

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

EXPERIMENTAL

(Nature of Service)

XD      FX

(Class of Station)

WF2XMP

(Call Sign)

0103-EX-CM-2019

(File Number)

NAME Rockwell Collins, 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(j) of the Commission's Rules

Station Locations

- (1) Cedar Rapids (LINN), IA - NL 42-00-38; WL 91-38-45
- (2) Oxford Junction (CLINTON), IA - NL 41-57-41; WL 90-53-37
- (3) Richardson (COLLIN), TX - NL 32-59-43; WL 96-39-37
- (4) Las Cruces (DONA ANA), NM - NL 32-16-44; WL 106-45-14
- (5) Cedar Rapids (LINN), IA - NL 42-01-45; WL 91-39-40
- (6) Fort Huachuca (COCHISE), AZ - NL 31-34-57; WL 110-20-16
- (7) San Diego (SAN DIEGO), CA - NL 32-42-32; WL 117-14-55
- (8) Denton, TX - NL 33-13-16; WL 97-05-09
- (9) Kansas City, MO - NL 38-57-42; WL 94-36-02
- (10) Arlington, VA - NL 38-53-00; WL 77-07-00
- (11) Barrow (North Slope), AK - NL 71-15-30; WL 156-34-39
- (12) Dixon (SOLANO), CA - NL 38-23-07; WL 121-45-36
- (13) Molokai (MAUI), HI - NL 21-11-05; WL 157-11-13
- (14) Riverhead (SUFFOLK), NY - NL 40-52-54; WL 72-38-15
- (15) Melbourne (BREVARD), FL - NL 28-05-12; WL 80-38-28
- (16) Annapolis (ANNE ARUNDEL), MD - NL 38-58-36; WL 76-33-00
- (17) Bohemia (SUFFOLK), NY - NL 40-46-49; WL 73-05-44

This authorization effective June 26, 2019 and  
will expire 3:00 A.M. EST June 27, 2021

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Cedar Rapids (LINN), IA - NL 42-00-38; WL 91-38-45

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Cedar Rapids (LINN), IA - NL 42-00-38; WL 91-38-45

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7410-7483 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz        | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Cedar Rapids (LINN), IA - NL 42-00-38; WL 91-38-45

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Cedar Rapids (LINN), IA - NL 42-00-38; WL 91-38-45

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Oxford Junction (CLINTON), IA - NL 41-57-41; WL 90-53-37

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Oxford Junction (CLINTON), IA - NL 41-57-41; WL 90-53-37

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz      | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Oxford Junction (CLINTON), IA - NL 41-57-41; WL 90-53-37

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Oxford Junction (CLINTON), IA - NL 41-57-41; WL 90-53-37

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Oxford Junction (CLINTON), IA - NL 41-57-41; WL 90-53-37

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Richardson (COLLIN), TX - NL 32-59-43; WL 96-39-37

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Richardson (COLLIN), TX - NL 32-59-43; WL 96-39-37

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz      | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Richardson (COLLIN), TX - NL 32-59-43; WL 96-39-37

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Richardson (COLLIN), TX - NL 32-59-43; WL 96-39-37

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Richardson (COLLIN), TX - NL 32-59-43; WL 96-39-37

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Las Cruces (DONA ANA), NM - NL 32-16-44; WL 106-45-14

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Las Cruces (DONA ANA), NM - NL 32-16-44; WL 106-45-14

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 6060-6160 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz        | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Las Cruces (DONA ANA), NM - NL 32-16-44; WL 106-45-14

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Las Cruces (DONA ANA), NM - NL 32-16-44; WL 106-45-14

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-45; WL 91-39-40

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-45; WL 91-39-40

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7410-7483 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz        | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

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Cedar Rapids (LINN), IA - NL 42-01-45; WL 91-39-40

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-45; WL 91-39-40

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Fort Huachuca (COCHISE), AZ - NL 31-34-57; WL 110-20-16

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Fort Huachuca (COCHISE), AZ - NL 31-34-57; WL 110-20-16

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>4K00D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz      | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Fort Huachuca (COCHISE), AZ - NL 31-34-57; WL 110-20-16

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Fort Huachuca (COCHISE), AZ - NL 31-34-57; WL 110-20-16

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Fort Huachuca (COCHISE), AZ - NL 31-34-57; WL 110-20-16

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

San Diego (SAN DIEGO), CA - NL 32-42-32; WL 117-14-55

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

San Diego (SAN DIEGO), CA - NL 32-42-32; WL 117-14-55

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz      | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

San Diego (SAN DIEGO), CA - NL 32-42-32; WL 117-14-55

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

San Diego (SAN DIEGO), CA - NL 32-42-32; WL 117-14-55

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

San Diego (SAN DIEGO), CA - NL 32-42-32; WL 117-14-55

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Denton, TX - NL 33-13-16; WL 97-05-09

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>4K00D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Denton, TX - NL 33-13-16; WL 97-05-09

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 6060-6160 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz        | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Denton, TX - NL 33-13-16; WL 97-05-09

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Denton, TX - NL 33-13-16; WL 97-05-09

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Kansas City, MO - NL 38-57-42; WL 94-36-02

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Kansas City, MO - NL 38-57-42; WL 94-36-02

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7410-7483 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz        | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Kansas City, MO - NL 38-57-42; WL 94-36-02

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Kansas City, MO - NL 38-57-42; WL 94-36-02

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Arlington, VA - NL 38-53-00; WL 77-07-00

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Arlington, VA - NL 38-53-00; WL 77-07-00

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz      | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Arlington, VA - NL 38-53-00; WL 77-07-00

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Arlington, VA - NL 38-53-00; WL 77-07-00

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Arlington, VA - NL 38-53-00; WL 77-07-00

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Barrow (North Slope), AK - NL 71-15-30; WL 156-34-39

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Barrow (North Slope), AK - NL 71-15-30; WL 156-34-39

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 5100-5315 kHz | FX            | 48K0D1D<br>48K0J1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz      | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Barrow (North Slope), AK - NL 71-15-30; WL 156-34-39

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Barrow (North Slope), AK - NL 71-15-30; WL 156-34-39

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Barrow (North Slope), AK - NL 71-15-30; WL 156-34-39

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Dixon (SOLANO), CA - NL 38-23-07; WL 121-45-36

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Dixon (SOLANO), CA - NL 38-23-07; WL 121-45-36

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 6060-6160 kHz   | FX            | 48K0D1D<br>48K0J1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz        | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Dixon (SOLANO), CA - NL 38-23-07; WL 121-45-36

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Dixon (SOLANO), CA - NL 38-23-07; WL 121-45-36

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0D1D<br>48K0J1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Molokai (MAUI), HI - NL 21-11-05; WL 157-11-13

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Molokai (MAUI), HI - NL 21-11-05; WL 157-11-13

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7410-7483 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz        | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Molokai (MAUI), HI - NL 21-11-05; WL 157-11-13

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0D1D<br>48K0J1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Molokai (MAUI), HI - NL 21-11-05; WL 157-11-13

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0D1D<br>48K0J1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Riverhead (SUFFOLK), NY - NL 40-52-54; WL 72-38-15

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Riverhead (SUFFOLK), NY - NL 40-52-54; WL 72-38-15

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz      | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Riverhead (SUFFOLK), NY - NL 40-52-54; WL 72-38-15

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Riverhead (SUFFOLK), NY - NL 40-52-54; WL 72-38-15

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Riverhead (SUFFOLK), NY - NL 40-52-54; WL 72-38-15

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Melbourne (BREVARD), FL - NL 28-05-12; WL 80-38-28

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 2515-3171 kHz | FX            | 48K0D1D<br>48K0J1D  | 25 kW (ERP)      |                           |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Melbourne (BREVARD), FL - NL 28-05-12; WL 80-38-28

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7410-7483 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7674 kHz      | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 7990-8060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 9050-9350 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Melbourne (BREVARD), FL - NL 28-05-12; WL 80-38-28

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Melbourne (BREVARD), FL - NL 28-05-12; WL 80-38-28

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

## Frequency Information

Melbourne (BREVARD), FL - NL 28-05-12; WL 80-38-28

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0D1D  | 25 kW (ERP)      |                           |

Annapolis (ANNE ARUNDEL), MD - NL 38-58-36; WL 76-33-00

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |

## Frequency Information

Annapolis (ANNE ARUNDEL), MD - NL 38-58-36; WL 76-33-00

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 6060-6160 kHz   | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 6770-6970 kHz   | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 7410-7483 kHz   | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 7674 kHz        | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |

## Frequency Information

Annapolis (ANNE ARUNDEL), MD - NL 38-58-36; WL 76-33-00

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |

## Frequency Information

Annapolis (ANNE ARUNDEL), MD - NL 38-58-36; WL 76-33-00

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |

## Frequency Information

Bohemia (SUFFOLK), NY - NL 40-46-49; WL 73-05-44

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2485 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 2515-3171 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 3260-3490 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 4636-4950 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 5100-5315 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 5760-5960 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 6060-6160 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 6770-6970 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |

## Frequency Information

Bohemia (SUFFOLK), NY - NL 40-46-49; WL 73-05-44

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7410-7483 kHz   | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 7674 kHz        | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 7990-8060 kHz   | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 9050-9350 kHz   | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 10200-10400 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 10600-10800 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 11550-12090 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 13850-13990 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |

## Frequency Information

Bohemia (SUFFOLK), NY - NL 40-46-49; WL 73-05-44

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 14360-14550 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 15760-15860 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 15960-16060 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 16160-17450 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 18178-18610 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 19460-19980 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 20020-20460 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 21460-21860 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |

## Frequency Information

Bohemia (SUFFOLK), NY - NL 40-46-49; WL 73-05-44

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 22860-23160 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 23460-24460 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 25230-26490 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 26910-27440 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |
| 27990-29720 kHz | FX            | 48K0J1D<br>48K0J3E  | 5 kW (ERP)       | 0.005 %                   |

## 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

**Special Conditions:**

- (4) The following frequency bands must be notched out:

2495-2505 kHz , Benson AZ  
2495-2505 kHz, Cedar Rapid, IA  
2495-2505 kHz, Fort Huachuca, AZ  
2495-2505 kHz, San Diego, CA  
2495-2505 kHz, West Lafayette, IN

19990-20010 kHz, Cedar Rapid, IA  
19990-20010 kHz, Fort Huachuca, AZ  
19990-20010 kHz, San Diego, CA  
19990-20010 kHz, West Lafayette, IN

- (5) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Joe Splean at 319-295-6691.

- (6) The following frequency bands must be notched out:

19990-20010 kHz, Tampa, FL  
19990-20010 kHz, Denton, TX  
19990-20010 kHz, Kansas City, MO  
19990-20010 kHz, Arlington, VA