| | | | | |
|---|---|---|---|---|
| 6663.75 | | ..... | 6823.75 | |
| 6666.25 | | ..... | 6826.25 | |
| 6668.75 | | ..... | 6828.75 | |
| 6671.25 | | ..... | 6831.25 | |
| 6673.75 | | ..... | 6833.75 | |
| 6676.25 | | ..... | 6836.25 | |
| 6678.75 | | ..... | 6838.75 | |
| 6681.25 | | ..... | 6841.25 | |
| 6683.75 | | ..... | 6843.75 | |
| 6686.25 | | ..... | 6846.25 | |
| 6688.75 | | ..... | 6848.75 | |
| 6691.25 | | ..... | 6851.25 | |
| 6693.75 | | ..... | 6853.75 | |
| 6696.25 | | ..... | 6856.25 | |
| 6698.75 | | ..... | 6858.75 | |
| 6701.25 | | ..... | 6861.25 | |
| 6703.75 | | ..... | 6863.75 | |
| 6706.25 | | ..... | 6866.25 | |
| 6708.75 | 1 | ..... | 6711.25 | 1 |

1 - These frequencies may be assigned for unpaired use.

(5) 3.75 MHz bandwidth channels:

| Transmit (receive) (MHz) | | | Receive (transmit) (MHz) | |
|---|---|---|---|---|
| 6545.625 | 1 | ..... | 6715.625 | 1 |
| 6550.625 | | ..... | 6730.625 | |
| 6555.625 | 1 | ..... | 6725.625 | 1 |
| 6560.625 | | ..... | 6740.625 | |
| 6565.625 | | ..... | 6735.625 | |
| 6585.625 | | ..... | 6745.625 | |
| 6590.625 | | ..... | 6750.625 | |
| 6595.625 | | ..... | 6755.625 | |
| 6600.625 | | ..... | 6760.625 | |
| 6605.625 | | ..... | 6765.625 | |
| 6610.625 | | ..... | 6770.625 | |
| 6615.625 | | ..... | 6775.625 | |
| 6620.625 | | ..... | 6780.625 | |
| 6625.625 | | ..... | 6785.625 | |
| 6630.625 | | ..... | 6790.625 | |
| 6635.625 | | ..... | 6795.625 | |
| 6640.625 | | ..... | 6800.625 | |
| 6645.625 | | ..... | 6805.625 | |
| 6650.625 | | ..... | 6810.625 | |
| 6655.625 | | ..... | 6815.625 | |
| 6660.625 | | ..... | 6820.625 | |
| 6665.625 | | ..... | 6825.625 | |
| 6670.625 | | ..... | 6830.625 | |
| 6675.625 | | ..... | 6835.625 | |
| 6680.625 | | ..... | 6840.625 | |

| | | | | |
|---|---|---|---|---|
| 6685.625 | | ..... | 6845.625 | |
| 6690.625 | | ..... | 6850.625 | |
| 6695.625 | | ..... | 6855.625 | |
| 6700.625 | | ..... | 6860.625 | |
| 6705.625 | | ..... | 6865.625 | |
| 6710.625 | 1 | ..... | 6720.625 | 1 |

1 - These frequencies may be assigned for unpaired use.

(6) 5 MHz bandwidth channels:

| Transmit (receive) (MHz) | | | Receive (transmit) (MHz) | |
|---|---|---|---|---|
| 6545 | 1 | ..... | 6715 | 1 |
| 6550 | | ..... | 6730 | |
| 6555 | 1 | ..... | 6725 | 1 |
| 6560 | | ..... | 6740 | |
| 6565 | | ..... | 6735 | |
| 6585 | | ..... | 6745 | |
| 6590 | | ..... | 6750 | |
| 6595 | | ..... | 6755 | |
| 6600 | | ..... | 6760 | |
| 6605 | | ..... | 6765 | |
| 6610 | | ..... | 6770 | |
| 6615 | | ..... | 6775 | |
| 6620 | | ..... | 6780 | |
| 6625 | | ..... | 6785 | |
| 6630 | | ..... | 6790 | |
| 6635 | | ..... | 6795 | |
| 6640 | | ..... | 6800 | |
| 6645 | | ..... | 6805 | |
| 6650 | | ..... | 6810 | |
| 6655 | | ..... | 6815 | |
| 6660 | | ..... | 6820 | |
| 6665 | | ..... | 6825 | |
| 6670 | | ..... | 6830 | |
| 6675 | | ..... | 6835 | |
| 6680 | | ..... | 6840 | |
| 6685 | | ..... | 6845 | |
| 6690 | | ..... | 6850 | |
| 6695 | | ..... | 6855 | |
| 6700 | | ..... | 6860 | |
| 6705 | | ..... | 6865 | |
| 6710 | 1 | ..... | 6720 | 1 |

1 - These frequencies may be assigned for unpaired use.

(7) 10 MHz bandwidth channels:

| Transmit (receive) (MHz) | | | Receive (transmit) (MHz) | |
|---|---|---|---|---|
| 6545 | 1 | ..... | 6715 | 1 |
| 6555 | 1 | ..... | 6725 | 1 |
| 6565 | | ..... | 6735 | |
| 6585 | | ..... | 6745 | |
| 6595 | | ..... | 6755 | |
| 6605 | | ..... | 6765 | |
| 6615 | | ..... | 6775 | |
| 6625 | | ..... | 6785 | |
| 6635 | | ..... | 6795 | |
| 6645 | | ..... | 6805 | |
| 6655 | | ..... | 6815 | |
| 6665 | | ..... | 6825 | |
| 6675 | | ..... | 6835 | |
| 6685 | | ..... | 6845 | |
| 6695 | | ..... | 6855 | |
| 6705 | | ..... | 6865 | |
| 6535 | 2 | ..... | 6575 | 2 |

1 - These frequencies may be assigned for unpaired use.
2 - Available only for emergency restoration, maintenance bypass, or other temporary-fixed purposes. Such uses are authorized on a non-interference basis to other frequencies in this band. Interference analysis required by Section 94.63 does not apply to this frequency pair.

(g) 10,550 to 10,680 MHz. 5 MHz authorized bandwidth.

(1) 400 kHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 10605.225 | ..... | 10670.225 |
| 10605.625 | ..... | 10670.625 |
| 10606.050 | ..... | 10671.050 |
| 10606.450 | ..... | 10671.450 |
| 10606.875 | ..... | 10671.875 |
| 10607.275 | ..... | 10672.275 |
| 10607.725 | ..... | 10672.725 |
| 10608.125 | ..... | 10673.125 |
| 10608.550 | ..... | 10673.550 |
| 10608.950 | ..... | 10673.950 |
| 10609.375 | ..... | 10674.375 |
| 10609.775 | ..... | 10674.775 |
| 10610.225 | ..... | 10675.225 |
| 10610.625 | ..... | 10675.625 |
| 10611.050 | ..... | 10676.050 |

| | |
|---|---|
| 10611.450 | 10676.450 |
| 10611.875 | 10676.875 |
| 10612.275 | 10677.275 |
| 10612.725 | 10677.725 |
| 10613.125 | 10678.125 |
| 10613.550 | 10678.550 |
| 10613.950 | 10678.950 |
| 10614.375 | 10679.375 |
| 10614.775 | 10679.775 |

(2) 800 kHz bandwidth channels:

| Transmit (receive) (MHz) | Receive (transmit) (MHz) |
|---|---|
| 10605.425 | 10670.425 |
| 10606.250 | 10671.250 |
| 10607.075 | 10672.075 |
| 10607.925 | 10672.925 |
| 10608.750 | 10673.750 |
| 10609.575 | 10674.575 |
| 10610.425 | 10675.425 |
| 10611.250 | 10676.250 |
| 10612.075 | 10677.075 |
| 10612.925 | 10677.925 |
| 10613.750 | 10678.750 |
| 10614.575 | 10679.575 |

(3) 1.25 MHz bandwidth channels:

| Transmit (receive) (MHz) | Receive (transmit) (MHz) |
|---|---|
| 10550.625 | 10615.625 |
| 10551.875 | 10616.875 |
| 10553.125 | 10618.125 |
| 10554.375 | 10619.375 |
| 10555.625 | 10620.625 |
| 10556.875 | 10621.875 |
| 10558.125 | 10623.125 |
| 10559.375 | 10624.375 |
| 10560.625 1 | 10625.625 1 |
| 10561.875 1 | 10626.875 1 |
| 10563.125 1 | 10628.125 1 |
| 10564.375 1 | 10629.375 1 |
| 10565.625 | 10630.625 |
| 10566.875 | 10631.875 |
| 10568.125 | 10633.125 |
| 10569.375 | 10634.375 |

| | |
|---|---|
| 10570.625 | 10635.625 |
| 10571.875 | 10636.875 |
| 10573.125 | 10638.125 |
| 10574.375 | 10639.375 |
| 10575.625 | 10640.625 |
| 10576.875 | 10641.875 |
| 10578.125 | 10643.125 |
| 10579.375 | 10644.375 |
| 10580.625 | 10645.625 |
| 10581.875 | 10646.875 |
| 10583.125 | 10648.125 |
| 10584.375 | 10649.375 |
| 10585.625 | 10650.625 |
| 10586.875 | 10651.875 |
| 10588.125 | 10653.125 |
| 10589.375 | 10654.375 |
| 10590.625 | 10655.625 |
| 10591.875 | 10656.875 |
| 10593.125 | 10658.125 |
| 10594.375 | 10659.375 |
| 10595.625 | 10660.625 |
| 10596.875 | 10661.875 |
| 10598.125 | 10663.125 |
| 10599.375 | 10664.375 |
| 10600.625 | 10665.625 |
| 10601.875 | 10666.875 |
| 10603.125 | 10668.125 |
| 10604.375 | 10669.375 |
| 10605.625 | 10670.625 |
| 10606.875 | 10671.875 |
| 10608.125 | 10673.125 |
| 10609.375 | 10674.375 |
| 10610.625 | 10675.625 |
| 10611.875 | 10676.875 |
| 10613.125 | 10678.125 |
| 10614.375 | 10679.375 |

1 These frequencies are also available for DTS stations licensed, in operation, or applied for prior to July 15, 1993.

(4) 2.5 MHz bandwidth channels:

| Transmit (receive) (MHz) | Receive (transmit) (MHz) |
|---|---|
| 10551.25 1 | 10616.25 1 |
| 10553.75 1 | 10618.75 1 |
| 10556.25 1 | 10621.25 1 |
| 10558.75 1 | 10623.75 1 |
| 10561.25 | 10626.25 |
| 10563.75 | 10628.75 |
| 10566.25 | 10631.25 |
| 10568.75 | 10633.75 |

| | | | |
|---|---|---|---|
| 10571.25 | | 10636.25 | |
| 10573.75 | | 10638.75 | |
| 10576.25 | | 10641.25 | |
| 10578.75 | | 10643.75 | |
| 10581.25 | | 10646.25 | |
| 10583.75 | | 10648.75 | |
| 10586.25 | 1 | 10651.25 | 1 |
| 10588.75 | 1 | 10653.75 | 1 |
| 10591.25 | 1 | 10656.25 | 1 |
| 10593.75 | 1 | 10658.75 | 1 |
| 10596.25 | 1 | 10661.25 | 1 |
| 10598.75 | 1 | 10663.75 | 1 |
| 10601.25 | 1 | 10666.25 | 1 |
| 10603.75 | 1 | 10668.75 | 1 |
| 10606.25 | 1 | 10671.25 | 1 |
| 10608.75 | 1 | 10673.75 | 1 |
| 10611.25 | 1 | 10676.25 | 1 |
| 10613.75 | 1 | 10678.75 | 1 |

1 These frequencies are also available for DTS stations licensed, in operation, or applied for prior to July 15, 1993.

(5) 3.75 MHz bandwidth channels:

| Transmit (receive) (MHz) | Receive (transmit) (MHz) |
|---|---|
| 10553.125 | 10618.125 |
| 10558.125 | 10623.125 |
| 10563.125 | 10628.125 |
| 10568.125 | 10633.125 |
| 10573.125 | 10638.125 |
| 10578.125 | 10643.125 |
| 10583.125 | 10648.125 |
| 10588.125 | 10653.125 |
| 10593.125 | 10658.125 |
| 10598.125 | 10663.125 |
| 10603.125 | 10668.125 |

(6) 5 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) | |
|---|---|---|---|
| 10552.5 | | 10617.5 | |
| 10557.5 | | 10622.5 | |
| 10562.5 | | 10627.5 | |
| 10567.5 | 1 | 10632.5 | 1 |
| 10572.5 | 1 | 10637.5 | 1 |
| 10577.5 | 1 | 10642.5 | 1 |
| 10582.5 | 1 | 10647.5 | 1 |

| | |
|---|---|
| 10587.5 | 10652.5 |
| 10592.5 | 10657.5 |
| 10597.5 | 10662.5 |
| 10602.5 | 10667.5 |

1 These frequencies are also available for DTS stations licensed, in operation, or applied for prior to July 15, 1993.

(h) 10,700 to 11,700 MHz. 40 MHz authorized bandwidth.

(1) 1.25 MHz bandwidth channels:

| Transmit (receive) (MHz) | Receive (transmit) (MHz) |
|---|---|
| 11130.625 | 11620.625 |
| 11131.875 | 11621.875 |
| 11133.125 | 11623.125 |
| 11134.375 | 11624.375 |
| 11135.625 | 11625.625 |
| 11136.875 | 11626.875 |
| 11138.125 | 11628.125 |
| 11139.375 | 11629.375 |
| 11140.625 | 11630.625 |
| 11141.875 | 11631.875 |
| 11143.125 | 11633.125 |
| 11144.375 | 11634.375 |
| 11145.625 | 11635.625 |
| 11146.875 | 11636.875 |
| 11148.125 | 11638.125 |
| 11149.375 | 11639.375 |
| 11150.625 | 11640.625 |
| 11151.875 | 11641.875 |
| 11153.125 | 11643.125 |
| 11154.375 | 11644.375 |
| 11155.625 | 11645.625 |
| 11156.875 | 11646.875 |
| 11158.125 | 11648.125 |
| 11159.375 | 11649.375 |
| 11160.625 | 11650.625 |
| 11161.875 | 11651.875 |
| 11163.125 | 11653.125 |
| 11164.375 | 11654.375 |
| 11165.625 | 11655.625 |
| 11166.875 | 11656.875 |
| 11168.125 | 11658.125 |
| 11169.375 | 11659.375 |
| 11170.625 | 11660.625 |
| 11171.875 | 11661.875 |
| 11173.125 | 11663.125 |
| 11174.375 | 11664.375 |
| 11175.625 | 11665.625 |
| 11176.875 | 11666.875 |

| | | |
|---|---|---|
| 11178.125 | ..... | 11668.125 |
| 11179.375 | ..... | 11669.375 |
| 11180.625 | ..... | 11680.625 |
| 11181.875 | ..... | 11681.875 |
| 11183.125 | ..... | 11683.125 |
| 11184.375 | ..... | 11684.375 |
| 11185.625 | ..... | 11685.625 |
| 11186.875 | ..... | 11686.875 |
| 11188.125 | ..... | 11688.125 |
| 11189.375 | ..... | 11689.375 |
| 11190.625 | ..... | 11690.625 |
| 11191.875 | ..... | 11691.875 |
| 11193.125 | ..... | 11693.125 |
| 11194.375 | ..... | 11694.375 |
| 11195.625 | ..... | 11695.625 |
| 11196.875 | ..... | 11696.875 |
| 11198.125 | ..... | 11698.125 |
| 11199.375 | ..... | 11699.375 |

(2) 2.5 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 11131.25 | ..... | 11621.25 |
| 11133.75 | ..... | 11623.75 |
| 11136.25 | ..... | 11626.25 |
| 11138.75 | ..... | 11628.75 |
| 11141.25 | ..... | 11631.25 |
| 11143.75 | ..... | 11633.75 |
| 11146.25 | ..... | 11636.25 |
| 11148.75 | ..... | 11638.75 |
| 11151.25 | ..... | 11641.25 |
| 11153.75 | ..... | 11643.75 |
| 11156.25 | ..... | 11646.25 |
| 11158.75 | ..... | 11648.75 |
| 11161.25 | ..... | 11651.25 |
| 11163.75 | ..... | 11653.75 |
| 11166.25 | ..... | 11656.25 |
| 11168.75 | ..... | 11658.75 |
| 11171.25 | ..... | 11661.25 |
| 11173.75 | ..... | 11663.75 |
| 11176.25 | ..... | 11666.25 |
| 11178.75 | ..... | 11668.75 |
| 11181.25 | ..... | 11681.25 |
| 11183.75 | ..... | 11683.75 |
| 11186.25 | ..... | 11686.25 |
| 11188.75 | ..... | 11688.75 |
| 11191.25 | ..... | 11691.25 |
| 11193.75 | ..... | 11693.75 |
| 11196.25 | ..... | 11696.25 |
| 11198.75 | ..... | 11698.75 |

(3) 3.75 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 11133.125 | ..... | 11623.125 |
| 11138.125 | ..... | 11628.125 |
| 11143.125 | ..... | 11633.125 |
| 11148.125 | ..... | 11638.125 |
| 11153.125 | ..... | 11643.125 |
| 11158.125 | ..... | 11648.125 |
| 11163.125 | ..... | 11653.125 |
| 11168.125 | ..... | 11658.125 |
| 11173.125 | ..... | 11663.125 |
| 11178.125 | ..... | 11668.125 |
| 11183.125 | ..... | 11683.125 |
| 11188.125 | ..... | 11688.125 |
| 11193.125 | ..... | 11693.125 |
| 11198.125 | ..... | 11698.125 |

(4) 5 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 11132.5 | ..... | 11622.5 |
| 11137.5 | ..... | 11627.5 |
| 11142.5 | ..... | 11632.5 |
| 11147.5 | ..... | 11637.5 |
| 11152.5 | ..... | 11642.5 |
| 11157.5 | ..... | 11647.5 |
| 11162.5 | ..... | 11652.5 |
| 11167.5 | ..... | 11657.5 |
| 11172.5 | ..... | 11662.5 |
| 11177.5 | ..... | 11667.5 |
| 11182.5 | ..... | 11682.5 |
| 11187.5 | ..... | 11687.5 |
| 11192.5 | ..... | 11692.5 |
| 11197.5 | ..... | 11697.5 |

(5) 10 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 10705 | ..... | 11205 |
| 10715 | ..... | 11215 |
| 10725 2 | ..... | 11675 1 |

| | | | | |
|---|---|---|---|---|
| 10735 | | ..... | 11225 | |
| 10745 | | ..... | 11235 | |
| 10755 | | ..... | 11245 | |
| 10765 | | ..... | 11255 | |
| 10775 | | ..... | 11265 | |
| 10785 | | ..... | 11275 | |
| 10795 | | ..... | 11285 | |
| 10805 | | ..... | 11295 | |
| 10815 | | ..... | 11305 | |
| 10825 | | ..... | 11315 | |
| 10835 | | ..... | 11325 | |
| 10845 | | ..... | 11335 | |
| 10855 | | ..... | 11345 | |
| 10865 | | ..... | 11355 | |
| 10875 | | ..... | 11365 | |
| 10885 | | ..... | 11375 | |
| 10895 | | ..... | 11385 | |
| 10905 | | ..... | 11395 | |
| 10915 | | ..... | 11405 | |
| 10925 | | ..... | 11415 | |
| 10935 | | ..... | 11425 | |
| 10945 | | ..... | 11435 | |
| 10955 | | ..... | 11445 | |
| 10965 | | ..... | 11455 | |
| 10975 | | ..... | 11465 | |
| 10985 | | ..... | 11475 | |
| 10995 | | ..... | 11485 | |
| 11005 | | ..... | 11495 | |
| 11015 | | ..... | 11505 | |
| 11025 | | ..... | 11515 | |
| 11035 | | ..... | 11525 | |
| 11045 | | ..... | 11535 | |
| 11055 | | ..... | 11545 | |
| 11065 | | ..... | 11555 | |
| 11075 | | ..... | 11565 | |
| 11085 | | ..... | 11575 | |
| 11095 | | ..... | 11585 | |
| 11105 | | ..... | 11595 | |
| 11115 | | ..... | 11605 | |
| 11125 | | ..... | 11615 | |
| 11135 | 1 | ..... | 11625 | 2 |
| 11145 | 1 | ..... | 11635 | 1 |
| 11155 | 1 | ..... | 11645 | 1 |
| 11165 | 1 | ..... | 11655 | 1 |
| 11175 | 1 | ..... | 11665 | 1 |
| 11185 | 1 | ..... | 11685 | 1 |
| 11195 | 1 | ..... | 11695 | 1 |

1 Alternate channels. These channels are set aside for narrow bandwidth systems and should be used only if all other channels are blocked.

2 These frequencies may be assigned for unpaired use.

(6) 30 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) | |
|---|---|---|---|
| 10715 | | 11215 | |
| 10755 | | 11245 | |
| 10795 | | 11285 | |
| 10835 | | 11325 | |
| 10875 | | 11365 | |
| 10915 | | 11405 | |
| 10955 | | 11445 | |
| 10995 | | 11485 | |
| 11035 | | 11525 | |
| 11075 | | 11565 | |
| 11115 | | 11605 | |
| 11155 | 1 | 11645 | 1 |
| 11185 | 1 | 11685 | 1 |

1 Alternate channels. These channels are set aside for narrow bandwidth systems and should be used only if all other channels are blocked.

(7) 40 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) | |
|---|---|---|---|
| 10735 | | 11225 | |
| 10775 | | 11265 | |
| 10815 | | 11305 | |
| 10855 | | 11345 | |
| 10895 | | 11385 | |
| 10935 | | 11425 | |
| 10975 | | 11465 | |
| 11015 | | 11505 | |
| 11055 | | 11545 | |
| 11095 | | 11585 | |
| 11135 | 1 | 11625 | 1 |
| 11175 | 1 | 11665 | 1 |

1 Alternate channels. These channels are set aside for narrow bandwidth systems and should be used only if all other channels are blocked.

(i) * * * (formerly (e))

(j) * * * (formerly (f))

(k) * * * (formerly (g))

(l) Fixed systems licensed, in operation, or applied for in the 5925-6425, 10,550-10,680, and 10,700-11,700 MHz bands prior to July 15, 1993 are permitted to use channel plans in effect prior to that date, including adding channels under those plans.

**Section 21.710 Limitations on path lengths and channel loading.**

(a) The distance between end points of a fixed link must equal or exceed the value set forth in the table below or the EIRP must be reduced in accordance with the equation set forth below.

| Frequency Band (MHz) | Minimum path length (km) |
|---|---|
| Below 1,850 | n/a |
| 1,850 to 7,125 | 17 |
| 10,550 to 13,250 | 5 |
| Above 17,700 | n/a |

(b) For paths shorter than those specified in the Table, the EIRP shall not exceed the value derived from the following equation.

EIRP = 30 - 20 log[A/B], dBW

Where:

EIRP = Equivalent isotropic radiated power in dBW.
A = Minimum path length from the Table for the frequency band in kilometers.
B= The actual path length in kilometers.

NOTE: Automatic transmit power control may be used to meet this requirement up to a 3 dB increase in EIRP.

(c) Upon an appropriate technical showing, applicants and licensees unable to meet the minimum path length requirement may be granted an exception to these requirements.

(d) Except for video transmission, an application for an initial working channel for a given route will not be accepted for filing where the anticipated loading (within 30 months for data and five years for voice, or other period subject to reasonable projection) is less than the minimum specified for the following frequency bands. Absent extraordinary circumstances, applications proposing additional frequencies over existing routes will not be granted unless it is shown that the traffic load will shortly exhaust the capacity of the existing equipment. For the 3700-4200 MHz band, all persons intending to utilize baseband frequencies above 7.3 MHz, or to operate with more than 1500 equivalent 4 kHz voice channels per radio channel, must submit evidence of coordination pursuant to section 21.100(d). Where no construction of radio facilities is requested, licensees must submit this evidence with their filing of any necessary

authority required pursuant to section 214 of the Communications Act and Part 63 of this chapter.

| Frequency band (MHz) | Minimum number of voice channels (4 kHz or equivalent) | Minimum original data loading (Mb/s) |
|---|---|---|
| 3700 to 4200 (20 MHz bandwidth) | 900* | 44.7 |
| 5925 to 6425 (10 MHz bandwidth) | | 22.3 |
| 5925 to 6425 (20 MHz bandwidth) | | 44.7 |
| 5925 to 6425 (30 MHz bandwidth) | 900* | 67.0 |
| 10,700 to 11,700 (10 MHz bandwidth) | 240 | 22.3 |
| 10,700 to 11,700 (20 MHz bandwidth) | 240 | 44.7 |
| 10,700 to 11,700 (30 MHz bandwidth) | 900* | 44.7 |
| 10,700 to 11,700 (40 MHz bandwidth) | 900* | 67.0 |

* Where transmitters employing digital modulation techniques are designed to be used so that two may simultaneously operate on the same frequency over the same path, the minimum number of voice channels is reduced to 500 per transmitter.

III. Part 22 of Title 47 of the Code of Federal Regulations is amended as follows:

**PART 22 - PUBLIC MOBILE SERVICE**

1. The authority citation in Part 22 continues to read:

**AUTHORITY: 47 U.S.C. 154, 303, unless otherwise noted.**

2. Subpart G is amended by revising section 22.501 to read as follows:

**Section 22.501 Frequencies.**

* * * * *

(e) On a shared basis with fixed stations in the Point-to-Point Microwave Radio Service, frequencies in the bands 2110-2130 MHz and 2160-2180 MHz may be authorized for use by control and repeater stations functioning in conjunction with the Public Land Mobile Service. The emission bandwidth shall be limited to the minimum necessary to serve the purpose required, including the applicant's future growth plans. No new assignments will be made

in the 2160-2162 MHz band for stations located within 50 miles of the coordinates of the sites listed in section 21.901(c), except upon a showing that no alternative frequencies are available. Channel bandwidth in excess of 800 kHz will not be authorized. In each of these bands, the highest frequency that would not cause harmful interference to any other stations shall be assigned. Licensees in the 2110-2130 MHz and 2160-2180 MHz bands that may be required to relocate to other bands by emerging technology service providers are eligible for licensing under Part 21 in the 3700-4200, 5925-6425, 6525-6875, 10,550-10,680, and 10,700-11,700 MHz bands.

* * * * *

IV. Part 94 of Title 47 of the Code of Federal Regulations is amended as follows:

**PART 94 - PRIVATE OPERATIONAL-FIXED MICROWAVE SERVICE**

1. The authority citation in Part 94 continues to read:

**AUTHORITY: Secs. 4, 303, 48 Stat., as amended, 1066, 1082; 47 U.S.C. 154, 303, unless otherwise noted.**

2. Subpart B is amended by revising section 94.45 to read as follows:

**Section 94.45 Changes in authorized station requiring modification.**

(a) * * *

(10) Any increase in authorized effective isotropic radiated power in excess of 3 dB (a 2-to-1 ratio);

* * * * *

3. Subpart C is amended by revising sections 94.61, 94.63, 94.65, 94.71, 94.73, 94.75, 94.77, 94.79, 94.81, and 94.94 to read as follows:

**Section 94.61 Applicability.**

* * * * *

(b) Frequencies in the following bands are available for assignment to stations in the Private Operational-Fixed Microwave Service:

Frequency Band (MHz)

928 to 929.....(19) and (20).
932 to 932.5.....(32).
932.5 to 935.....(33).

941 to 941.5.....(32).
941.5 to 944.....(33) and (34).
952 to 960.....(1) and (20).
1850 to 1990.....(2) and (35).
2130 to 2150.....(2) (21) and (35).
2150 to 2160.....(3).
2180 to 2200.....(2) (21) and (35).
2450 to 2500.....(4) and (21).
2650 to 2690.....(5).
3700 to 4200.....(8) (10) and (21).
5925 to 6425.....(6) (10) and (21).
6425 to 6525.....(6) (30) and (31).
6525 to 6575.....(6) (10) (21) and (28).
6575 to 6625.....(2) (6) (10) (21) and (28).
6625 to 6875.....(2) (6) (10) (21) and (28).
10,550 to 10,680.....(10) and (21).
10,700 to 11,700.....(8) (10) and (21).
12,200 to 12,500.....(2) (21) and (25).
12,500 to 12,700.....(2) (6) (21) and (25).
12,700 to 13,200.....(6) and (26).
13,200 to 13,250.....(6) (9) (14) and (21).
17,700 to 18,142.....(6) (8) (10) (21) and (27).
18,142 to 18,580.....(6) (8) (10) (23) and (27).
18,580 to 18,820.....(10) (17) and (21).
18,820 to 18,920.....(21) and (24).
18,920 to 19,160.....(10) (17) and (21).
19,160 to 19,260.....(21) and (24).
19,260 to 19,700.....(10) (21) and (27).
21,200 to 22,000.....(10) (11) (12) (13) and (23).
22,000 to 23,600.....(10) (12) (13) and (23).
31,000 to 31,300.....(23) and (29).
38,600 to 40,000.....(9) (18) and (23).
Bands above 40,000.....(16) and (23).

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Footnotes 1-34 * * *

35 New facilities in these bands will be licensed only on a secondary basis. Facilities licensed or applied for before January 16, 1992, are permitted to make modifications and minor extensions and retain their primary status.

*  *  *  *  *

**Section 94.63 Interference protection criteria for operational fixed stations.**

(a) Before filing an application for new or modified facilities under this part, the applicant must perform a frequency engineering analysis to assure that the proposed facilities will not cause interference to existing or previously applied-for stations in this service of a magnitude greater than that specified in the criteria set forth in paragraph (b) of this section, unless otherwise agreed to in accordance with 94.15(b). As an exception to the above requirement, when the proposed

facilities are to be operated in the bands 932-935, 941-944, 3700-4200, 5925-6425, 6525-6875, 10,550-10,680, 10,700-11,700, 17,700-19,700, 21,200-21,800, 22,400-23,000, or 38,600-40,000 MHz applicants shall follow the prior coordination procedure specified in Section 21.100(d) of this chapter. In addition, when the proposed facilities are to be operated in the bands 12,500-12,700 MHz, applications shall also follow the procedures in Section 21.706(c) and (d) and the technical standards and requirements of part 25 of this chapter as regards licensees in the Satellite Communications Service. See also Section 94.77.

* * * * *

**Section 94.65 Frequencies.**

* * * * *

(g) 3,700 to 4,200 MHz. 20 MHz maximum authorized bandwidth.

20 MHz bandwidth channels:

| Transmit (receive) (MHz) | Receive (transmit) (MHz) |
|---|---|
| 3710 | 3990 |
| 3730 | 4010 |
| 3750 | 3950 |
| 3770 | 3970 |
| 3790 | 4070 |
| 3810 | 4090 |
| 3830 | 4030 |
| 3850 | 4050 |
| 3870 | 4150 |
| 3890 | 4170 |
| 3910 | 4110 |
| 3930 | 4130 |
| n/a | 4190 1 |

1 This frequency may be assigned for unpaired use.

(h) 5,925 to 6,425 MHz. 30 MHz authorized bandwidth.

(1) 400 kHz bandwidth channels:

| Transmit (receive) (MHz) | Receive (transmit) (MHz) |
|---|---|
| 5925.225 | 6177.100 |
| 5925.625 | 6177.500 |
| 5926.050 | 6177.925 |
| 5926.450 | 6178.325 |

| | | |
|---|---|---|
| 5926.875 | ..... | 6178.750 |
| 5927.275 | ..... | 6179.150 |
| 5927.725 | ..... | 6179.600 |
| 5928.125 | ..... | 6180.000 |
| 5928.550 | ..... | 6180.425 |
| 5928.950 | ..... | 6180.825 |
| 5929.375 | ..... | 6181.250 |
| 5929.775 | ..... | 6181.650 |
| 6168.350 | ..... | 6420.225 |
| 6168.750 | ..... | 6420.625 |
| 6169.175 | ..... | 6421.050 |
| 6169.575 | ..... | 6421.450 |
| 6170.000 | ..... | 6421.875 |
| 6170.400 | ..... | 6422.275 |
| 6170.850 | ..... | 6422.725 |
| 6171.250 | ..... | 6423.125 |
| 6171.675 | ..... | 6423.550 |
| 6172.075 | ..... | 6423.950 |
| 6172.500 | ..... | 6424.375 |
| 6172.900 | ..... | 6424.775 |

(2) 800 kHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 5925.425 | ..... | 6177.300 |
| 5926.250 | ..... | 6178.125 |
| 5927.075 | ..... | 6178.950 |
| 5927.925 | ..... | 6179.800 |
| 5928.750 | ..... | 6180.625 |
| 5929.575 | ..... | 6181.450 |
| 6168.550 | ..... | 6420.425 |
| 6169.375 | ..... | 6421.250 |
| 6170.200 | ..... | 6422.075 |
| 6171.050 | ..... | 6422.925 |
| 6171.875 | ..... | 6423.750 |
| 6172.700 | ..... | 6424.575 |

(3) 1.25 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 5925.625 | ..... | 6177.500 |
| 5926.875 | ..... | 6178.750 |
| 5928.125 | ..... | 6180.000 |
| 5929.375 | ..... | 6181.250 |
| 6108.893 | ..... | 6360.933 |
| 6110.128 | ..... | 6362.168 |

| | | | |
|---|---|---|---|
| 6111.364 | | ..... | 6363.404 |
| 6112.599 | | ..... | 6364.639 |
| 6113.834 | | ..... | 6365.874 |
| 6115.070 | | ..... | 6367.110 |
| 6116.305 | | ..... | 6368.345 |
| 6117.541 | | ..... | 6369.581 |
| 6118.776 | | ..... | 6370.816 |
| 6120.011 | | ..... | 6372.051 |
| 6121.247 | | ..... | 6373.287 |
| 6122.482 | | ..... | 6374.522 |
| 6123.718 | | ..... | 6375.758 |
| 6124.953 | | ..... | 6376.993 |
| 6126.189 | | ..... | 6378.229 |
| 6127.424 | | ..... | 6379.464 |
| 6128.659 | | ..... | 6380.699 |
| 6129.895 | | ..... | 6381.935 |
| 6131.130 | | ..... | 6383.170 |
| 6132.366 | | ..... | 6384.406 |
| 6133.601 | | ..... | 6385.641 |
| 6134.836 | | ..... | 6386.876 |
| 6136.072 | | ..... | 6388.112 |
| 6137.307 | | ..... | 6389.347 |
| 6138.543 | | ..... | 6390.583 |
| 6139.778 | | ..... | 6391.818 |
| 6141.014 | | ..... | 6393.054 |
| 6142.249 | | ..... | 6394.289 |
| 6143.484 | | ..... | 6395.524 |
| 6144.720 | | ..... | 6396.760 |
| 6145.955 | | ..... | 6397.995 |
| 6147.191 | | ..... | 6399.231 |
| 6148.426 | | ..... | 6400.466 |
| 6149.661 | | ..... | 6401.701 |
| 6150.897 | | ..... | 6402.937 |
| 6152.132 | | ..... | 6404.172 |
| 6153.368 | | ..... | 6405.408 |
| 6154.603 | | ..... | 6406.643 |
| 6155.839 | | ..... | 6407.879 |
| 6157.074 | | ..... | 6409.114 |
| 6158.309 | | ..... | 6410.349 |
| 6159.545 | | ..... | 6411.585 |
| 6160.780 | | ..... | 6412.820 |
| 6162.016 | | ..... | 6414.056 |
| 6163.251 | | ..... | 6415.291 |
| 6164.486 | | ..... | 6416.526 |
| 6165.722 | | ..... | 6417.762 |
| 6166.957 | | ..... | 6418.997 |
| 6168.750 | | ..... | 6420.625 |
| 6170.000 | | ..... | 6421.875 |
| 6171.250 | | ..... | 6423.125 |
| 6172.500 | | ..... | 6424.375 |
| 6173.750 | 1 | ..... | n/a |
| 6175.000 | 1 | ..... | n/a |
| 6176.250 | 1 | ..... | n/a |

1 - These frequencies may be assigned for unpaired use.

(4) 2.5 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 5926.250 | | 6178.125 |
| 5928.750 | | 6180.625 |
| 6109.510 | | 6361.550 |
| 6111.981 | | 6364.021 |
| 6114.452 | | 6366.492 |
| 6116.923 | | 6368.963 |
| 6119.394 | | 6371.434 |
| 6121.865 | | 6373.905 |
| 6124.335 | | 6376.375 |
| 6126.806 | | 6378.846 |
| 6129.277 | | 6381.317 |
| 6131.748 | | 6383.788 |
| 6134.219 | | 6386.259 |
| 6136.690 | | 6388.730 |
| 6139.160 | | 6391.200 |
| 6141.631 | | 6393.671 |
| 6144.102 | | 6396.142 |
| 6146.573 | | 6398.613 |
| 6149.044 | | 6401.084 |
| 6151.515 | | 6403.555 |
| 6153.985 | | 6406.025 |
| 6156.456 | | 6408.496 |
| 6158.927 | | 6410.967 |
| 6161.398 | | 6413.438 |
| 6163.869 | | 6415.909 |
| 6166.340 | | 6418.380 |
| 6169.375 | | 6421.250 |
| 6171.875 | | 6423.750 |
| 6175.625 | 1 | n/a |

1 - This frequency may be assigned for unpaired use.

(5) 3.75 MHz bandwidth channels:

| Transmit (receive) (MHz) | Receive (transmit) (MHz) |
|---|---|
| 6111.364 | 6363.404 |
| 6116.305 | 6368.345 |
| 6121.247 | 6373.287 |
| 6126.189 | 6378.229 |
| 6131.130 | 6383.170 |
| 6136.072 | 6388.112 |

| | | |
|---|---|---|
| 6141.014 | ..... | 6393.054 |
| 6145.955 | ..... | 6397.995 |
| 6150.897 | ..... | 6402.937 |
| 6155.839 | ..... | 6407.879 |
| 6160.780 | ..... | 6412.820 |
| 6165.722 | ..... | 6417.762 |
| 6175.000 1 | ..... | n/a |

1 - This frequency may be assigned for unpaired use.

(6) 5 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 6110.75 | ..... | 6362.79 |
| 6115.69 | ..... | 6367.73 |
| 6120.63 | ..... | 6372.67 |
| 6125.57 | ..... | 6377.61 |
| 6130.51 | ..... | 6382.55 |
| 6135.45 | ..... | 6387.49 |
| 6140.40 | ..... | 6392.44 |
| 6145.34 | ..... | 6397.38 |
| 6150.28 | ..... | 6402.32 |
| 6155.22 | ..... | 6407.26 |
| 6160.16 | ..... | 6412.20 |
| 6165.10 | ..... | 6417.14 |

(7) 10 MHz bandwidth channels:

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 5935.32 | ..... | 6187.36 |
| 5945.20 | ..... | 6197.24 |
| 5955.08 | ..... | 6207.12 |
| 5964.97 | ..... | 6217.01 |
| 5974.85 | ..... | 6226.89 |
| 5984.73 | ..... | 6236.77 |
| 5994.62 | ..... | 6246.66 |
| 6004.50 | ..... | 6256.54 |
| 6014.38 | ..... | 6266.42 |
| 6024.27 | ..... | 6276.31 |
| 6034.15 | ..... | 6286.19 |
| 6044.03 | ..... | 6296.07 |
| 6053.92 | ..... | 6305.96 |
| 6063.80 | ..... | 6315.84 |
| 6073.68 | ..... | 6325.72 |
| 6083.57 | ..... | 6335.61 |
| 6093.45 | ..... | 6345.49 |

| | | | | |
|---|---|---|---|---|
| 6103.33 | | ..... | 6355.37 | |
| 6113.22 | 1 | ..... | 6365.26 | 1 |
| 6123.10 | 1 | ..... | 6375.14 | 1 |
| 6132.98 | 1 | ..... | 6385.02 | 1 |
| 6142.87 | 1 | ..... | 6394.91 | 1 |
| 6152.75 | 1 | ..... | 6404.79 | 1 |
| 6162.63 | 1 | ..... | 6414.67 | 1 |

1 - Alternate channels. These channels are set aside for narrow bandwidth systems and should be used only if all other channels are blocked.

(8) 30 MHz bandwidth channels:

| Transmit (receive) (MHz) | | | Receive (transmit) (MHz) | |
|---|---|---|---|---|
| 5945.20 | | ..... | 6197.24 | |
| 5974.85 | | ..... | 6226.89 | |
| 6004.50 | | ..... | 6256.54 | |
| 6034.15 | | ..... | 6286.19 | |
| 6063.80 | | ..... | 6315.84 | |
| 6093.45 | | ..... | 6345.49 | |
| 6123.10 | 1 | ..... | 6375.14 | 1 |
| 6152.75 | 1 | ..... | 6404.79 | 1 |

1 - Alternate channels. These channels are set aside for narrow bandwidth systems and should be used only if all other channels are blocked.

(i) 6,525 to 6,875 MHz. 10 MHz authorized bandwidth.

(1) 400 kHz bandwidth channels

| Transmit (receive) (MHz) | | Receive (transmit) (MHz) |
|---|---|---|
| 6525.225 | ..... | 6870.225 |
| 6525.625 | ..... | 6870.625 |
| 6526.050 | ..... | 6871.050 |
| 6526.450 | ..... | 6871.450 |
| 6526.875 | ..... | 6871.875 |
| 6527.275 | ..... | 6872.275 |
| 6527.725 | ..... | 6872.725 |
| 6528.125 | ..... | 6873.125 |
| 6528.550 | ..... | 6873.550 |
| 6528.950 | ..... | 6873.950 |
| 6529.375 | ..... | 6874.375 |
| 6529.775 | ..... | 6874.775 |

(2) 800 kHz bandwidth channels:

| Transmit (receive) (MHz) | | | Receive (transmit) (MHz) | |
|---|---|---|---|---|
| 6525.425 | | ..... | 6870.425 | |
| 6526.250 | | ..... | 6871.250 | |
| 6527.075 | | ..... | 6872.075 | |
| 6527.925 | | ..... | 6872.925 | |
| 6528.750 | | ..... | 6873.750 | |
| 6529.575 | | ..... | 6874.575 | |

(3) 1.25 MHz bandwidth channels:

| Transmit (receive) (MHz) | | | Receive (transmit) (MHz) | |
|---|---|---|---|---|
| 6525.625 | | ..... | 6870.625 | |
| 6526.875 | | ..... | 6871.875 | |
| 6528.125 | | ..... | 6873.125 | |
| 6529.375 | | ..... | 6874.375 | |
| 6540.625 | 1 | ..... | 6718.125 | 1 |
| 6541.875 | 1 | ..... | 6719.375 | 1 |
| 6543.125 | 1 | ..... | 6713.125 | 1 |
| 6544.375 | 1 | ..... | 6714.375 | 1 |
| 6545.625 | 1 | ..... | 6715.625 | 1 |
| 6546.875 | 1 | ..... | 6716.875 | 1 |
| 6548.125 | | ..... | 6728.125 | |
| 6549.375 | | ..... | 6729.375 | |
| 6550.625 | | ..... | 6730.625 | |
| 6551.875 | | ..... | 6731.875 | |
| 6553.125 | 1 | ..... | 6723.125 | 1 |
| 6554.375 | 1 | ..... | 6724.375 | 1 |
| 6555.625 | 1 | ..... | 6725.625 | 1 |
| 6556.875 | 1 | ..... | 6726.875 | 1 |
| 6558.125 | | ..... | 6738.125 | |
| 6559.375 | | ..... | 6739.375 | |
| 6560.625 | | ..... | 6740.625 | |
| 6561.875 | | ..... | 6741.875 | |
| 6563.125 | | ..... | 6733.125 | |
| 6564.375 | | ..... | 6734.375 | |
| 6565.625 | | ..... | 6735.625 | |
| 6566.875 | | ..... | 6736.875 | |
| 6568.125 | 1 | ..... | 6720.625 | 1 |
| 6569.375 | 1 | ..... | 6721.875 | 1 |
| 6580.625 | 1 | ..... | 6868.125 | 1 |
| 6581.875 | 1 | ..... | 6869.375 | 1 |
| 6583.125 | | ..... | 6743.125 | |
| 6584.375 | | ..... | 6744.375 | |
| 6585.625 | | ..... | 6745.625 | |
| 6586.875 | | ..... | 6746.875 | |

| | | |
|---|---|---|
| 6588.125 | ..... | 6748.125 |
| 6589.375 | ..... | 6749.375 |
| 6590.625 | ..... | 6750.625 |
| 6591.875 | ..... | 6751.875 |
| 6593.125 | ..... | 6753.125 |
| 6594.375 | ..... | 6754.375 |
| 6595.625 | ..... | 6755.625 |
| 6596.875 | ..... | 6756.875 |
| 6598.125 | ..... | 6758.125 |
| 6599.375 | ..... | 6759.375 |
| 6600.625 | ..... | 6760.625 |
| 6601.875 | ..... | 6761.875 |
| 6603.125 | ..... | 6763.125 |
| 6604.375 | ..... | 6764.375 |
| 6605.625 | ..... | 6765.625 |
| 6606.875 | ..... | 6766.875 |
| 6608.125 | ..... | 6768.125 |
| 6609.375 | ..... | 6769.375 |
| 6610.625 | ..... | 6770.625 |
| 6611.875 | ..... | 6771.875 |
| 6613.125 | ..... | 6773.125 |
| 6614.375 | ..... | 6774.375 |
| 6615.625 | ..... | 6775.625 |
| 6616.875 | ..... | 6776.875 |
| 6618.125 | ..... | 6778.125 |
| 6619.375 | ..... | 6779.375 |
| 6620.625 | ..... | 6780.625 |
| 6621.875 | ..... | 6781.875 |
| 6623.125 | ..... | 6783.125 |
| 6624.375 | ..... | 6784.375 |
| 6625.625 | ..... | 6785.625 |
| 6626.875 | ..... | 6786.875 |
| 6628.125 | ..... | 6788.125 |
| 6629.375 | ..... | 6789.375 |
| 6630.625 | ..... | 6790.625 |
| 6631.875 | ..... | 6791.875 |
| 6633.125 | ..... | 6793.125 |
| 6634.375 | ..... | 6794.375 |
| 6635.625 | ..... | 6795.625 |
| 6636.875 | ..... | 6796.875 |
| 6638.125 | ..... | 6798.125 |
| 6639.375 | ..... | 6799.375 |
| 6640.625 | ..... | 6800.625 |
| 6641.875 | ..... | 6801.875 |
| 6643.125 | ..... | 6803.125 |
| 6644.375 | ..... | 6804.375 |
| 6645.625 | ..... | 6805.625 |
| 6646.875 | ..... | 6806.875 |
| 6648.125 | ..... | 6808.125 |
| 6649.375 | ..... | 6809.375 |
| 6650.625 | ..... | 6810.625 |
| 6651.875 | ..... | 6811.875 |
| 6653.125 | ..... | 6813.125 |
| 6654.375 | ..... | 6814.375 |

| | | | | |
|---|---|---|---|---|
| 6655.625 | | ..... | 6815.625 | |
| 6656.875 | | ..... | 6816.875 | |
| 6658.125 | | ..... | 6818.125 | |
| 6659.375 | | ..... | 6819.375 | |
| 6660.625 | | ..... | 6820.625 | |
| 6661.875 | | ..... | 6821.875 | |
| 6663.125 | | ..... | 6823.125 | |
| 6664.375 | | ..... | 6824.375 | |
| 6665.625 | | ..... | 6825.625 | |
| 6666.875 | | ..... | 6826.875 | |
| 6668.125 | | ..... | 6828.125 | |
| 6669.375 | | ..... | 6829.375 | |
| 6670.625 | | ..... | 6830.625 | |
| 6671.875 | | ..... | 6831.875 | |
| 6673.125 | | ..... | 6833.125 | |
| 6674.375 | | ..... | 6834.375 | |
| 6675.625 | | ..... | 6835.625 | |
| 6676.875 | | ..... | 6836.875 | |
| 6678.125 | | ..... | 6838.125 | |
| 6679.375 | | ..... | 6839.375 | |
| 6680.625 | | ..... | 6840.625 | |
| 6681.875 | | ..... | 6841.875 | |
| 6683.125 | | ..... | 6843.125 | |
| 6684.375 | | ..... | 6844.375 | |
| 6685.625 | | ..... | 6845.625 | |
| 6686.875 | | ..... | 6846.875 | |
| 6688.125 | | ..... | 6848.125 | |
| 6689.375 | | ..... | 6849.375 | |
| 6690.625 | | ..... | 6850.625 | |
| 6691.875 | | ..... | 6851.875 | |
| 6693.125 | | ..... | 6853.125 | |
| 6694.375 | | ..... | 6854.375 | |
| 6695.625 | | ..... | 6855.625 | |
| 6696.875 | | ..... | 6856.875 | |
| 6698.125 | | ..... | 6858.125 | |
| 6699.375 | | ..... | 6859.375 | |
| 6700.625 | | ..... | 6860.625 | |
| 6701.875 | | ..... | 6861.875 | |
| 6703.125 | | ..... | 6863.125 | |
| 6704.375 | | ..... | 6864.375 | |
| 6705.625 | | ..... | 6865.625 | |
| 6706.875 | | ..... | 6866.875 | |
| 6708.125 | 1 | ..... | 6710.625 | 1 |
| 6709.375 | 1 | ..... | 6711.875 | 1 |

1 - These frequencies may be assigned for unpaired use.

(4) 2.5 MHz bandwidth channels:

| Transmit (receive) (MHz) | | | Receive (transmit) (MHz) | |
|---|---|---|---|---|
| 6526.25 | | ..... | 6871.25 | |
| 6528.75 | | ..... | 6873.75 | |
| 6541.25 | 1 | ..... | 6718.75 | 1 |
| 6543.75 | 1 | ..... | 6713.75 | 1 |
| 6546.25 | 1 | ..... | 6716.25 | 1 |
| 6548.75 | | ..... | 6728.75 | |
| 6551.25 | | ..... | 6731.25 | |
| 6553.75 | 1 | ..... | 6723.75 | 1 |
| 6556.25 | 1 | ..... | 6726.25 | 1 |
| 6558.75 | | ..... | 6738.75 | |
| 6561.25 | | ..... | 6741.25 | |
| 6563.75 | | ..... | 6733.75 | |
| 6566.25 | | ..... | 6736.25 | |
| 6568.75 | 1 | ..... | 6721.25 | 1 |
| 6581.25 | 1 | ..... | 6868.75 | 1 |
| 6583.75 | | ..... | 6743.75 | |
| 6586.25 | | ..... | 6746.25 | |
| 6588.75 | | ..... | 6748.75 | |
| 6591.25 | | ..... | 6751.25 | |
| 6593.75 | | ..... | 6753.75 | |
| 6596.25 | | ..... | 6756.25 | |
| 6598.75 | | ..... | 6758.75 | |
| 6601.25 | | ..... | 6761.25 | |
| 6603.75 | | ..... | 6763.75 | |
| 6606.25 | | ..... | 6766.25 | |
| 6608.75 | | ..... | 6768.75 | |
| 6611.25 | | ..... | 6771.25 | |
| 6613.75 | | ..... | 6773.75 | |
| 6616.25 | | ..... | 6776.25 | |
| 6618.75 | | ..... | 6778.75 | |
| 6621.25 | | ..... | 6781.25 | |
| 6623.75 | | ..... | 6783.75 | |
| 6626.25 | | ..... | 6786.25 | |
| 6628.75 | | ..... | 6788.75 | |
| 6631.25 | | ..... | 6791.25 | |
| 6633.75 | | ..... | 6793.75 | |
| 6636.25 | | ..... | 6796.25 | |
| 6638.75 | | ..... | 6798.75 | |
| 6641.25 | | ..... | 6801.25 | |
| 6643.75 | | ..... | 6803.75 | |
| 6646.25 | | ..... | 6806.25 | |
| 6648.75 | | ..... | 6808.75 | |
| 6651.25 | | ..... | 6811.25 | |
| 6653.75 | | ..... | 6813.75 | |
| 6656.25 | | ..... | 6816.25 | |
| 6658.75 | | ..... | 6818.75 | |
| 6661.25 | | ..... | 6821.25 | |
| 6663.75 | | ..... | 6823.75 | |
| 6666.25 | | ..... | 6826.25 | |