38-36; WL 97-27-07
(230 Taopi, MN - NL 43-33-27; WL 92-40-46
(231 Elkton, MN - NL 43-37-49; WL 92-40-39
(232 Dexter, MN - NL 43-43-56; WL 92-40-29
(233 Dexter, MN - NL 43-44-32; WL 92-40-07
(234 Pleasant Valley Town, MN - NL 43-47-59; WL 92-40-51
(235 Hayfield, MN - NL 43-54-24; WL 92-40-42
(236 Pine Island, MN - NL 44-09-05; WL 92-40-22
(237 Zumbrota, MN - NL 44-16-51; WL 92-39-21
(238 Goodhue, MN - NL 44-22-09; WL 92-39-49
(239 Red Wing, MN - NL 44-30-00; WL 92-39-53
(240 Red Wing, MN - NL 44-33-21; WL 92-39-56
(241 Welch, MN - NL 44-36-02; WL 92-39-50
(242 Welch, MN - NL 44-37-27; WL 92-38-05
(243 Hastings, MN - NL 44-37-35; WL 92-46-22
(244 Hampton, MN - NL 44-38-14; WL 92-56-38
(245 Fall Creek, WI - NL 44-44-04; WL 91-21-00
(246 Fall Creek, WI - NL 44-44-04; WL 91-21-00
(247 Byron, MN - NL 44-01-00; WL 92-40-13
(248 Hager City, WI - NL 44-35-39; WL 92-30-15
(249 Clear Lake, WI - NL 45-15-08; WL 92-16-31
(250 New Richmond, WI - NL 45-10-50; WL 92-29-23

Station Locations

(251 Pampa, TX - NL 35-23-00; WL 100-53-28

(252 Hampton, MN - NL 44-38-14; WL 92-56-38

(253 Farmington, MN - NL 44-36-58; WL 93-04-14

Frequency Information

Prentice, WI - NL 45-34-01; WL 90-18-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Phillips, WI - NL 45-40-33; WL 90-20-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Phillips, WI - NL 45-44-09; WL 90-26-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Phillips, WI - NL 45-47-41; WL 90-31-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Park Falls, WI - NL 45-53-44; WL 90-28-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Park Falls, WI - NL 45-56-18; WL 90-28-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Ogema, WI - NL 45-25-25; WL 90-19-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Westboro, WI - NL 45-19-21; WL 90-21-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Westboro, WI - NL 45-18-32; WL 90-17-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

McLean, TX - NL 35-22-17; WL 100-32-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Medford, WI - NL 45-14-57; WL 90-23-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Medford, WI - NL 45-09-11; WL 90-23-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Medford, WI - NL 45-07-35; WL 90-22-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Prentice, WI - NL 45-32-15; WL 90-19-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Prentice, WI - NL 45-32-57; WL 90-25-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Kennan, WI - NL 45-33-07; WL 90-35-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Hawkins, WI - NL 45-33-08; WL 90-46-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Glen Flora, WI - NL 45-33-18; WL 90-57-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Glen Flora, WI - NL 45-30-37; WL 90-55-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Tony, WI - NL 45-28-59; WL 90-55-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Sheldon, WI - NL 45-21-59; WL 90-56-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Sheldon, WI - NL 45-17-08; WL 90-57-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Holcombe, WI - NL 45-13-10; WL 91-03-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Holcombe, WI - NL 45-11-45; WL 91-08-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Cornell, WI - NL 45-10-18; WL 91-09-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Cornell, WI - NL 45-09-27; WL 91-09-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Cornell, WI - NL 45-08-32; WL 91-10-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Jim Falls, WI - NL 45-03-01; WL 91-16-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Humbird, WI - NL 44-35-46; WL 90-54-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Neilsville, WI - NL 44-35-40; WL 90-47-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Neilsville, WI - NL 44-34-24; WL 90-43-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Neilsville, WI - NL 44-34-05; WL 90-37-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Neilsville, WI - NL 44-33-47; WL 90-35-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Neilsville, WI - NL 44-33-36; WL 90-33-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Granton, WI - NL 44-34-06; WL 90-31-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Granton, WI - NL 44-34-29; WL 90-28-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Granton, WI - NL 44-34-56; WL 90-26-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Chili, WI - NL 44-38-29; WL 90-21-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Unity, WI - NL 44-45-24; WL 90-21-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Colby, WI - NL 44-54-39; WL 90-20-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Owen, WI - NL 44-54-28; WL 90-29-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Owen, WI - NL 44-55-03; WL 90-32-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Thorp, WI - NL 44-55-06; WL 90-42-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Stanley, WI - NL 44-55-09; WL 90-53-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Cadott, WI - NL 44-55-07; WL 91-05-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Chippewa Falls, WI - NL 44-55-08; WL 91-16-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Fall Creek, WI - NL 44-48-03; WL 91-22-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Fall Creek, WI - NL 44-43-51; WL 91-21-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Strum, WI - NL 44-31-18; WL 91-21-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Whitehall, WI - NL 44-25-50; WL 91-20-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Blair, WI - NL 44-20-10; WL 91-16-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Blair, WI - NL 44-17-34; WL 91-15-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Ettrick, WI - NL 44-11-11; WL 91-16-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Galesville, WI - NL 44-08-30; WL 91-17-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Galesville, WI - NL 44-04-04; WL 91-17-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Holmen, WI - NL 43-59-55; WL 91-17-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Holmen, WI - NL 43-59-04; WL 91-17-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Holmen, WI - NL 43-58-20; WL 91-17-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Holmen, WI - NL 43-57-13; WL 91-16-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Pepin, WI - NL 44-26-14; WL 92-07-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Nelson, WI - NL 44-24-35; WL 91-59-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Mondovi, WI - NL 44-30-48; WL 91-46-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Nelson, WI - NL 44-27-04; WL 91-53-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Elmwood, WI - NL 44-43-30; WL 92-12-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Maiden Rock, WI - NL 44-41-32; WL 92-18-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Ellsworth, WI - NL 44-40-38; WL 92-22-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Bay City, WI - NL 44-37-46; WL 92-27-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Red Wing, WI - NL 44-36-57; WL 92-28-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Clear Lake, WI - NL 45-14-17; WL 92-18-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Glenwood City, WI - NL 45-07-15; WL 92-17-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Glenwood City, WI - NL 45-02-06; WL 92-20-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Woodville, WI - NL 44-56-17; WL 92-18-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Woodville, WI - NL 44-56-05; WL 92-17-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Baldwin, WI - NL 44-51-37; WL 92-19-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Fountain City, WI - NL 44-07-07; WL 91-41-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Fountain City, WI - NL 44-06-08; WL 91-40-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Fountain City, WI - NL 44-05-35; WL 91-40-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Fountain City, WI - NL 44-05-35; WL 91-40-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Fountain City, WI - NL 44-05-07; WL 91-39-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Fountain City, WI - NL 44-04-18; WL 91-37-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Trempealeau, WI - NL 44-04-02; WL 91-31-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Trempealeau, WI - NL 44-04-02; WL 91-31-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Trempealeau, WI - NL 44-01-41; WL 91-27-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Holmen, WI - NL 44-01-41; WL 91-27-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Park Falls, WI - NL 45-57-10; WL 90-26-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Butternut, WI - NL 45-57-05; WL 90-28-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Phillips, WI - NL 45-44-12; WL 90-24-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Phillips, WI - NL 45-43-24; WL 90-23-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Pepin, WA - NL 45-42-27; WL 90-23-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

New Richmond, WI - NL 45-09-30; WL 92-30-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Deer Park, WI - NL 45-14-15; WL 92-24-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Deer Park, WI - NL 45-14-16; WL 92-22-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Clear Lake, WI - NL 45-14-17; WL 92-20-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Clear Lake, WI - NL 45-16-56; WL 92-18-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Clear Lake, WI - NL 45-17-29; WL 92-19-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Amery, WI - NL 45-22-21; WL 92-18-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Clayton, WI - NL 45-19-05; WL 92-12-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

McLean, TX - NL 35-22-30; WL 100-43-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Turtle Lake, WI - NL 45-23-27; WL 92-08-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Vernon, TX - NL 34-05-09; WL 99-11-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Vernon, TX - NL 33-56-54; WL 99-21-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	1M00FXN	486 W (ERP)	

Vernon, TX - NL 34-02-57; WL 99-14-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Crowell, TX - NL 33-55-04; WL 99-30-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Crowell, TX - NL 33-55-17; WL 99-39-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Crowell, TX - NL 33-55-10; WL 99-49-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Crowell, TX - NL 33-55-26; WL 99-59-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Paducah, TX - NL 33-56-22; WL 100-08-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Paducah, TX - NL 33-55-59; WL 100-18-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Paducah, TX - NL 33-55-54; WL 100-28-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Roaring Springs, TX - NL 33-55-16; WL 100-38-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Roaring Springs, TX - NL 33-55-16; WL 100-46-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Matador, TX - NL 33-55-18; WL 100-56-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Floydada, TX - NL 33-55-18; WL 101-05-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Floydada, TX - NL 33-55-16; WL 101-16-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Floydada, TX - NL 33-55-13; WL 101-25-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Petersburg, TX - NL 33-53-45; WL 101-32-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Plainview, TX - NL 33-53-01; WL 101-42-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Abernathy, TX - NL 33-52-11; WL 101-50-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hereford, TX - NL 34-49-16; WL 102-21-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hereford, TX - NL 34-49-48; WL 102-19-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Hereford, TX - NL 34-50-34; WL 102-18-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hereford, TX - NL 34-50-54; WL 102-16-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Dawn, TX - NL 34-54-16; WL 102-08-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Canyon, TX - NL 35-00-54; WL 102-07-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Amarillo, TX - NL 35-06-43; WL 102-05-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Amarillo, TX - NL 35-08-52; WL 102-05-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Shamrock, TX - NL 35-22-20; WL 100-22-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Wheeler, TX - NL 35-22-22; WL 100-12-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Wheeler, TX - NL 35-22-18; WL 100-04-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Amery, TX - NL 35-24-54; WL 101-56-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Amarillo, TX - NL 35-18-28; WL 101-55-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Amarillo, TX - NL 35-33-00; WL 101-56-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Channing, TX - NL 35-39-44; WL 101-52-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Dumas, TX - NL 35-46-48; WL 101-52-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Stinnett, TX - NL 35-49-48; WL 101-47-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Sunray, TX - NL 36-02-04; WL 101-47-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Sunray, TX - NL 36-00-11; WL 101-47-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Sunray, TX - NL 35-57-57; WL 101-47-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Sunray, TX - NL 36-03-42; WL 101-47-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Gruver, TX - NL 36-10-59; WL 101-47-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Gruver, TX - NL 36-14-25; WL 101-42-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Gruver, TX - NL 36-19-07; WL 101-36-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Gruver, TX - NL 36-23-16; WL 101-33-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Gruver, TX - NL 36-25-49; WL 101-28-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Spearman, TX - NL 36-29-39; WL 101-23-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 pW (ERP)	

Amery, TX - NL 35-18-28; WL 101-55-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Sunray, TX - NL 36-00-38; WL 101-45-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Sunray, TX - NL 36-04-02; WL 101-40-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Gruver, TX - NL 36-07-40; WL 101-35-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Gruver, TX - NL 36-12-44; WL 101-33-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Gruver, TX - NL 36-18-50; WL 101-29-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Gruver, TX - NL 36-25-50; WL 101-29-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Spearman, TX - NL 36-29-39; WL 101-23-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Sunray, TX - NL 35-57-58; WL 101-51-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Spearman, TX - NL 36-29-38; WL 101-23-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Gruver, TX - NL 36-26-44; WL 101-41-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Gruver, TX - NL 36-21-14; WL 101-49-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Sweetwater, OK - NL 35-22-58; WL 99-59-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Guymon, OK - NL 36-34-49; WL 101-19-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Guymon, OK - NL 36-41-20; WL 101-17-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Hooker, OK - NL 36-48-02; WL 101-17-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hooker, OK - NL 36-56-09; WL 101-17-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Guymon, OK - NL 36-30-55; WL 101-32-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Guymon, OK - NL 36-33-02; WL 101-25-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Guymon, OK - NL 36-38-45; WL 101-29-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Guymon, OK - NL 36-39-37; WL 101-28-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Guymon, OK - NL 36-39-36; WL 101-30-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Guymon, OK - NL 36-39-38; WL 101-32-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Guymon, OK - NL 36-38-20; WL 101-32-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Guymon, OK - NL 36-30-55; WL 101-32-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Artesia, NM - NL 32-46-15; WL 104-07-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-42-52; WL 103-21-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Artesia, NM - NL 32-48-53; WL 104-14-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Artesia, NM - NL 32-46-23; WL 103-58-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-46-09; WL 103-48-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-46-15; WL 103-39-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Lovington, NM - NL 32-46-14; WL 103-29-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-46-06; WL 103-22-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-40-05; WL 103-17-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-36-43; WL 103-18-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Eunice, NM - NL 32-32-06; WL 103-17-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Eunice, NM - NL 32-31-02; WL 103-16-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Eunice, NM - NL 32-23-48; WL 103-17-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Jal, NM - NL 32-17-36; WL 103-17-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Jal, NM - NL 32-12-37; WL 103-15-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Jal, NM - NL 32-09-04; WL 103-37-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Jal, NM - NL 32-12-44; WL 103-31-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Jal, NM - NL 32-11-46; WL 103-35-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Jal, NM - NL 32-13-34; WL 103-44-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Loving, NM - NL 32-19-32; WL 103-49-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Carlsbad, NM - NL 32-24-23; WL 103-54-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Carlsbad, NM - NL 32-30-19; WL 103-58-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Jal, NM - NL 32-05-36; WL 103-43-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Artesia, NM - NL 32-34-20; WL 103-58-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Artesia, NM - NL 32-40-05; WL 103-58-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Artesia, NM - NL 32-40-05; WL 103-58-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Artesia, NM - NL 32-43-33; WL 103-57-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-33-39; WL 103-48-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Carlsbad, NM - NL 32-31-03; WL 103-55-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-42-52; WL 103-21-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Carlsbad, NM - NL 32-30-19; WL 103-58-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-36-31; WL 103-58-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-39-48; WL 103-30-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-39-12; WL 103-23-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Hobbs, NM - NL 32-33-32; WL 103-34-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-33-35; WL 103-44-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hooker, NM - NL 32-33-38; WL 103-48-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-42-48; WL 103-18-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Hobbs, NM - NL 32-35-09; WL 103-30-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-38-29; WL 103-48-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-45-49; WL 103-46-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hobbs, NM - NL 32-48-45; WL 103-46-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Jal, NM - NL 32-13-53; WL 103-43-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Loving, NM - NL 32-17-30; WL 103-47-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Loving, NM - NL 32-22-26; WL 103-47-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Loving, NM - NL 32-05-51; WL 103-55-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Loving, NM - NL 32-09-50; WL 103-50-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Grand Forks, ND - NL 47-53-44; WL 97-04-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Grand Forks, ND - NL 47-52-53; WL 97-03-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Grand Forks, ND - NL 47-51-38; WL 97-04-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Reynolds, ND - NL 47-42-04; WL 97-03-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Buxton, ND - NL 47-35-06; WL 97-04-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Cummings, ND - NL 47-31-38; WL 97-04-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hillsboro, ND - NL 47-24-15; WL 97-04-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Cummings, ND - NL 47-31-37; WL 97-05-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Mayville, ND - NL 47-31-37; WL 97-17-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Mayville, ND - NL 47-30-21; WL 97-19-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hatton, ND - NL 47-36-51; WL 97-20-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Hatton, ND - NL 47-38-36; WL 97-27-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Taopi, MN - NL 43-33-27; WL 92-40-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Elkton, MN - NL 43-37-49; WL 92-40-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Dexter, MN - NL 43-43-56; WL 92-40-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Dexter, MN - NL 43-44-32; WL 92-40-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Pleasant Valley Town, MN - NL 43-47-59; WL 92-40-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hayfield, MN - NL 43-54-24; WL 92-40-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Pine Island, MN - NL 44-09-05; WL 92-40-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Zumbrota, MN - NL 44-16-51; WL 92-39-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Goodhue, MN - NL 44-22-09; WL 92-39-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Red Wing, MN - NL 44-30-00; WL 92-39-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Red Wing, MN - NL 44-33-21; WL 92-39-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Welch, MN - NL 44-36-02; WL 92-39-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Welch, MN - NL 44-37-27; WL 92-38-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hastings, MN - NL 44-37-35; WL 92-46-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hampton, MN - NL 44-38-14; WL 92-56-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Fall Creek, WI - NL 44-44-04; WL 91-21-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Fall Creek, WI - NL 44-44-04; WL 91-21-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Byron, MN - NL 44-01-00; WL 92-40-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hager City, WI - NL 44-35-39; WL 92-30-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Clear Lake, WI - NL 45-15-08; WL 92-16-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

New Richmond, WI - NL 45-10-50; WL 92-29-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Pampa, TX - NL 35-23-00; WL 100-53-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Hampton, MN - NL 44-38-14; WL 92-56-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 W (ERP)	

Frequency Information

Farmington, MN - NL 44-36-58; WL 93-04-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24450-24650 MHz	FX	190MFXN	486 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) 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.
- (3) Phoenix Air Unmanned, LLC must ensure that this operation is limited to Detect and Avoid operations. It shall not be used for radiolocation purposes such as UAS detection for security perimeters, drone interdiction or counter UAS purposes.
- (4) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (5) The authorized station must be in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules.
- (6) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (7) Experimental station shall use the minimum power level necessary to close the communications link to minimize potential interference to licensed users.
- (8) Experimental station authorized herein must not be used for air traffic control communications.
- (9) Aircraft operations are limited to U.S.-registered aircraft.
- (10) The stop buzzer contact for this project : William Wheeler
wwheeler@phoenixair.com
Mobile +1-678-313-1768
- (11) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (12) No automatic renewal for this authorization.