

0-130 kHz (VLF/LF)

| International Table | | | United States Table | | Remarks |
|---|---|---|---|---------------------------------|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| Below 9 (Not Allocated) S5.53 S5.54 | | | Below 9 (Not Allocated) S5.53 S5.54 | | |
| 9-14 RADIONAVIGATION | | | 9-14 RADIONAVIGATION US18 US294 | | |
| 14-19.95 FIXED MARITIME MOBILE S5.57 S5.55 S5.56 | | | 14-19.95 FIXED MARITIME MOBILE S5.57 US294 | 14-19.95 Fixed US294 | International Fixed (23) |
| 19.95-20.05 STANDARD FREQUENCY AND TIME SIGNAL (20 kHz) | | | 19.95-20.05 STANDARD FREQUENCY AND TIME SIGNAL (20 kHz) US294 | | |
| 20.05-70 FIXED MARITIME MOBILE S5.57 S5.56 S5.58 | | | 20.05-59 FIXED MARITIME MOBILE S5.57 US294 | 20.05-59 FIXED US294 | International Fixed (23) |
| | | | 59-61 STANDARD FREQUENCY AND TIME SIGNAL (60 kHz) US294 | | |
| | | | 61-70 FIXED MARITIME MOBILE S5.57 US294 | 61-70 FIXED US294 | International Fixed (23) |
| 70-72 RADIONAVIGATION S5.60 S5.56 | 70-90 FIXED MARITIME MOBILE S5.57 MARITIME RADIO- NAVIGATION S5.60 Radiolocation | 70-72 RADIONAVIGATION S5.60 Fixed Maritime mobile S5.57 S5.59 | 70-90 FIXED MARITIME MOBILE S5.57 Radiolocation | 70-90 FIXED Radiolocation | International Fixed (23) Private Land Mobile (90) |
| 72-84 FIXED MARITIME MOBILE S5.57 RADIONAVIGATION S5.60 S5.56 | | 72-84 FIXED MARITIME MOBILE S5.57 RADIONAVIGATION S5.60 | | | |

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| 84-86 RADIONAVIGATION S5.60 | | 84-86 RADIONAVIGATION S5.60 Fixed Maritime mobile S5.57 S5.59 | | |
| 86-90 FIXED MARITIME MOBILE S5.57 RADIONAVIGATION S5.56 | S5.61 | 86-90 FIXED MARITIME MOBILE S5.57 RADIONAVIGATION S5.60 | S5.60 US294 | S5.60 US294 |
| 90-110 RADIONAVIGATION S5.62 Fixed S5.64 | | 90-110 RADIONAVIGATION S5.62 US18 US104 US294 | | Private Land Mobile (90) |
| 110-112 FIXED MARITIME MOBILE RADIONAVIGATION S5.64 | 110-130 FIXED MARITIME MOBILE MARITIME RADIO- NAVIGATION S5.60 Radiolocation | 110-112 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64 | 110-130 FIXED MARITIME MOBILE Radiolocation | International Fixed (23) Maritime (80) Private Land Mobile (90) |
| 112-115 RADIONAVIGATION S5.60 | | 112-117.6 RADIONAVIGATION S5.60 Fixed Maritime mobile | | |
| 115-117.6 RADIONAVIGATION S5.60 Fixed Maritime mobile S5.64 S5.66 | | S5.64 S5.65 | | |
| 117.6-126 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64 | | 117.6-126 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64 | | |
| 126-129 RADIONAVIGATION S5.60 | | 126-129 RADIONAVIGATION S5.60 Fixed Maritime mobile S5.64 S5.65 | | |
| See next page for 129-130 | | S5.61 S5.64 | | |

130-505 kHz (LF/MF)

| International Table | | | United States Table | | Remarks |
|--|---|---|---|--|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 129-130 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64 | See previous page for 110-130 kHz | 129-130 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64 | See previous page for 110-130 kHz | | See previous page for 110-130 kHz |
| 130-148.5 FIXED MARITIME MOBILE S5.64 S5.67 | 130-160 FIXED MARITIME MOBILE S5.64 | 130-160 FIXED MARITIME MOBILE RADIONAVIGATION S5.64 | 130-160 FIXED MARITIME MOBILE S5.64 US294 | | International Fixed (23) Maritime (80) |
| 148.5-255 BROADCASTING | | | 160-190 FIXED Aeronautical radionavigation | 160-190 FIXED MARITIME MOBILE 459 US294 | |
| S5.68 S5.69 S5.70 | 190-200 AERONAUTICAL RADIONAVIGATION | | 190-200 AERONAUTICAL RADIONAVIGATION US18 US226 US294 | | Aviation (87) |
| | 200-275 AERONAUTICAL RADIONAVIGATION Aeronautical mobile | 200-285 AERONAUTICAL RADIONAVIGATION Aeronautical mobile | 200-275 AERONAUTICAL RADIONAVIGATION Aeronautical mobile US18 US294 | | |
| 255-283.5 BROADCASTING AERONAUTICAL RADIONAVIGATION S5.70 S5.71 | 275-285 AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radiobeacons) | | 275-285 AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radiobeacons) US18 US294 | | |
| 283.5-315 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) S5.73 S5.72 S5.74 | | | | | |

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|---|---|---|--|--------------------------------|
| | 285-315 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) S5.73 | | 285-325 MARITIME RADIONAVIGATION (radiobeacons) S5.73 Aeronautical radionavigation (radiobeacons) | |
| 315-325 AERONAUTICAL RADIONAVIGATION Maritime radionavigation (radiobeacons) S5.73 S5.72 S5.75 | 315-325 MARITIME RADIONAVIGATION (radiobeacons) S5.73 Aeronautical radionavigation | 315-325 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) S5.73 | US18 US294 G121 | |
| 325-405 AERONAUTICAL RADIONAVIGATION S5.72 | 325-335 AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radiobeacons) | 325-405 AERONAUTICAL RADIONAVIGATION Aeronautical mobile | 325-335 AERONAUTICAL RADIONAVIGATION (radiobeacons) Aeronautical mobile Maritime radionavigation (radiobeacons) US18 US294 | |
| | 335-405 AERONAUTICAL RADIONAVIGATION Aeronautical mobile | | 335-405 AERONAUTICAL RADIONAVIGATION (radiobeacons) Aeronautical mobile US18 US294 | |
| 405-415 RADIONAVIGATION S5.76 S5.72 | 405-415 RADIONAVIGATION S5.76 Aeronautical mobile | | 405-415 RADIONAVIGATION S5.76 Aeronautical mobile US18 US294 | Maritime (80) Aviation (87) |
| 415-435 MARITIME MOBILE S5.79 AERONAUTICAL RADIONAVIGATION S5.72 | 415-495 MARITIME MOBILE S5.79 S5.79A Aeronautical radionavigation S5.80 | | 415-435 MARITIME MOBILE S5.79 AERONAUTICAL RADIONAVIGATION S5.80 US294 | |
| 435-495 MARITIME MOBILE S5.79 S5.79A Aeronautical radionavigation S5.72 S5.81 S5.82 | S5.77 S5.78 S5.81 S5.82 | | 435-495 MARITIME MOBILE S5.79 Aeronautical radionavigation | Maritime (80) |
| | | | 435-495 MARITIME MOBILE S5.79 | |
| 495-505 MOBILE (distress and calling) S5.83 | | | 495-505 MOBILE (distress and calling) 472 | |

505-2107 kHz (MF)

| International Table | | | United States Table | | Remarks |
|--|---|--|---|---------------------------------------|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 505-526.5 MARITIME MOBILE S5.79 S5.79A S5.84 AERONAUTICAL RADIONAVIGATION S5.72 S5.81 | 505-510 MARITIME MOBILE S5.79 S5.81 | 505-526.5 MARITIME MOBILE S5.79 S5.79A S5.84 AERONAUTICAL RADIONAVIGATION Aeronautical mobile Land mobile S5.81 | 505-510 MARITIME MOBILE S5.79 471 | | Maritime (80) |
| | 510-525 MOBILE S5.79A S5.84 AERONAUTICAL RADIONAVIGATION | | 510-525 MARITIME MOBILE (ships only) 474 AERONAUTICAL RADIONAVIGATION (radiobeacons) US14 US18 US225 | | Maritime (80) Aviation (87) |
| | 525-535 BROADCASTING S5.86 AERONAUTICAL RADIONAVIGATION | 526.5-535 BROADCASTING Mobile S5.88 | 525-535 AERONAUTICAL RADIONAVIGATION (radiobeacons) MOBILE US221 US18 US239 | | Aviation (87) Private Land Mobile (90) |
| 526.5-1606.5 BROADCASTING S5.87 S5.87A | 535-1605 BROADCASTING | 535-1606.5 BROADCASTING | 535-1605 | 535-1605 BROADCASTING US321 | Radio Broadcasting (AM) (73) Auxiliary Broadcasting (74) Alaska Fixed (80) Private Land Mobile (90) 1610 kHz Travelers Information Service |
| | 1605-1625 BROADCASTING S5.89 | | 1605-1615 MOBILE US221 | 1605-1705 BROADCASTING 480 | |
| 1606.5-1625 FIXED MARITIME MOBILE S5.90 LAND MOBILE S5.92 | S5.90 | 1606.5-1800 FIXED MOBILE RADIOLOCATION RADIONAVIGATION | US238 G127 | 1615-1625 US238 US299 | |
| | | | 1625-1705 Radiolocation | | |
| 1625-1635 RADIOLOCATION S5.93 | 1625-1705 FIXED MOBILE BROADCASTING S5.89 Radiolocation | 1625-1705 Radiolocation | US238 US299 | US238 US299 US321 NG128 | |
| 1635-1800 FIXED MARITIME MOBILE S5.90 LAND MOBILE | S5.90 | | | | |

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| S5.92 S5.96 | 1705-1800 FIXED MOBILE RADIOLOCATION AERONAUTICAL RADIONAVIGATION | S5.91 | 1705-1800 FIXED MOBILE RADIOLOCATION | | International Fixed (23) Maritime (80) Private Land Mobile (90) |
| 1800-1810 RADIOLOCATION S5.93 | 1800-1850 AMATEUR | 1800-2000 AMATEUR FIXED MOBILE except aeronautical mobile RADIONAVIGATION Radiolocation | 1800-1900 | 1800-1900 AMATEUR | Amateur (97) |
| 1810-1850 AMATEUR S5.98 S5.99 S5.100 S5.101 | | | | | |
| 1850-2000 FIXED MOBILE except aeronautical mobile S5.92 S5.96 S5.103 | 1850-2000 AMATEUR FIXED MOBILE except aeronautical mobile RADIOLOCATION RADIONAVIGATION S5.102 | S5.97 | 1900-2000 RADIOLOCATION US290 | | Private Land Mobile (90) Amateur (97) |
| 2000-2025 FIXED MOBILE except aeronautical mobile (R) S5.92 S5.103 | 2000-2065 FIXED MOBILE | | 2000-2065 FIXED MOBILE US340 | 2000-2065 MARITIME MOBILE NG19 US340 | Maritime (80) |
| 2025-2045 FIXED MOBILE except aeronautical mobile (R) Meteorological aids S5.104 S5.92 S5.103 | | | | | |
| 2045-2160 FIXED MARITIME MOBILE LAND MOBILE | | | | | |
| S5.92 | 2065-2107 MARITIME MOBILE S5.105 S5.106 See next page for 2107-2170 kHz | | 2065-2107 MARITIME MOBILE S5.105 US296 US340 See next page for 2107-2170 kHz | | See next page for 2107-2170 kHz |

| 2107-3230 kHz (MF/HF) | | | | | |
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| International Table | | | United States Table | | Remarks |
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| See previous page for 2045-2160 kHz | 2107-2170 FIXED MOBILE | | 2107-2170 FIXED MOBILE US340 | 2107-2170 FIXED LAND MOBILE MARITIME MOBILE NG19 US340 | International Fixed (23) Maritime (80) Aviation (87) Private Land Mobile (90) |
| 2160-2170 RADIOLOCATION S5.93 S5.107 | | | | | |
| 2170-2173.5 MARITIME MOBILE | | | 2170-2173.5 MARITIME MOBILE (telephony) US340 | 2170-2173.5 MARITIME MOBILE US340 | Maritime (80) |
| 2173.5-2190.5 MOBILE (distress and calling) S5.108 S5.109 S5.110 S5.111 | | | 2173.5-2190.5 MOBILE (distress and calling) S5.108 S5.109 S5.110 S5.111 US279 US340 | | Maritime (80) Aviation (87) |
| 2190.5-2194 MARITIME MOBILE | | | 2190.5-2194 MARITIME MOBILE (telephony) US340 | 2190.5-2194 MARITIME MOBILE US340 | Maritime (80) |
| 2194-2300 FIXED MOBILE except aeronautical mobile (R) S5.92 S5.103 S5.112 | 2194-2300 FIXED MOBILE S5.112 | | 2194-2495 FIXED MOBILE US340 | 2194-2495 FIXED LAND MOBILE MARITIME MOBILE NG19 US340 | International Fixed (23) Maritime (80) Aviation (87) Private Land Mobile (90) |
| 2300-2498 FIXED MOBILE except aeronautical mobile (R) BROADCASTING S5.113 S5.103 | 2300-2495 FIXED MOBILE BROADCASTING S5.113 | | | | |
| 2498-2501 STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz) | 2495-2501 STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz) | | 2495-2501 STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz) US340 | | |

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| 2501-2502 STANDARD FREQUENCY AND TIME SIGNAL Space research | | 2501-2502 STANDARD FREQUENCY AND TIME SIGNAL US340 G106 | 2501-2502 STANDARD FREQUENCY AND TIME SIGNAL US340 | |
| 2502-2625 FIXED MOBILE except aeronautical mobile (R) S5.92 S5.103 S5.114 | 2502-2505 STANDARD FREQUENCY AND TIME SIGNAL | | 2502-2505 STANDARD FREQUENCY AND TIME SIGNAL US340 | |
| | 2505-2850 FIXED MOBILE | 2505-2850 FIXED MOBILE | 2505-2850 FIXED LAND MOBILE MARITIME MOBILE | International Fixed (23) Maritime (80) Aviation (87) Private Land Mobile (90) |
| | | 2625-2650 MARITIME MOBILE MARITIME RADIONAVIGATION S5.92 | | |
| 2650-2850 FIXED MOBILE except aeronautical mobile (R) S5.92 S5.103 | | US285 US340 | US285 US340 | |
| 2850-3025 AERONAUTICAL MOBILE (R) S5.111 S5.115 | | 2850-3025 AERONAUTICAL MOBILE (R) S5.111 S5.115 US283 US340 | | Aviation (87) |
| 3025-3155 AERONAUTICAL MOBILE (OR) | | 3025-3155 AERONAUTICAL MOBILE (OR) US340 | | |
| 3155-3200 FIXED MOBILE except aeronautical mobile (R) S5.116 S5.117 | | 3155-3230 FIXED MOBILE except aeronautical mobile (R) | | International Fixed (23) Maritime (80) Aviation (87) Private Land Mobile (90) |
| 3200-3230 FIXED MOBILE except aeronautical mobile (R) BROADCASTING S5.113 S5.116 | | US340 | | |

3230-5060 kHz (HF)

| International Table | | | United States Table | | Remarks |
|---|---|--|---|--|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 3230-3400 FIXED MOBILE except aeronautical mobile BROADCASTING S5.113 S5.116 S5.118 | | | 3230-3400 FIXED MOBILE except aeronautical mobile Radiolocation US340 | | International Fixed (23) Maritime (80) Aviation (87) Private Land Mobile (90) |
| 3400-3500 AERONAUTICAL MOBILE (R) | | | 3400-3500 AERONAUTICAL MOBILE (R) US283 US340 | | Aviation (87) |
| 3500-3800 AMATEUR S5.120 FIXED MOBILE except aeronautical mobile S5.92 | 3500-3750 AMATEUR S5.120 S5.119 3750-4000 AMATEUR S5.120 FIXED MOBILE except aeronautical mobile (R) S5.122 S5.124 S5.125 | 3500-3900 AMATEUR S5.120 FIXED MOBILE 3900-3950 AERONAUTICAL MOBILE BROADCASTING 3950-4000 FIXED BROADCASTING S5.126 | 3500-4000 US340 | 3500-4000 AMATEUR S5.120 US340 | Amateur (97) |
| 3800-3900 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE | | | | | |
| 3900-3950 AERONAUTICAL MOBILE (OR) S5.123 | | | | | |
| 3950-4000 FIXED BROADCASTING | | | | | |
| 4000-4063 FIXED MARITIME MOBILE S5.127 S5.126 | | | 4000-4063 MARITIME MOBILE US236 US340 | | International Fixed (23) Maritime (80) |
| 4063-4438 MARITIME MOBILE S5.79A S5.109 S5.110 S5.130 S5.131 S5.132 S5.128 S5.129 | | | 4063-4438 MARITIME MOBILE S5.109 S5.110 S5.130 S5.132 US82 US296 US340 | | |

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| 4438-4650 FIXED MOBILE except aeronautical mobile (R) | | 4438-4650 FIXED MOBILE except aeronautical mobile | 4438-4650 FIXED MOBILE except aeronautical mobile (R) US340 | International Fixed (23) Maritime (80) Aviation (87) Private Land Mobile (90) |
| 4650-4700 AERONAUTICAL MOBILE (R) | | | 4650-4700 AERONAUTICAL MOBILE (R) US282 US283 US340 | Aviation (87) |
| 4700-4750 AERONAUTICAL MOBILE (OR) | | | 4700-4750 AERONAUTICAL MOBILE (OR) US340 | |
| 4750-4850 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE BROADCASTING S5.113 | 4750-4850 FIXED MOBILE except aeronautical mobile (R) BROADCASTING S5.113 | 4750-4850 FIXED BROADCASTING S5.113 Land mobile | 4750-4850 FIXED MOBILE except aeronautical mobile (R) US340 | International Fixed (23) Maritime (80) Aviation (87) |
| 4850-4995 FIXED LAND MOBILE BROADCASTING S5.113 | | | 4850-4995 FIXED MOBILE US340 | 4850-4995 FIXED US340 |
| 4995-5003 STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz) | | | 4995-5003 STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz) US340 | |
| 5003-5005 STANDARD FREQUENCY AND TIME SIGNAL Space research | | | 5003-5005 STANDARD FREQUENCY AND TIME SIGNAL US340 G106 | 5003-5005 STANDARD FREQUENCY AND TIME SIGNAL US340 |
| 5005-5060 FIXED BROADCASTING S5.113 | | | 5005-5060 FIXED US340 | International Fixed (23) Maritime (80) Aviation (87) Private Land Mobile (90) |

5060-9040 kHz (HF)

| International Table | | | United States Table | | Remarks |
|--|--|--|--|------------------------|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 5060-5250 FIXED Mobile except aeronautical mobile S5.133 | | | 5060-5450 FIXED Mobile except aeronautical mobile | | International Fixed (23) Maritime (80) Aviation (87) Private Land Mobile (90) |
| 5250-5450 FIXED MOBILE except aeronautical mobile | | | US212 US340 | | |
| 5450-5480 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE | 5450-5480 AERONAUTICAL MOBILE (R) | 5450-5480 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE | 5450-5480 AERONAUTICAL MOBILE (R) US283 US340 | | Aviation (87) |
| 5480-5680 AERONAUTICAL MOBILE (R) S5.111 S5.115 | | | 5480-5680 AERONAUTICAL MOBILE (R) S5.111 S5.115 US283 US340 | | |
| 5680-5730 AERONAUTICAL MOBILE (OR) S5.111 S5.115 | | | 5680-5730 AERONAUTICAL MOBILE (OR) S5.111 S5.115 US340 | | |
| 5730-5900 FIXED LAND MOBILE | 5730-5900 FIXED MOBILE except aeronautical mobile (R) | 5730-5900 FIXED Mobile except aeronautical mobile (R) | 5730-5950 FIXED MOBILE except aeronautical mobile (R) US340 | | International Fixed (23) Maritime (80) Aviation (87) |
| 5900-5950 BROADCASTING S5.134 S5.136 | | | | | |
| 5950-6200 BROADCASTING | | | 5950-6200 BROADCASTING US340 | | Radio Broadcast (HF) (73) |
| 6200-6525 MARITIME MOBILE S5.109 S5.110 S5.130 S5.132 S5.137 | | | 6200-6525 MARITIME MOBILE S5.109 S5.110 S5.130 S5.132 US82 US296 US340 | | Maritime (80) |
| 6525-6685 AERONAUTICAL MOBILE (R) | | | 6525-6685 AERONAUTICAL MOBILE (R) US283 US340 | | Aviation (87) |

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| 6685-6765 AERONAUTICAL MOBILE (OR) | | | 6685-6765 AERONAUTICAL MOBILE (OR) US340 | | |
| 6765-7000 FIXED Land mobile S5.139 S5.138 | | | 6765-7000 FIXED Mobile S5.138 US340 | | ISM Equipment (18) International Fixed (23) Aviation (87) |
| 7000-7100 AMATEUR S5.120 AMATEUR-SATELLITE S5.140 S5.141 | | | 7000-7100 US340 | 7000-7100 AMATEUR S5.120 AMATEUR-SATELLITE US340 | Amateur (97) |
| 7100-7300 BROADCASTING | 7100-7300 AMATEUR S5.120 S5.142 | 7100-7300 BROADCASTING | 7100-7300 US340 | 7100-7300 AMATEUR S5.120 S5.142 US340 | |
| 7300-7350 BROADCASTING S5.134 S5.143 | | | 7300-8100 FIXED Mobile US340 | | International Fixed (23) Maritime (80) Aviation (87) Private Land Mobile (90) |
| 7350-8100 FIXED Land mobile S5.144 | | | | | |
| 8100-8195 FIXED MARITIME MOBILE | | | 8100-8195 MARITIME MOBILE US236 US340 | | Maritime (80) |
| 8195-8815 MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 S5.111 | | | 8195-8815 MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 S5.111 US82 US296 US340 | | |
| 8815-8965 AERONAUTICAL MOBILE (R) | | | 8815-8965 AERONAUTICAL MOBILE (R) US340 | | Aviation (87) |
| 8965-9040 AERONAUTICAL MOBILE (OR) | | | 8965-9040 AERONAUTICAL MOBILE (OR) US340 | | |

9040-13410 kHz (HF)

| International Table | | | United States Table | | Remarks |
|---|----------|----------|---|--|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 9040-9400 FIXED | | | 9040-9500 FIXED | | International Fixed (23) Maritime (80) Aviation (87) |
| 9400-9500 BROADCASTING S5.134 S5.146 | | | US340 | | |
| 9500-9900 BROADCASTING S5.147 | | | 9500-9900 BROADCASTING S5.147 S5.148 US235 US340 | | International Fixed (23) Radio Broadcast (HF) (73) |
| 9900-9995 FIXED | | | 9900-9995 FIXED US340 | | International Fixed (23) Aviation (87) |
| 9995-10003 STANDARD FREQUENCY AND TIME SIGNAL (10000 kHz) S5.111 | | | 9995-10003 STANDARD FREQUENCY AND TIME SIGNAL (10000 kHz) S5.111 US340 | | |
| 10003-10005 STANDARD FREQUENCY AND TIME SIGNAL Space research S5.111 | | | 10003-10005 STANDARD FREQUENCY AND TIME SIGNAL S5.111 US340 G106 | 10003-10005 STANDARD FREQUENCY AND TIME SIGNAL S5.111 US340 | |
| 10005-10100 AERONAUTICAL MOBILE (R) S5.111 | | | 10005-10100 AERONAUTICAL MOBILE (R) S5.111 US283 US340 | | Aviation (87) |
| 10100-10150 FIXED Amateur S5.120 | | | 10100-10150 US247 US340 | 10100-10150 AMATEUR S5.120 US247 US340 | Amateur (97) |
| 10150-11175 FIXED Mobile except aeronautical mobile (R) | | | 10150-11175 FIXED Mobile except aeronautical mobile (R) US340 | | International Fixed (23) Aviation (87) |
| 11175-11275 AERONAUTICAL MOBILE (OR) | | | 11175-11275 AERONAUTICAL MOBILE (OR) US340 | | |

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| 11275-11400 AERONAUTICAL MOBILE (R) | 11275-11400 AERONAUTICAL MOBILE (R) | | Aviation (87) |
| | US283 US340 | | |
| 11400-11600 FIXED | 11400-11650 FIXED | | International Fixed (23) Aviation (87) |
| 11600-11650 BROADCASTING S5.134 S5.146 | US340 | | |
| 11650-12050 BROADCASTING S5.147 | 11650-12050 BROADCASTING US235 US340 | | International Fixed (23) Radio Broadcast (HF) (73) |
| 12050-12100 BROADCASTING S5.134 S5.146 | 12050-12230 FIXED | | International Fixed (23) Aviation (87) |
| 12100-12230 FIXED | US340 | | |
| 12230-13200 MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 | 12230-13200 MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 US82 US296 US340 | | International Fixed (23) Maritime (80) |
| 13200-13260 AERONAUTICAL MOBILE (OR) | 13200-13260 AERONAUTICAL MOBILE (OR) US340 | | |
| 13260-13360 AERONAUTICAL MOBILE (R) | 13260-13360 AERONAUTICAL MOBILE (R) US283 US340 | | Aviation (87) |
| 13360-13410 FIXED RADIO ASTRONOMY S5.149 | 13360-13410 RADIO ASTRONOMY S5.149 G115 | 13360-13410 RADIO ASTRONOMY S5.149 | |

13410-17900 kHz (HF)

| International Table | | | United States Table | | Remarks |
|---|----------|----------|--|---|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 13410-13570 FIXED Mobile except aeronautical mobile (R) S5.150 | | | 13410-13570 FIXED Mobile except aeronautical mobile (R) S5.150 US340 | 13410-13570 FIXED S5.150 US340 | ISM Equipment (18) International Fixed (23) Aviation (87) |
| 13570-13600 BROADCASTING S5.134 S5.151 | | | 13570-13600 FIXED Mobile except aeronautical mobile (R) US340 | 13570-13600 FIXED US340 | International Fixed (23) Aviation (87) |
| 13600-13800 BROADCASTING | | | 13600-13800 BROADCASTING S5.148 US340 | | International Fixed (23) Radio Broadcast (HF) (73) |
| 13800-13870 BROADCASTING S5.134 S5.151 | | | 13800-14000 FIXED Mobile except aeronautical mobile (R) US340 | 13800-14000 FIXED US340 | International Fixed (23) Aviation (87) |
| 13870-14000 FIXED Mobile except aeronautical mobile (R) | | | | | |
| 14000-14250 AMATEUR S5.120 AMATEUR-SATELLITE | | | 14000-14350 US340 | 14000-14250 AMATEUR S5.120 AMATEUR-SATELLITE US340 | Amateur (97) |
| 14250-14350 AMATEUR S5.120 S5.152 | | | | 14250-14350 AMATEUR S5.120 US340 | |
| 14350-14990 FIXED Mobile except aeronautical mobile (R) | | | 14350-14990 FIXED Mobile except aeronautical mobile (R) US340 | 14350-14990 FIXED US340 | International Fixed (23) Aviation (87) |
| 14990-15005 STANDARD FREQUENCY AND TIME SIGNAL (15000 kHz) S5.111 | | | 14990-15005 STANDARD FREQUENCY AND TIME SIGNAL (15000 kHz) S5.111 US340 | | |

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| 15005-15010 STANDARD FREQUENCY AND TIME SIGNAL Space research | 15005-15010 STANDARD FREQUENCY AND TIME SIGNAL US340 G106 | 15005-15010 STANDARD FREQUENCY AND TIME SIGNAL US340 | |
| 15010-15100 AERONAUTICAL MOBILE (OR) | 15010-15100 AERONAUTICAL MOBILE (OR) US340 | | |
| 15100-15600 BROADCASTING | 15100-15600 BROADCASTING S5.148 US340 | | International Fixed (23) Radio Broadcast (HF) (73) |
| 15600-15800 BROADCASTING S5.134 S5.146 | 15600-16360 FIXED US340 | | International Fixed (23) Aviation (87) |
| 15800-16360 FIXED S5.153 | | | |
| 16360-17410 MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 | 16360-17410 MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 US82 US296 US340 | | Maritime (80) |
| 17410-17480 FIXED | 17410-17550 FIXED US340 | | International Fixed (23) Aviation (87) |
| 17480-17550 BROADCASTING S5.134 S5.146 | | | |
| 17550-17900 BROADCASTING | 17550-17900 BROADCASTING S5.148 US340 | | International Fixed (23) Radio Broadcast (HF) (73) |

17900-22855 kHz (HF)

| International Table | | | United States Table | | Remarks |
|--|----------|----------|---|---|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 17900-17970 AERONAUTICAL MOBILE (R) | | | 17900-17970 AERONAUTICAL MOBILE (R) US283 US340 | | Aviation (87) |
| 17970-18030 AERONAUTICAL MOBILE (OR) | | | 17970-18030 AERONAUTICAL MOBILE (OR) US340 | | |
| 18030-18052 FIXED | | | 18030-18068 FIXED | | International Fixed (23) Maritime (80) |
| 18052-18068 FIXED Space research | | | US340 | | |
| 18068-18168 AMATEUR S5.120 AMATEUR-SATELLITE S5.154 | | | 18068-18168 US340 | 18068-18168 AMATEUR S5.120 AMATEUR-SATELLITE US340 | International Fixed (23) Amateur (97) |
| 18168-18780 FIXED Mobile except aeronautical mobile | | | 18168-18780 FIXED Mobile US340 | | International Fixed (23) Maritime (80) Aviation (87) |
| 18780-18900 MARITIME MOBILE | | | 18780-18900 MARITIME MOBILE US82 US296 US340 | | International Fixed (23) Maritime (80) |
| 18900-19020 BROADCASTING S5.134 S5.146 | | | 18900-19680 FIXED | | International Fixed (23) Aviation (87) |
| 19020-19680 FIXED | | | US340 | | |
| 19680-19800 MARITIME MOBILE S5.132 | | | 19680-19800 MARITIME MOBILE S5.132 US340 | | Maritime (80) |
| 19800-19990 FIXED | | | 19800-19990 FIXED US340 | | International Fixed (23) Aviation (87) |

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| 19990-19995 STANDARD FREQUENCY AND TIME SIGNAL Space research S5.111 | 19990-19995 STANDARD FREQUENCY AND TIME SIGNAL Space research G106 S5.111 US340 | 19990-19995 STANDARD FREQUENCY AND TIME SIGNAL Space research S5.111 US340 | |
| 19995-20010 STANDARD FREQUENCY AND TIME SIGNAL (20000 kHz) S5.111 | 19995-20010 STANDARD FREQUENCY AND TIME SIGNAL (20000 kHz) S5.111 US340 G106 | 19995-20010 STANDARD FREQUENCY AND TIME SIGNAL (20000 kHz) S5.111 US340 | |
| 20010-21000 FIXED Mobile | 20010-21000 FIXED Mobile US340 | 20010-21000 FIXED US340 | |
| 21000-21450 AMATEUR S5.120 AMATEUR-SATELLITE | 21000-21450 US340 | 21000-21450 AMATEUR S5.120 AMATEUR-SATELLITE US340 | Amateur (97) |
| 21450-21850 BROADCASTING | 21450-21850 BROADCASTING S5.148 US340 | | International Fixed (23) Radio Broadcast (HF) (73) |
| 21850-21870 FIXED S5.155A S5.155 | 21850-21924 FIXED US340 | | International Fixed (23) Aviation (87) |
| 21870-21924 FIXED S5.155B | | | |
| 21924-22000 AERONAUTICAL MOBILE (R) | 21924-22000 AERONAUTICAL MOBILE (R) US340 | | Aviation (87) |
| 22000-22855 MARITIME MOBILE S5.132 S5.156 | 22000-22855 MARITIME MOBILE S5.132 US82 US296 US340 | | International Fixed (23) Maritime (80) |

22855-26175 kHz (HF)

| International Table | | | United States Table | | Remarks |
|---|----------|----------|---|---|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 22855-23000 FIXED S5.156 | | | 22855-23000 FIXED US340 | | International Fixed (23) Aviation (87) |
| 23000-23200 FIXED Mobile except aeronautical mobile (R) S5.156 | | | 23000-23200 FIXED Mobile except aeronautical mobile (R) US340 | 23000-23200 FIXED US340 | |
| 23200-23350 FIXED S5.156A AERONAUTICAL MOBILE (OR) | | | 23200-23350 AERONAUTICAL MOBILE (OR) US340 | | |
| 23350-24000 FIXED MOBILE except aeronautical mobile S5.157 | | | 23350-24890 FIXED MOBILE except aeronautical mobile US340 | 23350-24890 FIXED US340 | International Fixed (23) Aviation (87) |
| 24000-24890 FIXED LAND MOBILE | | | | | |
| 24890-24990 AMATEUR S5.120 AMATEUR-SATELLITE | | | 24890-24990 US340 | 24890-24990 AMATEUR S5.120 AMATEUR-SATELLITE US340 | Amateur (97) |
| 24990-25005 STANDARD FREQUENCY AND TIME SIGNAL (25000 kHz) | | | 24990-25005 STANDARD FREQUENCY AND TIME SIGNAL (25000 kHz) US340 | | |
| 25005-25010 STANDARD FREQUENCY AND TIME SIGNAL Space research | | | 25005-25010 STANDARD FREQUENCY AND TIME SIGNAL US340 G106 | 25005-25010 STANDARD FREQUENCY AND TIME SIGNAL US340 | |
| 25010-25070 FIXED MOBILE except aeronautical mobile | | | 25010-25070 US340 | 25010-25070 LAND MOBILE US340 NG112 | Private Land Mobile (90) |

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| 25070-25210 MARITIME MOBILE | 25070-25210 MARITIME MOBILE US82 US281 US296 US340 | 25070-25210 MARITIME MOBILE US82 US281 US296 US340 NG112 | Maritime (80) Private Land Mobile (90) |
| 25210-25550 FIXED MOBILE except aeronautical mobile | 25210-25330 US340 | 25210-25330 LAND MOBILE US340 | Private Land Mobile (90) |
| | 25330-25550 FIXED MOBILE except aeronautical mobile US340 | 25330-25550 US340 | |
| 25550-25670 RADIO ASTRONOMY S5.149 | 25550-25670 RADIO ASTRONOMY US74 S5.149 | | |
| 25670-26100 BROADCASTING | 25670-26100 BROADCASTING US25 US340 | | Radio Broadcast (HF) (73) Remote Pickup (74D) |
| 26100-26175 MARITIME MOBILE S5.132 | 26100-26175 MARITIME MOBILE S5.132 US340 | | Auxiliary Broadcasting (74) Maritime (80) |

25175-33 MHz (HF/VHF)

| International Table | | | United States Table | | Remarks | | | |
|---|----------|----------|--|--|---|---|---|--------------------------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | | | | |
| 26175-27500 FIXED MOBILE except aeronautical mobile | | | 26175-26480 US340 | 26175-26480 LAND MOBILE US340 | Auxiliary Broadcasting (74) | | | |
| | | | 26480-26950 FIXED MOBILE except aeronautical mobile US10 US340 | 26480-26950 US10 US340 | | | | |
| | | | 26950-27410 S5.150 US340 | 26950-26960 FIXED S5.150 US340 | ISM Equipment (18) International Fixed (23) | | | |
| | | | | 26960-27230 MOBILE except aeronautical mobile S5.150 US340 | ISM Equipment (18) Personal Radio (95) | | | |
| | | | | 27230-27410 FIXED MOBILE except aeronautical mobile S5.150 US340 | ISM Equipment (18) Private Land Mobile (90) Personal Radio (95) | | | |
| | | | S5.150 | | | 27410-27540 US340 | 27410-27540 FIXED LAND MOBILE US340 | Private Land Mobile (90) |
| | | | | | | 27500-28000 METEOROLOGICAL AIDS FIXED MOBILE | 27540-28000 FIXED MOBILE US298 US340 | |
| | | | | US298 US340 | | | | |

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| 28-29.7 AMATEUR AMATEUR-SATELLITE | 28-29.89 | 28-29.7 AMATEUR AMATEUR-SATELLITE US340 | Amateur (97) |
| 29.7-30.005 FIXED MOBILE | | 29.7-29.8 LAND MOBILE US340 | Private Land Mobile (90) |
| | US340 | 29.8-29.89 FIXED US340 | International Fixed (23) Aviation (87) |
| | 29.89-29.91 FIXED MOBILE US340 | 29.89-29.91 US340 | |
| | 29.91-30 US340 | 29.91-30 FIXED US340 | International Fixed (23) Aviation (87) |
| 30.005-30.01 SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH | 30-30.56 FIXED MOBILE | 30-30.56 | |
| 30.01-37.5 FIXED MOBILE | 30.56-32 | 30.56-32 FIXED LAND MOBILE NG124 | Private Land Mobile (90) |
| | 32-33 FIXED MOBILE | 32-33 | |

33-50 MHz (VHF)

| International Table | | | United States Table | | Remarks |
|--|----------|----------|--|--|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| See previous page for 30.01-37.5 MHz | | | 33-34 | 33-34 FIXED LAND MOBILE NG124 | Private Land Mobile (90) |
| | | | 34-35 FIXED MOBILE | 34-35 | |
| | | | 35-36 | 35-36 FIXED LAND MOBILE | Public Mobile (22) Private Land Mobile (90) |
| | | | 36-37 FIXED MOBILE US220 | 36-37 US220 | |
| | | | 37-37.5 | 37-37.5 LAND MOBILE NG124 | Private Land Mobile (90) |
| 37.5-38.25 FIXED MOBILE Radio astronomy S5.149 | | | 37.5-38 Radio astronomy S5.149 | 37.5-38 LAND MOBILE Radio astronomy S5.149 NG59 NG124 | |
| | | | 38-38.25 FIXED MOBILE RADIO ASTRONOMY | 38-38.25 RADIO ASTRONOMY | |
| | | | S5.149 US81 | S5.149 US81 | |
| 38.25-39.986 FIXED MOBILE | | | 38.25-39 FIXED MOBILE | 38.25-39 | |
| | | | 39-40 | 39-40 LAND MOBILE NG124 | Private Land Mobile (90) |
| 39.986-40.02 FIXED MOBILE Space research | | | 40-42 FIXED MOBILE | 40-40.98 | ISM Equipment (18) |

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| 40.02-40.98 FIXED MOBILE S5.150 | | | | | |
| 40.98-41.015 FIXED MOBILE Space research S5.160 S5.161 | | | | S5.150 US210 40.98-42 | |
| 41.015-44 FIXED MOBILE S5.160 S5.161 | | | S5.150 US210 US220 | US220 | |
| 44-47 FIXED MOBILE S5.162 S5.162A | | | 42-46.6 | 42-43.69 FIXED LAND MOBILE NG124 NG141 | Public Mobile (22) Private Land Mobile (90) |
| | | | | 43.69-46.6 LAND MOBILE NG124 NG141 | Private Land Mobile (90) |
| 47-68 BROADCASTING S5.162A S5.163 S5.164 S5.165 S5.169 S5.171 | | | 47-50 FIXED MOBILE | 47-50 FIXED MOBILE BROADCASTING | |
| | | | 47-49.6 | 47-49.6 LAND MOBILE NG124 | Private Land Mobile (90) |
| See next page for 50-68 MHz | | | 46.6-47 FIXED MOBILE | 46.6-47 | |
| | | | 49.6-50 FIXED MOBILE | 49.6-50 | |
| See next page for 50-73 MHz | | | See next page for 50-73 MHz | See next page for 50-72 MHz | See next page for 50-72 MHz |
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50-123.5875 (VHF)

| International Table | | | United States Table | | Remarks | |
|---|--|--|---|---|---|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | | |
| See previous page for 47-68 MHz | 50-54 AMATEUR S5.166 S5.167 S5.168 S5.170 | | 50-73 | 50-54 AMATEUR | Amateur (97) | |
| | 54-68 BROADCASTING Fixed Mobile S5.172 | 54-68 FIXED MOBILE BROADCASTING | | 54-72 BROADCASTING | Broadcast Radio (TV) (73) Auxiliary Broadcasting (74) | |
| 68-74.8 FIXED MOBILE except aeronautical mobile S5.149 S5.174 S5.175 S5.177 S5.179 | 68-72 BROADCASTING Fixed Mobile S5.173 | 68-74.8 FIXED MOBILE S5.149 S5.176 S5.179 | NG128 NG149 | 72-73 FIXED MOBILE NG3 NG49 NG56 | Public Mobile (22) Private Land Mobile (90) Personal Radio (95) | |
| | 72-73 FIXED MOBILE | | | | | |
| | 73-74.6 RADIO ASTRONOMY S5.178 | | | | | 73-74.6 RADIO ASTRONOMY US74 |
| | 74.6-74.8 FIXED MOBILE | | | | | 74.6-74.8 FIXED MOBILE US273 |
| 74.8-75.2 AERONAUTICAL RADIONAVIGATION S5.180 S5.181 | | | 74.8-75.2 AERONAUTICAL RADIONAVIGATION S5.180 | | Aviation (87) | |
| 75.2-87.5 FIXED MOBILE except aeronautical mobile | 75.2-75.4 FIXED MOBILE S5.179 | | 75.2-75.4 FIXED MOBILE US273 | | Private Land Mobile (90) | |

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| S5.175 S5.179 S5.184 S5.187 | 75.4-76 FIXED MOBILE | 75.4-87 FIXED MOBILE | 75.4-88 | 75.4-76 FIXED MOBILE NG3 NG49 NG56 | Public Mobile (22) Private Land Mobile (90) Personal Radio (95) | |
| | 76-88 BROADCASTING Fixed Mobile | S5.149 S5.182 S5.183 S5.188 | | 76-88 BROADCASTING | | Broadcast Radio (TV) (73) Auxiliary Broadcasting (74) |
| | 87-100 FIXED MOBILE BROADCASTING | 87-100 FIXED MOBILE BROADCASTING | | NG128 NG129 NG149 | | |
| 87.5-100 BROADCASTING | S5.185 | | 88-108 BROADCASTING | 88-108 BROADCASTING | Broadcast Radio (FM) (73) Auxiliary Broadcasting (74) | |
| S5.190 | 88-100 BROADCASTING | 88-108 BROADCASTING | | | | US93 NG2 NG128 NG129 |
| 100-108 BROADCASTING S5.192 S5.194 | | | 108-117.975 AERONAUTICAL RADIONAVIGATION S5.197 | 108-117.975 AERONAUTICAL RADIONAVIGATION US93 G126 | Note: Footnote G126 states that DGPS stations may be authorized on a primary basis in this band, but the FCC has not yet addressed this footnote. | |
| 117.975-137 AERONAUTICAL MOBILE (R) | | | 117.975-121.9375 AERONAUTICAL MOBILE (R) S5.111 S5.199 S5.200 591 US26 US28 | 121.9375-123.0875 AERONAUTICAL MOBILE | Aviation (87) | |
| | | | 591 US30 US31 US33 US80 US102 US213 | 591 US30 US31 US33 US80 US102 US213 | | |
| | | | 123.0875-123.5875 AERONAUTICAL MOBILE S5.200 591 US32 US33 US112 | | | |
| S5.111 S5.198 S5.199 S5.200 S5.201 S5.202 S5.203 S5.203A S5.203B | | | See next page for 123.5875-137 MHz | | See next page for 123.5875-137 MHz | |

123.5875-148 MHz (VHF)

| International Table | | | United States Table | | Remarks |
|---|----------|----------|--|---|----------------------------------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| See previous page for 117.975-137 MHz | | | 123.5875-128.8125 AERONAUTICAL MOBILE (R) 591 US26 | | Aviation (87) |
| | | | 128.8125-132.0125 591 | 128.8125-132.0125 AERONAUTICAL MOBILE (R) 591 | |
| | | | 132.0125-136.00 AERONAUTICAL MOBILE (R) 591 US26 | | |
| | | | | | |
| 137-137.025 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208 | | | 137-137.025 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 599B US318 US319 US320 SPACE RESEARCH (space-to-Earth) 599A | | Satellite Communications (25) |
| 137.025-137.175 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) S5.208A S5.209 Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208 | | | 137.025-137.175 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-earth) Mobile-satellite (space-to-Earth) 599B US318 US319 US320 599A | | |
| 137.175-137.825 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208 | | | 137.175-137.825 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 599B US318 US319 US320 SPACE RESEARCH (space-to-Earth) 599A | | |

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| 137.825-138 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) S5.208A S5.209 Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208 | | | 137.825-138 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Mobile-satellite (space-to-Earth) 599B US318 US319 US320 599A | | |
| 138-143.6 AERONAUTICAL MOBILE (OR) S5.210 S5.211 S5.212 S5.214 | 138-143.6 FIXED MOBILE RADIOLOCATION Space research (space-to-Earth) | 138-143.6 FIXED MOBILE Space research (space-to-Earth) S5.207 S5.213 | 138-144 FIXED MOBILE | 138-144 | |
| 143.6-143.65 AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space-to-Earth) S5.211 S5.212 S5.214 | 143.6-143.65 FIXED MOBILE RADIOLOCATION SPACE RESEARCH (space-to-Earth) | 143.6-143.65 FIXED MOBILE SPACE RESEARCH (space-to-Earth) S5.207 S5.213 | | | |
| 143.65-144 AERONAUTICAL MOBILE (OR) S5.210 S5.211 S5.212 S5.214 | 143.65-144 FIXED MOBILE RADIOLOCATION Space research (space-to-Earth) | 143.65-144 FIXED MOBILE Space research (space-to-Earth) S5.207 S5.213 | | | |
| 144-146 AMATEUR S5.120 AMATEUR-SATELLITE S5.216 | | | 144-148 | 144-146 AMATEUR 510 AMATEUR-SATELLITE | Amateur (97) |
| 146-148 FIXED MOBILE except aeronautical mobile (R) | 146-148 AMATEUR S5.217 | 146-148 AMATEUR FIXED MOBILE S5.217 | | 146-148 AMATEUR | |

148-162.0125 MHz (VHF)

| International Table | | | United States Table | | Remarks |
|---|--|----------|---|--|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 148-149.9 FIXED MOBILE except aeronautical mobile (R) MOBILE-SATELLITE (Earth-to-space) S5.209 S5.218 S5.219 S5.221 | 148-149.9 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.209 S5.218 S5.219 S5.221 | | 148-149.9 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 599B US319 US320 US323 US325 S5.218 608A US10 G30 | 148-149.9 MOBILE-SATELLITE (Earth-to-space) 599B US319 US320 US323 US325 S5.218 608A US10 | Satellite Communications (25) |
| 149.9-150.05 MOBILE-SATELLITE (Earth-to-space) S5.209 S5.224A RADIONAVIGATION-SATELLITE S5.224B S5.220 S5.222 S5.223 | | | 149.9-150.05 MOBILE-SATELLITE (Earth-to-space) 599B US319 US322 RADIONAVIGATION-SATELLITE S5.223 608B | | |
| 150.05-153 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149 | 150.05-156.7625 FIXED MOBILE | | 150.05-150.8 FIXED MOBILE US216 G30 | 150.05-150.8 US216 | |
| | | | 150.8-152.855 US216 | 150.8-152.855 FIXED LAND MOBILE US216 NG4 NG51 NG112 NG124 | Public Mobile (22) Private Land Mobile (90) Personal Radio (95) |
| 153-154 FIXED MOBILE except aeronautical mobile (R) Meteorological aids | | | | 152.855-154 LAND MOBILE NG4 NG124 | Auxiliary Broadcasting (74) Private Land Mobile (90) |
| 154-156.7625 FIXED MOBILE except aeronautical mobile (R) S5.226 S5.227 | | | 154-156.2475 S5.226 | 154-156.2475 FIXED LAND MOBILE S5.226 NG112 NG117 NG124 NG148 | Maritime (80) Private Land Mobile (90) Personal Radio (95) |
| | | | 156.2475-157.0375 | 156.2475-157.0375 MARITIME MOBILE | |

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| 156.7625-156.8375 MARITIME MOBILE (distress and calling) | | | | |
| S5.111 S5.226 | | | | |
| 156.8375-174 FIXED MOBILE except aeronautical mobile | 156.8375-174 FIXED MOBILE | S5.226 S5.227 US77 US106 US107 US266 | S5.226 S5.227 US77 US106 US107 US266 NG117 | |
| | | 157.0375-157.1875 MARITIME MOBILE | 157.0375-157.1875 | Private Land Mobile (90) |
| | | S5.226 US214 US266 G109 | S5.226 US214 US266 | |
| | | 157.1875-157.45 | 157.1875-157.45 LAND MOBILE MARITIME MOBILE | Maritime (80) Private Land Mobile (90) |
| | | S5.226 US223 US266 | S5.226 US223 US266 NG111 | |
| | | 157.45-161.575 | 157.45-161.575 FIXED LAND MOBILE | Public Mobile (22) Maritime (80) Private Land Mobile (90) |
| | | S5.226 US266 | S5.226 US266 NG6 NG28 NG70 NG111 NG112 NG124 NG148 NG155 | |
| | | 161.575-161.625 | 161.575-161.625 MARITIME MOBILE | Public Mobile (22) Maritime (80) |
| | | S5.226 US77 | S5.226 US77 NG6 NG17 | |
| 161.625-161.775 | 161.625-161.775 LAND MOBILE | Public Mobile (22) Auxiliary Broadcasting (74) | | |
| S5.226 | S5.226 NG6 | | | |
| 161.775-162.0125 | 161.775-162.0125 LAND MOBILE MARITIME MOBILE | Public Mobile (22) Maritime (80) Private Land Mobile (90) | | |
| S5.226 US266 | S5.226 US266 NG6 | | | |
| S5.226 S5.229 | S5.226 S5.230 S5.231 S5.232 | See next page for 162.0125-174 MHz | See next page for 162.0125-174 MHz | |

162.0125-322 MHz (VHF/UHF)

| International Table | | | United States Table | | Remarks | |
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| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | | |
| See previous page for 156.8375-174 MHz | | | 162.0125-173.2 FIXED MOBILE | 162.0125-173.2 | Auxiliary Broadcasting (74) Private Land Mobile (90) | |
| | | | S5.226 US8 US11 US13 US216 US223 US300 US312 G5 | S5.226 US8 US11 US13 US216 US223 US300 US312 | | |
| | | | 173.2-173.4 | 173.2-173.4 FIXED Land mobile | Private Land Mobile (90) | |
| | | | 173.4-174 FIXED MOBILE G5 | 173.4-174 | | |
| 174-223 BROADCASTING | 174-216 BROADCASTING Fixed Mobile S5.234 | 174-223 FIXED MOBILE BROADCASTING | 174-216 | 174-216 BROADCASTING NG115 NG128 NG149 | Broadcast Radio (TV) (73) Auxiliary Broadcasting (74) | |
| | 216-220 FIXED MARITIME MOBILE Radiolocation S5.241 S5.242 | | 216-220 MARITIME MOBILE Fixed Radiolocation S5.241 G2 Aeronautical mobile Land mobile US210 US229 US274 US317 | 216-220 MARITIME MOBILE Fixed Aeronautical mobile Land mobile US210 US229 US274 US317 NG152 | | Maritime (80) Private Land Mobile (90) Personal Radio (95) Amateur (97) Note: 216-220 MHz will become a mixed-use band in January 2002 |
| | 220-225 AMATEUR FIXED MOBILE Radiolocation S5.241 | | 220-222 FIXED LAND MOBILE Radiolocation S5.241 G2 US335 | 220-222 FIXED LAND MOBILE US335 | Private Land Mobile (90) | |
| | S5.235 S5.237 S5.243 | | S5.233 S5.238 S5.240 S5.245 | 222-225 Radiolocation S5.241 G2 | | 222-225 AMATEUR |
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|---|----------------------------|--|---------------------------------------|-------------------------------------|--|
| 223-230 BROADCASTING Fixed Mobile S5.243 S5.246 S5.247 | 225-235 FIXED MOBILE | 223-230 FIXED MOBILE BROADCASTING AERONAUTICAL RADIONAVIGATION Radiolocation S5.250 | 225-235 FIXED MOBILE G27 | 225-235 | |
| 230-235 FIXED MOBILE S5.247 S5.251 S5.252 | | 230-235 FIXED MOBILE AERONAUTICAL RADIONAVIGATION S5.250 | | | |
| 235-267 FIXED MOBILE S5.111 S5.199 S5.252 S5.254 S5.256 | | 235-267 FIXED MOBILE S5.111 S5.199 S5.256 G27 G100 | | 235-267 S5.111 S5.199 S5.256 | |
| 267-272 FIXED MOBILE Space operation (space-to-Earth) S5.254 S5.257 | | 267-322 FIXED MOBILE | | 267-322 | |
| 272-273 SPACE OPERATION (space-to-Earth) FIXED MOBILE S5.254 | | | | | |
| 273-312 FIXED MOBILE S5.254 | | | | | |
| 312-315 FIXED MOBILE Mobile-satellite (Earth-to-space) S5.254 S5.255 | | G27 G100 | | | |
| See next page for 315-322 MHz | | | | | |

322-410 MHz (UHF)

| International Table | | | United States Table | | Remarks |
|---|----------|----------|--|-----------------------------|-----------------------------------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 315-322 FIXED MOBILE S5.254 | | | See previous page for 267-322 MHz | | See previous page for 267-322 MHz |
| 322-328.6 FIXED MOBILE RADIO ASTRONOMY S5.149 | | | 322-328.6 FIXED MOBILE S5.149 G27 | 322-328.6 S5.149 | |
| 328.6-335.4 AERONAUTICAL RADIONAVIGATION S5.258 S5.259 | | | 328.6-335.4 AERONAUTICAL RADIONAVIGATION S5.258 | | |
| 335.4-387 FIXED MOBILE S5.254 | | | 335.4-399.9 FIXED MOBILE G27 G100 | 335.4-399.9 | |
| 387-390 FIXED MOBILE Mobile-satellite (space-to-Earth) S5.208A S5.254 S5.255 | | | | | |
| 390-399.9 FIXED MOBILE S5.254 | | | | | |
| 399.9-400.05 MOBILE-SATELLITE (Earth-to-space) S5.209 A5.224A RADIONAVIGATION-SATELLITE S5.222 S5.224B S5.260 S5.220 | | | 399.9-400.05 MOBILE-SATELLITE (Earth-to-space) US319 US322 RADIONAVIGATION-SATELLITE S5.260 | | |
| 400.05-400.15 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) S5.261 S5.262 | | | 400.05-400.15 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) S5.261 | | |

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| <p>400.15-401 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) S5.263 Space operation (space-to-Earth)</p> <p>S5.262 S5.264</p> | <p>400.15-401 METEOROLOGICAL AIDS (radiosonde) METEOROLOGICAL-SAT- ELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 599B US319 US320 US324 SPACE RESEARCH (space-to-Earth) S5.263 Space operation (space-to-Earth)</p> <p>647B US70</p> | <p>400.15-401 METEOROLOGICAL AIDS (radiosonde) MOBILE-SATELLITE (space-to-Earth) 599B US319 US320 US324 SPACE RESEARCH (space-to-Earth) S5.263 Space operation (space-to-Earth)</p> <p>647B US70</p> | <p>Satellite Communications (25)</p> |
| <p>401-402 METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile</p> | <p>401-402 METEOROLOGICAL AIDS (radiosonde) SPACE OPERATION (space-to-Earth) Earth exploration-satellite (Earth-to-space) Meteorological-satellite (Earth-to-space)</p> <p>US70</p> | | |
| <p>402-403 METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile</p> | <p>402-403 METEOROLOGICAL AIDS (radiosonde) US70 Earth exploration-satellite (Earth-to-space) Meteorological-satellite (Earth-to-space)</p> <p>US345</p> | | <p>Personal Radio (95)</p> |
| <p>403-406 METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile</p> | <p>403-406 METEOROLOGICAL AIDS (radiosonde) US70</p> <p>US345 G6</p> | <p>403-406 METEOROLOGICAL AIDS (radiosonde) US70</p> <p>US345</p> | |
| <p>406-406.1 MOBILE-SATELLITE (Earth-to-space)</p> <p>S5.266 S5.267</p> | <p>406-406.1 MOBILE-SATELLITE (Earth-to-space)</p> <p>S5.266 S5.267</p> | | |
| <p>406.1-410 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY</p> <p>S5.149</p> | <p>406.1-410 FIXED MOBILE RADIO ASTRONOMY US74</p> <p>US13 US117 G5 G6</p> | <p>406.1-410 RADIO ASTRONOMY US74</p> <p>US13 US117</p> | |

410-470 MHz (UHF)

| International Table | | | United States Table | | Remarks |
|---|---|--|--|---|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 410-420 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) S5.268 | | | 410-420 FIXED MOBILE SPACE RESEARCH (space-to-space) S5.268 US13 G5 | 410-420 US13 | Note: In this manual a primary allocation has been added for SPACE RESEARCH (space-to-space). At this time, the FCC has not adopted this change. |
| 420-430 FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271 | | | 420-450 RADIOLOCATION G2 S5.286 US7 US87 US217 US228 US230 G8 | 420-450 Amateur S5.282 S5.286 US7 US87 US217 US228 US230 NG135 | Private Land Mobile (90) Amateur (97) |
| 430-440 AMATEUR RADIOLOCATION S5.138 S5.271 S5.272 S5.273 S5.274 S5.275 S5.276 S5.277 S5.280 S5.281 S5.282 S5.283 | 430-440 RADIOLOCATION Amateur S5.271 S5.276 S5.277 S5.278 S5.279 S5.281 S5.282 | | | | |
| 440-450 FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271 S5.284 S5.285 S5.286 | | | | | |
| 450-455 FIXED MOBILE S5.209 S5.271 S5.286 S5.286A S5.286B S5.286C S5.286D S5.286E | | | 450-454 S5.286 US87 | 450-454 LAND MOBILE S5.286 US87 NG112 NG124 | Auxiliary Broadcasting (74) Private Land Mobile (90) |
| | | | 454-456 | 454-455 FIXED LAND MOBILE NG12 NG112 NG148 | Public Mobile (22) Maritime (80) |
| 455-456 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E | 455-456 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C S5.209 | 455-456 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E | | 455-456 LAND MOBILE | Auxiliary Broadcasting (74) |

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| 456-459 FIXED MOBILE S5.271 S5.287 S5.288 | | | 456-460 S5.288 669 | 456-460 FIXED LAND MOBILE S5.288 669 NG112 NG124 NG148 | Public Mobile (22) Maritime (80) Private Land Mobile (90) |
| 459-460 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E | 459-460 FIXED MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C S5.209 | 459-460 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E | | | |
| 460-470 FIXED MOBILE Meteorological-satellite (space-to-Earth) S5.287 S5.288 S5.289 S5.290 | | | 460-470 Meteorological-satellite (space-to-Earth) | 460-462.5375 FIXED LAND MOBILE S5.289 US201 US209 NG124 | Private Land Mobile (90) |
| | | | | 462.5375-462.7375 LAND MOBILE S5.289 US201 | Personal Radio (95) |
| | | | | 462.7375-467.5375 FIXED LAND MOBILE S5.289 669 US201 US209 US216 NG124 | Private Land Mobile (90) |
| | | | | 467.5375-467.7375 LAND MOBILE S5.289 669 US201 | Personal Radio (95) |
| | | | | 467.7375-470 FIXED LAND MOBILE S5.288 S5.289 US201 US216 NG124 | Private Land Mobile (90) |

470-849 MHz (UHF)

| International Table | | | United States Table | | Remarks |
|-------------------------|---|---|--|--|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 470-790 BROADCASTING | 470-512 BROADCASTING Fixed Mobile S5.292 S5.293 | 470-585 FIXED MOBILE BROADCASTING S5.291 S5.298 | 470-608 | 470-512 FIXED BROADCASTING LAND MOBILE NG66 NG114 NG127 NG128 NG149 | Public Mobile (22) Broadcast Radio (TV) (73) Auxiliary Broadcasting (74) Private Land Mobile (90) |
| | 512-608 BROADCASTING | | | 512-608 BROADCASTING | Broadcast Radio (TV) (73) Auxiliary Broadcasting (74) |
| | 585-610 FIXED MOBILE BROADCASTING RADIONAVIGATION S5.297 | 608-614 LAND MOBILE US350 RADIO ASTRONOMY US74 | 608-614 LAND MOBILE US350 RADIO ASTRONOMY US74 | Personal (95) | |
| | 608-614 RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth-to-space) S5.149 S5.305 S5.306 S5.307 | 610-890 FIXED MOBILE BROADCASTING | US246 | | |
| | 614-806 BROADCASTING Fixed Mobile | | 614-890 | 614-698 BROADCASTING NG128 NG149 | Broadcast Radio (TV) (73) Auxiliary Broadcast. (74) |
| | | | 698-746 BROADCASTING NG128 NG149 | Broadcast Radio (TV) (73) Auxiliary Broadcast. (74) Note: Band to be reallocated and auctioned by Sept. 30, 2002. | |

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| <p>S5.149 S5.291A S5.294 S5.296 S5.300 S5.302 S5.304 S5.306 S5.311 S5.312</p> | | | | <p>746-764 FIXED MOBILE BROADCASTING</p> <p>NG128 NG159</p> | <p>Wireless Communications (27) Broadcast Radio (TV) (73) Auxiliary Broadcasting (74) Private Land Mobile (90)</p> |
| <p>790-862 FIXED BROADCASTING</p> | <p>S5.293 S5.309 S5.311</p> | | | <p>764-776 FIXED MOBILE</p> <p>NG128 NG158 NG159</p> | <p>Auxiliary Broadcasting (74) Private Land Mobile (90)</p> |
| <p>S5.312 S5.314 S5.315 S5.316 S5.319 S5.321</p> | <p>806-890 FIXED MOBILE BROADCASTING</p> | | | <p>776-794 FIXED MOBILE BROADCASTING</p> <p>NG128 NG159</p> | <p>Wireless Communications (27) Broadcast Radio (TV) (73) Auxiliary Broadcast. (74) Private Land Mobile (90)</p> |
| <p>See next page for 862-890 MHz</p> | | | | <p>794-806 FIXED MOBILE</p> <p>NG128 NG158 NG159</p> | <p>Auxiliary Broadcasting (74) Private Land Mobile (90)</p> |
| | <p>S5.317 S5.318</p> | <p>S5.149 S5.305 S5.306 S5.307 S5.311 S5.320</p> | | <p>806-821 FIXED LAND MOBILE</p> <p>NG30 NG31 NG43 NG63</p> | <p>Public Mobile (22) Private Land Mobile (90)</p> |
| | | | | <p>821-824 LAND MOBILE</p> <p>NG30 NG43 NG63</p> | <p>Private Land Mobile (90)</p> |
| | | | | <p>824-849 FIXED LAND MOBILE</p> <p>NG30 NG43 NG63 NG151</p> | <p>Public Mobile (22)</p> |
| | | | | <p>See next page for 849-894 MHz</p> | <p>See next page for 866-896 MHz</p> |

849-941 MHz (UHF)

| International Table | | | United States Table | | Remarks |
|--|--|---|---------------------------------------|---|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| See previous pages for 470-862 MHz | See previous pages for 614-890 MHz | See previous pages for 585-890 MHz | See previous pages for 614-890 MHz | See previous pages for 614-849 MHz | See previous pages for 614-849 MHz |
| 862-890 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 S5.319 S5.323 | | | | 849-851 AERONAUTICAL MOBILE NG30 NG63 | Public Mobile (22) |
| | | | | 851-866 FIXED LAND MOBILE NG30 NG31 NG63 | Public Mobile (22) Private Land Mobile (90) |
| | | | | 866-869 LAND MOBILE NG30 NG63 | Private Land Mobile (90) |
| 890-942 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 Radiolocation S5.323 | 890-902 FIXED MOBILE except aeronautical mobile Radiolocation S5.318 S5.325 | 890-942 FIXED MOBILE BROADCASTING Radiolocation | 890-902 | 869-894 FIXED LAND MOBILE | Public Mobile (22) |
| | | | | US116 US268 NG30 NG63 NG151 | |
| | | | | 894-896 AERONAUTICAL MOBILE US116 US268 | |
| | | | | 896-901 FIXED LAND MOBILE US116 US268 | Private Land Mobile (90) |
| | | | | 901-902 FIXED MOBILE | Personal Communications (24) |
| | | | US116 US268 G2 | US116 US268 | |

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| | <p>902-928 FIXED Amateur Mobile except aeronautical mobile Radiolocation</p> <p>S5.150 S5.325 S5.326</p> | |
| | <p>928-942 FIXED MOBILE except aeronautical mobile Radiolocation</p> | |
| | S5.325 | S5.327 |

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| <p>902-928 RADIOLOCATION G59</p> <p>S5.150 US215 US218 US267 US275 G11</p> | <p>902-928</p> <p>S5.150 US215 US218 US267 US275</p> | <p>ISM Equipment (18) Private Land Mobile (90) Amateur (97)</p> |
| <p>928-932</p> | <p>928-929 FIXED US116 US215 US268 NG120</p> | <p>Public Mobile (22) Private Land Mobile (90) Fixed Microwave (101)</p> |
| | <p>929-930 FIXED LAND MOBILE US116 US215 US268</p> | <p>Private Land Mobile (90)</p> |
| | <p>930-931 FIXED MOBILE US116 US215 US268</p> | <p>Personal Communications (24)</p> |
| <p>US116 US215 US268 G2</p> | <p>931-932 FIXED LAND MOBILE US116 US215 US268</p> | <p>Public Mobile (22)</p> |
| <p>932-935 FIXED US215 US268 G2</p> | <p>932-935 FIXED US215 US268 NG120</p> | <p>Public Mobile (22) Fixed Microwave (101)</p> |
| <p>935-940</p> <p>US116 US215 US268 G2</p> | <p>935-940 FIXED LAND MOBILE US116 US215 US268</p> | <p>Private Land Mobile (90)</p> |
| <p>940-941</p> <p>US116 US268 G2</p> | <p>940-941 FIXED MOBILE US116 US268</p> | <p>Personal Communications (24)</p> |
| | <p>See next page for 941-944 MHz</p> | <p>See next page for 941-944 MHz</p> |

941-1429 MHz (UHF)

| International Table | | | United States Table | | Remarks |
|---|-----------------------------------|--|---|-------------------------------|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| See previous page for 890-942 MHz | See previous page for 928-942 MHz | See previous page for 890-942 MHz | 941-944 FIXED | 941-944 FIXED | Public Mobile (22) Fixed Microwave (101) |
| 942-960 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 | 942-960 FIXED MOBILE | 942-960 FIXED MOBILE BROADCASTING | US268 US301 US302 G2 | US268 US301 US302 NG120 | |
| S5.323 | | S5.320 | 944-960 | 944-960 FIXED NG120 | Public Mobile (22) International Fixed (23) Auxiliary Broadcast. (74) Fixed Microwave (101) |
| 960-1215 AERONAUTICAL RADIONAVIGATION S5.328 | | | 960-1215 AERONAUTICAL RADIONAVIGATION S5.328 US224 | | Aviation (87) |
| 1215-1240 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) S5.329 SPACE RESEARCH (active) S5.330 S5.331 S5.332 | | | 1215-1240 RADIOLOCATION S5.333 G56 RADIONAVIGATION-SATELLITE (space-to- Earth) | 1215-1240 S5.333 | |
| 1240-1260 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) S5.329 SPACE RESEARCH (active) Amateur S5.330 S5.331 S5.332 S5.334 S5.335 | | | 1240-1300 RADIOLOCATION S5.333 G56 | 1240-1300 Amateur | Amateur (97) |
| 1260-1300 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Amateur S5.282 S5.330 S5.331 S5.332 S5.334 S5.335 | | | S5.334 | S5.282 S5.333 S5.334 | |

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| 1300-1350 AERONAUTICAL RADIONAVIGATION S5.337 Radiolocation S5.149 | | 1300-1350 AERONAUTICAL RADIO- NAVIGATION S5.337 Radiolocation G2 S5.149 | 1300-1350 AERONAUTICAL RADIO- NAVIGATION S5.337 S5.149 | Aviation (87) |
| 1350-1400 FIXED MOBILE RADIOLOCATION S5.149 S5.338 S5.339 | 1350-1400 RADIOLOCATION S5.149 S5.334 S5.339 | 1350-1390 FIXED MOBILE RADIOLOCATION G2 S5.149 S5.334 S5.339 US311 G27 G114 | 1350-1390 S5.149 S5.334 S5.339 | |
| | | 1390-1395 RADIOLOCATION G2 Fixed Mobile S5.149 S5.339 US311 US351 G27 G114 | 1390-1395 S5.149 S5.339 US351 | Note: 1390-1395 MHz became non-Federal Government exclusive spectrum in January 1999 |
| | | 1395-1400 LAND MOBILE US350 S5.149 S5.339 US311 US351 | 1395-1400 LAND MOBILE US350 S5.149 S5.339 US311 US351 | Personal (95) |
| 1400-1427 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 S5.341 | | 1400-1427 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) S5.341 US246 | | |
| 1427-1429 SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile S5.341 | | 1427-1429 SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile S5.341 G30 | 1427-1429 SPACE OPERATION (Earth-to-space) Fixed (telemetry) Land mobile (telemetry and telecommand) S5.341 | Satellite Communications (25) Private Land Mobile (90) Note: 1427-1429 MHz became non-Federal Government exclusive spectrum in January 1999 |

1429-1610 MHz (UHF)

| International Table | | | United States Table | | Remarks |
|--|---|--|---|---|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 1429-1452 FIXED MOBILE except aeronautical mobile S5.341 S5.342 | 1429-1452 FIXED MOBILE S5.343 S5.341 | | 1429-1432 LAND MOBILE US350 S5.341 US352 | 1429-1432 LAND MOBILE US350 Fixed (telemetry) Land mobile (telemetry and telecommand) S5.341 US352 | Private Land Mobile (90) Personal (95) |
| | | | 1432-1435 FIXED MOBILE S5.341 G30 | 1432-1435 Fixed (telemetry) Land mobile (telemetry and telecommand) S5.341 | Private Land Mobile (90) Note: 1432-1435 MHz became mixed-use spectrum In January 1999. |
| | | | 1435-1525 MOBILE (aeronautical telemetry) | | Aviation (87) |
| 1452-1492 FIXED MOBILE except aeronautical mobile BROADCASTING S5.345 S5.347 BROADCASTING- SATELLITE S5.345 S5.347 S5.341 S5.342 | 1452-1492 FIXED MOBILE S5.343 BROADCASTING S5.345 S5.347 BROADCASTING-SATELLITE S5.345 S5.347 S5.341 S5.344 | | S5.341 US78 | | |
| 1492-1525 FIXED MOBILE except aeronautical mobile S5.341 S5.342 | 1492-1525 FIXED MOBILE S5.343 MOBILE-SATELLITE (space-to-Earth) S5.348A S5.341 S5.344 S5.348 | 1492-1525 FIXED MOBILE S5.341 S5.348A | | | |
| 1525-1530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Mobile except aeronautical mobile S5.349 S5.341 S5.342 S5.350 S5.351 S5.352A S5.354 | 1525-1530 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Fixed Mobile S5.343 S5.341 S5.351 S5.354 | 1525-1530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Mobile S5.349 S5.341 S5.351 S5.352A S5.354 | 1525-1530 MOBILE-SATELLITE (space-to-Earth) Mobile (aeronautical telemetry) S5.341 S5.351 US78 | | Satellite Communications (25) Aviation (87) |

1610-1670 MHz (UHF)

| International Table | | | United States Table | | Remarks |
|--|--|--|--|------------------------|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 1610-1610.6 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION S5.341 S5.355 S5.359 S5.363 S5.364 S5.366 S5.367 S5.368 S5.369 S5.371 S5.372 | 1610-1610.6 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to- space) | 1610-1610.6 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Radiodetermination-Satellite (Earth-to-space) | 1610-1610.6 MOBILE-SATELLITE (Earth-to-space) US319 AERONAUTICAL RADIONAVIGATION US260 RADIODETERMINATION-SATELLITE(Earth-to-space) | | Satellite Communications (25) Aviation (87) |
| 1610.6-1613.8 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION S5.149 S5.341 S5.355 S5.359 S5.363 S5.364 S5.366 S5.367 S5.368 S5.369 S5.371 S5.372 | 1610.6-1613.8 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to- space) | 1610.6-1613.8 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space) | 1610.6-1613.8 MOBILE-SATELLITE (Earth-to-space) US319 RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION US260 RADIODETERMINATION-SATELLITE (Earth-to-space) | | |
| 1613.8-1626.5 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) | 1613.8-1626.5 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to- space) Mobile-satellite (space-to- Earth) | 1613.8-1626.5 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to- Earth) Radiodetermination- satellite (Earth-to-space) | 1613.8-1626.5 MOBILE-SATELLITE (Earth-to-space) US319 AERONAUTICAL RADIONAVIGATION US260 RADIODETERMINATION-SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth) | | |
| 1626.5-1660 MOBILE-SATELLITE (Earth-to-space) | | | 1626.5-1645.5 MOBILE-SATELLITE (Earth-to-space) MARITIME MOBILE-SATELLITE (Earth-to-space) | | Satellite Communications (25) Maritime (80) |

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| | 1645.5-1646.5 MOBILE-SATELLITE (Earth-to-space) | |
| | S5.341 S5.375 | |
| | 1646.5-1651 AERONAUTICAL MOBILE-SATELLITE (R) (Earth-to-space) Mobile-satellite (Earth-to-space) | Aviation (87) |
| | S5.341 S5.351 US308 US309 | |
| | 1651-1660 MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL MOBILE-SATELLITE (R) (Earth-to-space) | |
| S5.341 S5.351 S5.353A S5.354 S5.355 S5.357A S5.359 S5.362A S5.374 S5.375 S5.376 | S5.341 S5.351 US308 US309 | |
| 1660-1660.5 MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY | 1660-1660.5 AERONAUTICAL MOBILE-SATELLITE (R) (Earth-to-space) RADIO ASTRONOMY | |
| S5.149 S5.341 S5.351 S5.354 S5.362A S5.376A | S5.149 S5.341 S5.351 US308 US309 | |
| 1660.5-1668.4 RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile | 1660.5-1668.4 RADIO ASTRONOMY US74 SPACE RESEARCH (passive) | |
| S5.149 S5.341 S5.379 S5.379A | S5.341 US246 | |
| 1668.4-1670 METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY | 1668.4-1670 METEOROLOGICAL AIDS (radiosonde) RADIO ASTRONOMY US74 | |
| S5.149 S5.341 | S5.149 S5.341 US99 | |

1670-2110 MHz (UHF)

| International Table | | | United States Table | | Remarks |
|---|---|---|--|--|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 1670-1675 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE S5.380 S5.341 | | | 1670-1675 METEOROLOGICAL AIDS (radiosonde) METEOROLOGICAL-SATELLITE (space-to-Earth) S5.341 US211 | | Note: 1670-1675 MHz became mixed-use spectrum in January 1999 |
| 1675-1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.341 | 1675-1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) S5.341 S5.377 | 1675-1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.341 | 1675-1700 METEOROLOGICAL AIDS (radiosonde) METEOROLOGICAL-SATELLITE (space-to-Earth) | | |
| 1690-1700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) Fixed Mobile except aeronautical mobile S5.289 S5.341 S5.382 | 1690-1700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (Earth-to-space) S5.289 S5.341 S5.377 S5.381 | 1690-1700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) S5.289 S5.341 S5.381 | S5.289 S5.341 US211 | | |
| 1700-1710 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.289 S5.341 | 1700-1710 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) S5.289 S5.341 S5.377 | 1700-1710 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile S5.289 S5.341 S5.384 | 1700-1710 FIXED G118 METEOROLOGICAL-SATELLITE (space-to-Earth) S5.289 S5.341 | 1700-1710 METEOROLOGICAL-SATELLITE (space-to-Earth) Fixed S5.289 S5.341 | |
| 1710-1930 FIXED MOBILE S5.380 | | | 1710-1755 FIXED MOBILE S5.341 US256 | 1710-1755 S5.341 US256 | Note: Proceeds from the auction of the 1710-1755 MHz mixed-use band are to be deposited not later than September 30, 2002. |

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| | | | 1755-1850 FIXED MOBILE G42 | 1755-1850 | |
| S5.149 S5.341 S5.385 S5.386 S5.387 S5.388 | | | 1850-1990 | 1850-1990 FIXED MOBILE | RF Devices (15) Personal Communications (24) Fixed Microwave (101) |
| 1930-1970 FIXED MOBILE S5.388 | 1930-1970 FIXED MOBILE Mobile-satellite (Earth-to-space) S5.388 | 1930-1970 FIXED MOBILE S5.388 | | | |
| 1970-1980 FIXED MOBILE S5.388 | | | | | |
| 1980-2010 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.388 S5.389A S5.389B S5.389F | | | 1990-2025 | 1990-2025 MOBILE-SATELLITE (Earth-to-space) | Satellite Communications (25) |
| 2010-2025 FIXED MOBILE S5.388 | 2010-2025 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.388 S5.389C S5.389D S5.389E S5.390 | 2010-2025 FIXED MOBILE S5.388 | | NG156 | |
| 2025-2110 SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE S5.391 SPACE RESEARCH (Earth-to-space) (space-to-space) S5.392 | | | 2025-2110 SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION- SATELLITE (Earth-to- space) (space-to-space) SPACE RESEARCH (Earth- to-space) (space-to-space) S5.391 S5.392 US90 US222 US346 US347 | 2025-2110 FIXED NG23 NG118 MOBILE S5.391 S5.392 US90 US222 US346 US347 | TV Auxiliary Broadcasting (74F) Cable TV Relay (78) Local TV Transmission (101J) |

2110-2345 MHz (UHF)

| International Table | | | United States Table | | Remarks |
|---|--|--|---|---|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 2110-2120 FIXED MOBILE SPACE RESEARCH (deep space) (Earth-to-space) S5.388 | | | 2110-2120 US252 | 2110-2150 FIXED NG23 MOBILE US252 NG153 | Public Mobile (22) Fixed Microwave (101) Note: 2110-2150 MHz must be auctioned by September 30, 2002. |
| 2120-2160 FIXED MOBILE S5.388 | 2120-2160 FIXED MOBILE Mobile-satellite (space-to-Earth) S5.388 | 2120-2160 FIXED MOBILE S5.388 | 2120-2200 US252 NG153 | | |
| 2160-2170 FIXED MOBILE S5.388 S5.392A | 2160-2170 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) S5.388 S5.389C S5.389D S5.389E S5.390 | 2160-2170 FIXED MOBILE S5.388 | 2150-2160 FIXED NG23 NG153 | 2160-2165 FIXED NG23 MOBILE NG153 | Domestic Public Fixed (21) Fixed Microwave (101) Domestic Public Fixed (21) Public Mobile (22) Fixed Microwave (101) |
| 2170-2200 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) S5.388 S5.389A S5.389F S5.392A | | | | 2165-2200 MOBILE-SATELLITE (space-to-Earth) NG23 NG168 | Satellite Communications (25) |
| 2200-2290 SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE S5.391 SPACE RESEARCH (space-to-Earth) (space-to-space) | | | 2200-2290 SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION- SATELLITE (space-to- Earth) (space-to-space) FIXED (line-of-sight only) | 2200-2290 | |

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|---|--|---|---|---|---|
| S5.392 | | MOBILE (line-of-sight only including aeronautical telemetry, but excluding flight testing of manned aircraft) SPACE RESEARCH (space-to-Earth) (space-to-space) | S5.392 US303 | US303 | |
| 2290-2300 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth) | | 2290-2300 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth) | 2290-2300 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth) | 2290-2300 SPACE RESEARCH (deep space) (space-to-Earth) | |
| 2300-2450 FIXED MOBILE Amateur Radiolocation | 2300-2450 FIXED MOBILE RADIOLOCATION Amateur | 2300-2305 G123 | 2300-2305 Amateur | 2300-2305 Amateur | Amateur (97) Note: 2300-2305 MHz became non-Federal Government exclusive spectrum in August 1995 |
| | | 2305-2310 US338 G123 | 2305-2310 FIXED MOBILE except aeronautical mobile RADIOLOCATION Amateur | 2305-2310 FIXED MOBILE except aeronautical mobile RADIOLOCATION Amateur US338 | Wireless Communications (27) Amateur (97) |
| | | 2310-2360 Fixed Mobile US339 Radiolocation G2 | 2310-2320 FIXED MOBILE US339 RADIOLOCATION BROADCASTING-SATELLITE US327 S5.396 US338 | 2310-2320 FIXED MOBILE US339 RADIOLOCATION BROADCASTING-SATELLITE US327 S5.396 US338 | Wireless Communications (27) |
| | | | 2320-2345 BROADCASTING-SATELLITE US327 Mobile US276 US328 S5.396 | 2320-2345 BROADCASTING-SATELLITE US327 Mobile US276 US328 S5.396 | |
| | | S5.150 S5.282 S5.395 | S5.150 S5.282 S5.393 S5.394 S5.396 | S5.396 US327 US328 G120 See next page | See next page for 2345-2450 MHz |

2345-2655 MHz (UHF)

| International Table | | | United States Table | | Remarks | | |
|-------------------------------------|----------|----------|--|---|--|--|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | | | |
| See previous page for 2300-2450 MHz | | | See previous page for 2310-2360 MHz | 2345-2360 FIXED MOBILE US339 RADIOLOCATION BROADCASTING- SATELLITE US327 S5.396 | Wireless Communications (27) | | |
| | | | 2360-2385 MOBILE US276 RADIOLOCATION G2 Fixed G120 | 2360-2385 MOBILE US276 | | | |
| | | | 2385-2390 MOBILE US276 RADIOLOCATION G2 Fixed G120 | 2385-2390 MOBILE US276 | Note: 2385-2390 MHz will become non-Federal Government exclusive spectrum in January 2005 | | |
| | | | 2390-2400 G122 | 2390-2400 AMATEUR | RF Devices (15) Amateur (97) | | |
| | | | 2400-2402 S5.150 G123 | 2400-2402 Amateur S5.150 S5.282 | ISM Equipment (18) Amateur (97) | | |
| | | | 2402-2417 S5.150 G122 | 2402-2417 AMATEUR S5.150 S5.282 | RF Devices (15) ISM Equipment (18) Amateur (97) | | |
| | | | 2417-2450 Radiolocation G2 S5.150 G124 | 2417-2450 Amateur S5.150 S5.282 | ISM Equipment (18) Amateur (97) | | |
| | | | 2450-2483.5 FIXED MOBILE Radiolocation S5.150 S5.397 | 2450-2483.5 FIXED MOBILE RADIOLOCATION S5.150 S5.394 | 2450-2483.5 FIXED MOBILE Radiolocation S5.150 US41 | 2450-2483.5 FIXED MOBILE Radiolocation S5.150 US41 | ISM Equipment (18) Private Land Mobile (90) Fixed Microwave (101) |

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| <p>2483.5-2500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) Radiolocation</p> <p>S5.150 S5.371 S5.397 S5.398 S5.399 S5.400 S5.402</p> | <p>2483.5-2500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) RADIOLOCATION RADIODETERMINATION- SATELLITE (space-to- Earth) S5.398</p> <p>S5.150 S5.402</p> | <p>2483.5-2500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) RADIOLOCATION Radiodetermination-satellite (space-to-Earth) S5.398</p> <p>S5.150 S5.400 S5.402</p> | <p>2483.5-2500 MOBILE-SATELLITE (space-to-Earth) US319 RADIODETERMINATION- SATELLITE (space-to- Earth) S5.398</p> <p>S5.150 753F US41</p> | <p>2483.5-2500 MOBILE-SATELLITE (space-to-Earth) US319 RADIODETERMINATION- SATELLITE (space-to- Earth) S5.398</p> <p>S5.150 753F US41 NG147</p> | <p>ISM Equipment (18) Satellite Communications (25) Private Land Mobile (90) Fixed Microwave (101)</p> |
| <p>2500-2520 FIXED S5.409 S5.410 S5.411 MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) S5.403</p> <p>S5.405 S5.407 S5.408 S5.412 S5.414</p> | <p>2500-2520 FIXED S5.409 S5.411 FIXED-SATELLITE (space-to-Earth) S5.415 MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) S5.403</p> <p>S5.404 S5.407 S5.414 S5.415A</p> | | <p>2500-2655</p> | <p>2500-2655 FIXED S5.409 S5.411 US205 FIXED-SATELLITE (space-to-Earth) NG102 BROADCASTING- SATELLITE NG101</p> | <p>Domestic Public Fixed (21) Auxiliary Broadcasting (74)</p> |
| <p>2520-2655 FIXED S5.409 S5.410 S5.411 MOBILE except aeronautical mobile BROADCASTING- SATELLITE S5.413 S5.416</p> <p>S5.339 S5.403 S5.405 S5.408 S5.412 S5.417 S5.418</p> | <p>2520-2655 FIXED S5.409 S5.411 FIXED-SATELLITE (space-to-Earth) S5.415 MOBILE except aeronautical mobile BROADCASTING- SATELLITE S5.413 S5.416</p> <p>S5.339 S5.403</p> | <p>2520-2535 FIXED S5.409 S5.411 FIXED-SATELLITE (space-to-Earth) S5.415 MOBILE except aeronautical mobile BROADCASTING- SATELLITE S5.413 S5.416</p> <p>S5.403 S5.415A</p> <p>2535-2655 FIXED S5.409 S5.411 MOBILE except aeronautical mobile BROADCASTING- SATELLITE S5.413 S5.416</p> <p>S5.339 S5.418</p> | <p>S5.339 US205 US269</p> | <p>S5.339 US269</p> | |

2655-3700 MHz (UHF/SHF)

| International Table | | | United States Table | | Remarks |
|---|--|--|---|---|---------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 2655-2670 FIXED S5.409 S5.410 S5.411 MOBILE except aeronautical mobile BROADCASTING-SATELLITE S5.413 S5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive) S5.149 S5.412 S5.417 S5.420 | 2655-2670 FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) S5.415 MOBILE except aeronautical mobile BROADCASTING-SATELLITE S5.413 S5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive) S5.149 S5.420 | 2655-2670 FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) S5.415 MOBILE except aeronautical mobile BROADCASTING-SATELLITE S5.413 S5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive) S5.149 S5.420 | 2655-2690 Earth exploration-satellite (passive) Radio astronomy Space research (passive) | 2655-2690 FIXED US205 NG47 FIXED-SATELLITE (Earth-to-space) NG102 BROADCASTING-SATELLITE NG101 Earth exploration-satellite (passive) Radio astronomy Space research (passive) | |
| 2670-2690 FIXED S5.409 S5.410 S5.411 MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (passive) Radio astronomy Space research (passive) S5.149 S5.419 S5.420 | 2670-2690 FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) S5.415 MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (passive) Radio astronomy Space research (passive) S5.149 S5.419 S5.420 | 2670-2690 FIXED S5.409 S5.411 FIXED-SATELLITE (Earth-to-space) S5.415 MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (passive) Radio astronomy Space research (passive) S5.149 S5.419 S5.420 S5.420A | US205 US269 | US269 | |
| 2690-2700 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 S5.421 S5.422 | | | 2690-2700 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) US246 | | |
| 2700-2900 AERONAUTICAL RADIONAVIGATION S5.337 Radiolocation S5.423 S5.424 | | | 2700-2900 AERONAUTICAL RADIO-NAVIGATION S5.337 METEOROLOGICAL AIDS Radiolocation G2 S5.423 US18 G15 | 2700-2900 S5.423 US18 | |

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|--|---|--|--|---|---|
| 2900-3100 RADIONAVIGATION S5.426 Radiolocation S5.425 S5.427 | | 2900-3100 MARITIME RADIONAVIGATION Radiolocation G56 S5.427 US44 US316 | 2900-3100 MARITIME RADIONAVIGATION Radiolocation S5.5427 US44 US316 | Maritime (80) | |
| 3100-3300 RADIOLOCATION Earth exploration-satellite (active) Space research (active) S5.149 S5.428 | | 3100-3300 RADIOLOCATION S5.333 US110 G59 S5.149 | 3100-3300 Radiolocation S5.333 US110 S5.149 | Private Land Mobile (90) | |
| 3300-3400 RADIOLOCATION S5.149 S5.429 S5.430 | 3300-3400 RADIOLOCATION Amateur Fixed Mobile S5.149 S5.430 | 3300-3400 RADIOLOCATION Amateur S5.149 S5.429 | 3300-3500 RADIOLOCATION US108 G31 S5.149 | 3300-3500 Amateur Radiolocation US108 S5.149 S5.282 | Private Land Mobile (90) Amateur (97) |
| 3400-3600 FIXED FIXED-SATELLITE (space-to-Earth) Mobile Radiolocation S5.431 | 3400-3500 FIXED FIXED-SATELLITE (space-to-Earth) Amateur Mobile Radiolocation S5.433 S5.282 S5.432 | | 3500-3650 RADIOLOCATION US110 G59 AERONAUTICAL RADIONAVIGATION (ground-based) G110 US245 | 3500-3600 Radiolocation US110 3600-3650 FIXED-SATELLITE (space-to-Earth) US245 Radiolocation US110 | |
| | 3500-3700 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation S5.433 S5.435 | | 3650-3700 RADIOLOCATION US110 G59 AERONAUTICAL RADIONAVIGATION (ground-based) G110 US245 US348 US349 | 3650-3700 FIXED-SATELLITE (space-to-Earth) US245 Radiolocation US110 US245 US348 US349 | Note: 3650-3700 MHz became mixed-use spectrum in January 1999 |
| 3600-4200 FIXED FIXED-SATELLITE (space-to-Earth) Mobile | See next page for 3700-4200 MHz | | See next page for 3700-4200 MHz | | |

3700-5650 MHz (SHF)

| International Table | | | United States Table | | Remarks |
|--|---|----------|--|--|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| See previous page for 3600-4200 MHz | 3700-4200 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile | | 3700-4200 | 3700-4200 FIXED NG41 FIXED-SATELLITE (space-to-Earth) | International Fixed (23) Satellite Communications (25) Fixed Microwave (101) |
| 4200-4400 AERONAUTICAL RADIONAVIGATION S5.438 S5.437 S5.439 S5.440 | | | 4200-4400 AERONAUTICAL RADIONAVIGATION S5.440 US261 | | Aviation (87) |
| 4400-4500 FIXED MOBILE | | | 4400-4500 FIXED MOBILE | 4400-4500 | |
| 4500-4800 FIXED FIXED-SATELLITE (space-to-Earth) S5.441 MOBILE | | | 4500-4800 FIXED MOBILE US245 | 4500-4800 FIXED-SATELLITE (space-to-Earth) 792A US245 | |
| 4800-4990 FIXED MOBILE S5.442 Radio astronomy | | | 4800-4940 FIXED MOBILE S5.149 US203 | 4800-4940 S5.149 US203 | |
| S5.149 S5.339 S5.443 | | | 4940-4990 FIXED MOBILE S5.149 S5.339 US257 | 4940-4990 S5.149 S5.339 US257 | Note: 4940-4990 MHz became non-Federal Government exclusive spectrum in March 1999 |
| 4990-5000 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive) S5.149 | | | 4990-5000 RADIO ASTRONOMY US74 Space research (passive) US246 | | |
| 5000-5150 AERONAUTICAL RADIONAVIGATION S5.367 S5.444 S5.444A | | | 5000-5250 AERONAUTICAL RADIONAVIGATION US260 | | Satellite Communications (25) Aviation (87) |

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| <p>5150-5250 AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) S5.447A</p> <p>S5.446 S5.447 S5.447B S5.447C</p> | | | <p>Note: Footnote G126 states that DGPS stations may be authorized on a primary basis in this band, but the FCC has not yet addressed this footnote.</p> |
| <p>5250-5255 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH S5.447D</p> <p>S5.448 S5.448A</p> | <p>5250-5350 RADIOLOCATION S5.333 US110 G59</p> | <p>5250-5350 Radiolocation S5.333 US110</p> | |
| <p>5255-5350 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) S5.448 S5.448A</p> | <p>5350-5460 AERONAUTICAL RADIO- NAVIGATION S5.449 RADIOLOCATION G56</p> <p>US48</p> | <p>5350-5460 AERONAUTICAL RADIO- NAVIGATION S5.449 Radiolocation</p> <p>US48</p> | <p>Aviation (87)</p> |
| <p>5460-5470 RADIONAVIGATION S5.449 Radiolocation</p> | <p>5460-5470 RADIONAVIGATION S5.449 Radiolocation G56</p> <p>US49 US65</p> | <p>5460-5470 RADIONAVIGATION S5.449 Radiolocation</p> <p>US49 US65</p> | |
| <p>5470-5650 MARITIME RADIONAVIGATION Radiolocation</p> <p>S5.450 S5.451 S5.452</p> | <p>5470-5600 MARITIME RADIONAVIGATION Radiolocation G56</p> <p>US50 US65</p> | <p>5470-5600 MARITIME RADIONAVIGATION Radiolocation</p> <p>US50 US65</p> | <p>Maritime (80)</p> |
| | <p>5600-5650 MARITIME RADIONAVIGATION METEOROLOGICAL AIDS Radiolocation US51 G56</p> <p>S5.452 US65</p> | <p>5600-5650 MARITIME RADIONAVIGATION METEOROLOGICAL AIDS Radiolocation US51</p> <p>S5.452 US65</p> | |

5650-7250 MHz (SHF)

| International Table | | | United States Table | | Remarks |
|--|---|--|---|---|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 5650-5725 RADIOLOCATION Amateur Space research (deep space) S5.282 S5.451 S5.453 S5.454 S5.455 | | | 5650-5925 RADIOLOCATION G2 | | 5650-5830 Amateur ISM Equipment (18) Amateur (97) |
| 5725-5830 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur S5.150 S5.451 S5.453 S5.455 S5.456 | 5725-5830 RADIOLOCATION Amateur S5.150 S5.453 S5.455 | | | | |
| 5830-5850 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) S5.150 S5.451 S5.453 S5.455 S5.456 | 5830-5850 RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) S5.150 S5.453 S5.455 | | 5830-5850 Amateur Amateur-satellite (space-to-Earth) S5.150 | | |
| 5850-5925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE S5.150 | 5850-5925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Amateur Radiolocation S5.150 | 5850-5925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Radiolocation S5.150 | 5850-5925 FIXED-SATELLITE (Earth-to-space) US245 MOBILE NG160 Amateur S5.150 US245 | | ISM Equipment (18) Private Land Mobile (90) Amateur (97) |
| 5925-6700 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE | | | 5925-6425 | 5925-6425 FIXED NG41 FIXED-SATELLITE (Earth-to-space) | International Fixed (23) Satellite Communications (25) Fixed Microwave (101) |
| | | | 6425-6525 S5.440 S5.458 | 6425-6525 FIXED-SATELLITE (Earth-to-space) MOBILE S5.440 S5.458 | Auxiliary Broadcasting (74) Cable TV Relay (78) Fixed Microwave (101) |

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| S5.149 S5.440 S5.458 | 6525-6875 | 6525-6875 FIXED FIXED-SATELLITE (Earth-to-space) 792A | Satellite Communications (25) Fixed Microwave (101) |
| 6700-7075 FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) S5.441 MOBILE | S5.458 | S5.458 | |
| S5.458 S5.458A S5.458B S5.458C | 6875-7125 | 6875-7075 FIXED FIXED-SATELLITE (Earth-to-space) 792A MOBILE S5.458 NG118 | Auxiliary Broadcasting (74) Cable TV Relay (78) |
| 7075-7250 FIXED MOBILE | S5.458 | 7075-7125 FIXED MOBILE S5.458 NG118 | |
| | 7125-7190 FIXED | 7125-7190 | |
| | S5.458 US252 G116 | S5.458 US252 | |
| | 7190-7235 FIXED SPACE RESEARCH (Earth-to-space) | 7190-7250 | |
| | S5.458 | | |
| | 7235-7250 FIXED | | |
| S5.458 S5.459 S5.460 | S5.458 | S5.458 | |

7250-8215 MHz (SHF)

| International Table | | | United States Table | | Remarks |
|--|----------|----------|---|------------------------|---------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 7250-7300 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE | | | 7250-7300 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Fixed | 7250-8025 | |
| S5.461 | | | G117 | | |
| 7300-7450 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile | | | 7300-7450 FIXED FIXED-SATELLITE (space-to-Earth) Mobile-satellite (space-to-Earth) | | |
| S5.461 | | | G117 | | |
| 7450-7550 FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile | | | 7450-7550 FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SAT- ELLITE (space-to-Earth) Mobile-satellite (space-to-Earth) | | |
| S5.461A | | | G104 G117 | | |
| 7550-7750 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile | | | 7550-7750 FIXED FIXED-SATELLITE (space-to-Earth) Mobile-satellite (space-to-Earth) | | |
| | | | G117 | | |
| 7750-7850 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) S5.461B MOBILE except aeronautical mobile | | | 7750-7900 FIXED | | |
| 7850-7900 FIXED MOBILE except aeronautical mobile | | | | | |

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| <p>7900-8025 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE</p> <p>S5.461</p> | <p>7900-8025 FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Fixed</p> <p>G117</p> | | |
| <p>8025-8175 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE S5.463</p> <p>S5.462A</p> | <p>8025-8175 EARTH EXPLORATION- SATELLITE (space-to- Earth) FIXED FIXED-SATELLITE (Earth-to-space) Mobile-satellite (Earth-to- space) (no airborne transmissions)</p> <p>US258 G117</p> | <p>8025-8175</p> <p>US258</p> | |
| <p>8175-8215 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE S5.463</p> <p>S5.462A</p> | <p>8175-8215 EARTH EXPLORATION- SATELLITE (space-to- Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SAT- ELLITE (Earth-to-space) Mobile-satellite (Earth-to- space) (no airborne transmissions)</p> <p>US258 G104 G117</p> | <p>8175-8215</p> | |

8215-10000 MHz (SHF)

| International Table | | | United States Table | | Remarks |
|--|----------|----------|---|--|---------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 8215-8400 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE S5.463 S5.462A | | | 8215-8400 EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) Mobile-satellite (Earth-to-space) (no airborne transmissions) US258 G117 | 8215-8400 US258 | |
| 8400-8500 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) S5.465 S5.466 S5.467 | | | 8400-8450 FIXED SPACE RESEARCH (space-to-Earth) (deep space only) | 8400-88450 | |
| 8500-8550 RADIOLOCATION S5.468 S5.469 | | | 8450-8500 FIXED SPACE RESEARCH (space-to-Earth) | 8450-8500 SPACE RESEARCH (space-to-Earth) | |
| 8550-8650 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) S5.468 S5.469 S5.469A | | | 8500-9000 RADIOLOCATION S5.333 US110 G59 | 8500-9000 Radiolocation S5.333 US110 | |
| 8650-8750 RADIOLOCATION S5.468 S5.469 | | | | | |
| 8750-8850 RADIOLOCATION AERONAUTICAL RADIONAVIGATION S5.470 S5.471 | | | | | |

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| 8850-9000 RADIOLOCATION MARITIME RADIONAVIGATION S5.472 S5.473 | US53 | US53 | |
| 9000-9200 AERONAUTICAL RADIONAVIGATION S5.337 Radiolocation S5.471 | 9000-9200 AERONAUTICAL RADIO- NAVIGATION S5.337 Radiolocation G2 US48 US54 G19 | 9000-9200 AERONAUTICAL RADIO- NAVIGATION S5.337 Radiolocation US48 US54 | Aviation (87) |
| 9200-9300 RADIOLOCATION MARITIME RADIONAVIGATION S5.472 S5.473 S5.474 | 9200-9300 MARITIME RADIO- NAVIGATION S5.472 Radiolocation US110 G59 S5.474 | 9200-9300 MARITIME RADIO- NAVIGATION S5.472 Radiolocation US110 S5.474 | |
| 9300-9500 RADIONAVIGATION S5.476 Radiolocation S5.427 S5.474 S5.475 | 9300-9500 RADIONAVIGATION S5.476 US66 Radiolocation US51 G56 Meteorological aids S5.427 S5.474 US67 US71 | 9300-9500 RADIONAVIGATION S5.476 US66 Radiolocation US51 Meteorological aids S5.427 S5.474 US67 US71 | |
| 9500-9800 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active) S5.476A | 9500-10000 RADIOLOCATION S5.333 US110 | 9500-10000 Radiolocation S5.333 US110 | |
| 9800-10000 RADIOLOCATION Fixed S5.477 S5.478 S5.479 | S5.479 | S5.479 | |

10-12.7 GHz (SHF)

| International Table | | | United States Table | | Remarks |
|--|--|---|--|---|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 10-10.45 FIXED MOBILE RADIOLOCATION Amateur S5.479 | 10-10.45 RADIOLOCATION Amateur S5.479 S5.480 | 10-10.45 FIXED MOBILE RADIOLOCATION Amateur S5.479 | 10-10.45 RADIOLOCATION S5.479 US58 US108 G32 | 10-10.45 Radiolocation Amateur S5.479 US58 US108 NG42 | Private Land Mobile (90) Amateur (97) |
| 10.45-10.5 RADIOLOCATION Amateur Amateur-satellite S5.481 | | | 10.45-10.5 RADIOLOCATION US58 US108 G32 | 10.45-10.5 Radiolocation Amateur Amateur-satellite US58 US108 NG42 NG134 | |
| 10.5-10.55 FIXED MOBILE Radiolocation | 10.5-10.55 FIXED MOBILE RADIOLOCATION | | 10.5-10.55 RADIOLOCATION US59 | | Private Land Mobile (90) |
| 10.55-10.6 FIXED MOBILE except aeronautical mobile Radiolocation | | | 10.55-10.6 | 10.55-10.6 FIXED | Fixed Microwave (101) |
| 10.6-10.68 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation S5.149 S5.482 | | | 10.6-10.68 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) US265 US277 | 10.6-10.68 EARTH EXPLORATION-SATELLITE (passive) FIXED SPACE RESEARCH (passive) US265 US277 | |
| 10.68-10.7 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 S5.483 | | | 10.68-10.7 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) US246 | | |
| 10.7-11.7 FIXED FIXED-SATELLITE (space-to-Earth) S5.441 S5.484A (Earth-to-space) S5.484 MOBILE except aeronautical mobile | 10.7-11.7 FIXED FIXED-SATELLITE (space-to-Earth) S5.441 S5.484A MOBILE except aeronautical mobile | | 10.7-11.7 US211 | 10.7-11.7 FIXED NG41 FIXED-SATELLITE (space-to-Earth) S5.441 US211 NG104 | International Fixed (23) Satellite Communications (25) Fixed Microwave (101) |

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| 11.7-12.5 FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING- SATELLITE | 11.7-12.1 FIXED S5.486 FIXED-SATELLITE (space-to-Earth) S5.484A Mobile except aeronautical mobile S5.485 S5.488 | 11.7-12.2 FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING- SATELLITE | 11.7-12.1 | 11.7-12.2 FIXED-SATELLITE (space- to-Earth) NG143 NG145 Mobile except aeronautical mobile | Satellite Communications (25) Fixed Microwave (101) |
| | 12.1-12.2 FIXED-SATELLITE (space-to-Earth) S5.484A S5.485 S5.488 S5.489 | | S5.486 | | |
| | S5.487 S5.487A S5.492 | 12.2-12.7 FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING- SATELLITE | 12.2-12.5 FIXED MOBILE except aeronautical mobile BROADCASTING S5.484A S5.487 S5.491 | 12.2-12.7 | 12.2-12.7 FIXED BROADCASTING- SATELLITE |
| 12.5-12.75 FIXED-SATELLITE (space-to-Earth) S5.484A (Earth-to-space) | S5.487A S5.488 S5.490 S5.492 See next page for 12.7-12.75 GHz | 12.5-12.75 FIXED FIXED-SATELLITE (space-to-Earth) S5.484A MOBILE except aeronautical mobile BROADCASTING- SATELLITE S5.493 | S5.490 | S5.488 S5.490 | See next page for 12.7-12.75 GHz |
| S5.494 S5.495 S5.496 | | See next page for 12.7-12.75 GHz | See next page for 12.7-12.75 GHz | See next page for 12.7-12.75 GHz | |

| 12.7-14.5 GHz (SHF) | | | | | |
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| International Table | | | United States Table | | Remarks |
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| See previous page for 12.5-12.75 GHz | 12.7-12.75 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile | See previous page for 12.5-12.75 GHz | 12.7-12.75 | 12.7-12.75 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE NG53 NG118 | Auxiliary Broadcasting (74) Cable TV Relay (78) Fixed Microwave (101) |
| 12.75-13.25 FIXED FIXED-SATELLITE (Earth-to-space) S5.441 MOBILE Space research (deep space) (space-to-Earth) | | | 12.75-13.25 US251 | 12.75-13.25 FIXED FIXED-SATELLITE (Earth- to-space) S5.441 NG104 MOBILE US251 NG53 NG118 | |
| 13.25-13.4 EARTH EXPLORATION-SATELLITE (active) AERONAUTICAL RADIONAVIGATION S5.497 SPACE RESEARCH (active) S5.498A S5.499 | | | 13.25-13.4 AERONAUTICAL RADIONAVIGATION S5.497 Space research (Earth-to-space) | | Aviation (87) |
| 13.4-13.75 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH S5.501A Standard frequency and time signal-satellite (Earth-to-space) S5.499 S5.500 S5.501 S5.501B | | | 13.4-13.75 RADIOLOCATION S5.333 US110 G59 Space research Standard frequency and time signal-satellite (Earth-to-space) | 13.4-13.75 Radiolocation S5.333 US110 Space research Standard frequency and time signal-satellite (Earth-to-space) | Private Land Mobile (90) |
| 13.75-14 FIXED-SATELLITE (Earth-to-space) S5.484A RADIOLOCATION Standard frequency and time signal-satellite (Earth-to-space) Space research S5.499 S5.500 S5.501 S5.502 S5.503 S5.503A | | | 13.75-14 RADIOLOCATION US110 G59 Standard frequency and time signal-satellite (Earth-to-space) Space research US337 S5.502 S5.503 S5.503A | 13.75-14 FIXED-SATELLITE (Earth-to-space) US337 Radiolocation US110 Standard frequency and time signal-satellite (Earth-to-space) Space research S5.502 S5.503 S5.503A | Satellite Communications (25) Private Land Mobile (90) |

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| 14-14.25 FIXED-SATELLITE (Earth-to-space) S5.484A S5.506 RADIONAVIGATION S5.504 Mobile-satellite (Earth-to-space) except aeronautical mobile-satellite Space research S5.505 | | | 14-14.2 RADIONAVIGATION US292 Space research | 14-14.2 FIXED-SATELLITE (Earth-to-space) RADIONAVIGATION US292 Land mobile-satellite (Earth-to-space) Space research | Satellite Communications (25) Maritime (80) Aviation (87) |
| 14.25-14.3 FIXED-SATELLITE (Earth-to-space) S5.484A S5.506 RADIONAVIGATION S5.504 Mobile-satellite (Earth-to-space) except aeronautical mobile-satellite Space research S5.505 S5.508 S5.509 | | | 14.2-14.4 | 14.2-14.4 FIXED-SATELLITE (Earth-to-space) Land mobile-satellite (Earth-to-space) Mobile except aeronautical mobile | Satellite Communications (25) Fixed Microwave (101) |
| 14.3-14.4 FIXED FIXED-SATELLITE (Earth- to- space) S5.484A S5.506 MOBILE except aeronautical mobile Mobile-satellite (Earth- to-space) except aeronautical mobile-satellite Radionavigation-satellite | 14.3-14.4 FIXED-SATELLITE (Earth- to-space) S5.484A S5.506 Mobile-satellite (Earth- to-space) except aeronautical mobile-satellite Radionavigation-satellite | 14.3-14.4 FIXED FIXED-SATELLITE (Earth- to-space) S5.484A S5.506 MOBILE except aeronautical mobile Mobile-satellite (Earth- to-space) except aeronautical mobile-satellite Radionavigation-satellite | | | |
| 14.4-14.47 FIXED FIXED-SATELLITE (Earth-to-space) S5.484A S5.506 MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) except aeronautical mobile-satellite Space research (space-to-Earth) | | | 14.4-14.47 Fixed Mobile | 14.4-14.47 FIXED-SATELLITE (Earth-to-space) Land mobile-satellite (Earth-to-space) | Satellite Communications (25) |
| 14.47-14.5 FIXED FIXED-SATELLITE (Earth-to-space) S5.484A S5.506 MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) except aeronautical mobile-satellite Radio astronomy S5.149 | | | 14.47-14.5 Fixed Mobile S5.149 US203 | 14.47-14.5 FIXED-SATELLITE (Earth-to-space) Land mobile-satellite (Earth-to-space) S5.149 US203 | |

| 14.5-18.3 GHz (SHF) | | | | | |
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| International Table | | | United States Table | | Remarks |
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 14.5-14.8 FIXED FIXED-SATELLITE (Earth-to-space) S5.510 MOBILE Space research | | | 14.5-14.7145 FIXED Mobile Space research | 14.5-15.1365 | |
| | | | 14.7145-15.1365 MOBILE Fixed Space research | 14.7145-15.1365 | |
| 14.8-15.35 FIXED MOBILE Space research | | | US310 | US310 | |
| S5.339 | | | 15.1365-15.35 FIXED Mobile Space research S5.339 US211 | 15.1365-15.35 S5.339 US211 | |
| 15.35-15.4 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 S5.511 | | | 15.35-15.4 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) US246 | | |
| 15.4-15.43 AERONAUTICAL RADIONAVIGATION S5.511D | | | 15.4-15.7 AERONAUTICAL RADIONAVIGATION US260 | | Aviation (87) |
| 15.43-15.63 FIXED SATELLITE (space-to-Earth) (Earth-to-space) S5.511A AERONAUTICAL RADIONAVIGATION S5.511C | | | | | |
| 15.63-15.7 AERONAUTICAL RADIONAVIGATION S5.511D | | | 733 797 US211 | | |
| 15.7-16.6 RADIOLOCATION S5.512 S5.513 | | | 15.7-16.6 RADIOLOCATION US110 G59 | 15.7-17.2 Radiolocation US110 | Private Land Mobile (90) |

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| 16.6-17.1 RADIOLOCATION Space research (deep space) (Earth-to-space) S5.512 S5.513 | | | 16.6-17.1 RADIOLOCATION US110 G59 Space research (deep space) (Earth-to-space) | | |
| 17.1-17.2 RADIOLOCATION S5.512 S5.513 | | | 17.1-17.2 RADIOLOCATION US110 G59 | | |
| 17.2-17.3 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) S5.512 S5.513 S5.513A | | | 17.2-17.3 RADIOLOCATION US110 G59 Earth exploration-satellite (active) Space research (active) | 17.2-17.3 Radiolocation US110 Earth exploration-satellite (active) Space research (active) | |
| 17.3-17.7 FIXED-SATELLITE (Earth-to-space) S5.516 Radiolocation S5.514 | 17.3-17.7 FIXED-SATELLITE (Earth-to-space) S5.516 BROADCASTING- SATELLITE Radiolocation S5.514 S5.515 S5.517 | 17.3-17.7 FIXED-SATELLITE (Earth-to-space) S5.516 Radiolocation S5.514 | 17.3-17.7 Radiolocation US259 G59 | 17.3-17.7 FIXED-SATELLITE (Earth-to-space) US271 BROADCASTING- SATELLITE NG163 US259 | Satellite Communications (25) Direct Broadcast Satellite (100) |
| 17.7-18.1 FIXED FIXED-SATELLITE (space-to-Earth) S5.484A (Earth-to-space) S5.516 MOBILE | 17.7-17.8 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) S5.516 BROADCASTING- SATELLITE Mobile S5.518 S5.515 S5.517 | 17.7-18.1 FIXED FIXED-SATELLITE (space-to-Earth) S5.484A (Earth-to-space) S5.516 MOBILE | 17.7-17.8 | 17.7-17.8 FIXED FIXED-SATELLITE (Earth-to-space) US271 NG144 | Satellite Communications (25) Auxiliary Broadcasting (74) Cable TV Relay (78) Fixed Microwave (101) |
| | 17.8-18.1 FIXED FIXED-SATELLITE (space-to-Earth) S5.484A (Earth-to-space) S5.516 MOBILE | | 17.8-18.3 FIXED-SATELLITE (space-to-Earth) G117 | 17.8-18.3 FIXED | |
| 18.1-18.4 FIXED FIXED-SATELLITE (space-to-Earth) S5.484A (Earth-to-space) S5.520 MOBILE S5.519 S5.521 | | | S5.519 US334 See next page for 18.3-18.6 GHz | S5.519 US334 NG144 See next page for 18.3-18.58 GHz | See next page for 18.3-18.58 GHz |

| 18.3-22.5 GHz (SHF) | | | | | |
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| International Table | | | United States Table | | Remarks |
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| See previous page for 18.1-18.4 GHz | | | 18.3-18.6 FIXED-SATELLITE (space-to-Earth) G117 | 18.3-18.58 FIXED FIXED-SATELLITE (space- to-Earth) NG164 | Satellite Communications (25) Auxiliary Broadcast. (74) Cable TV Relay (78) Fixed Microwave (101) |
| 18.4-18.6 FIXED FIXED-SATELLITE (space-to-Earth) S5.484A MOBILE | | | | US334 NG144 | |
| | | | US334 | 18.58-18.6 FIXED-SATELLITE (space- to-Earth) NG164 | Satellite Communications (25) |
| | | | | US334 NG144 | |
| 18.6-18.8 FIXED FIXED-SATELLITE (space-to-Earth) S5.523 MOBILE except aeronautical mobile Earth exploration-satellite (passive) Space research (passive) | 18.6-18.8 EARTH EXPLORATION- SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) S5.523 MOBILE except aeronautical mobile SPACE RESEARCH (passive) | 18.6-18.8 FIXED FIXED-SATELLITE (space-to-Earth) S5.523 MOBILE except aeronautical mobile Space research (passive) | 18.6-18.8 EARTH EXPLORATION- SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) US255 G117 SPACE RESEARCH (passive) | 18.6-18.8 EARTH EXPLORATION- SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) US255 NG164 SPACE RESEARCH (passive) | |
| S5.522 | S5.222 | S5.522 | US254 US334 | US254 US334 NG144 | |
| 18.8-19.3 FIXED FIXED-SATELLITE (space-to-Earth) S5.523A MOBILE | | | 18.8-20.2 FIXED-SATELLITE (space-to-Earth) G117 | 18.8-19.3 FIXED-SATELLITE (space-to-Earth) NG165 | |
| | | | | US334 NG144 | |
| 19.3-19.7 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-space) S5.523B S5.523C S5.523D S5.523E MOBILE | | | | 19.3-19.7 FIXED FIXED-SATELLITE (space- to-Earth) NG166 | Satellite Communications (25) Auxiliary Broadcast (74) Cable TV Relay (78) Fixed Microwave (101) |
| | | | | US334 NG144 | |
| 19.7-20.1 FIXED-SATELLITE (space-to-Earth) S5.484A Mobile-satellite (space-to-Earth) | 19.7-20.1 FIXED-SATELLITE (space-to-Earth) S5.484A MOBILE-SATELLITE (space-to-Earth) | 19.7-20.1 FIXED-SATELLITE (space-to-Earth) S5.484A Mobile-satellite (space-to-Earth) | | 19.7-20.1 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) | Satellite Communications (25) |
| S5.524 | S5.524 S5.525 S5.526 S5.527 S5.528 S5.529 | S5.524 | | S5.525 S5.526 S5.527 S5.528 S5.529 US334 | |

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| 20.1-20.2 FIXED-SATELLITE (space-to-Earth) S5.484A MOBILE-SATELLITE (space-to-Earth) S5.524 S5.525 S5.526 S5.527 S5.528 | | | 20.1-20.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.525 S5.526 S5.527 S5.528 US334 | |
| 20.2-21.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Standard frequency and time signal-satellite (space-to-Earth) S5.524 | | | 20.2-21.2 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Standard frequency and time signal-satellite (space-to-Earth) G117 | |
| 21.2-21.4 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) | | | 21.2-21.4 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) US263 | Fixed Microwave (101) |
| 21.4-22 FIXED MOBILE BROADCASTING- SATELLITE S5.530 | 21.4-22 FIXED MOBILE | 21.4-22 FIXED MOBILE BROADCASTING- SATELLITE S5.530 S5.531 | 21.4-22 FIXED MOBILE | |
| 22-22.21 FIXED MOBILE except aeronautical mobile S5.149 | | | 22-22.21 FIXED MOBILE except aeronautical mobile S5.149 | |
| 22.21-22.5 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) S5.149 S5.532 | | | 22.21-22.5 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) S5.149 US263 | |

22.5-27.5 GHz (SHF)

| International Table | | | United States Table | | Remarks |
|---|---|--|---|---|--|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 22.5-22.55 FIXED MOBILE | | | 22.5-22.55 FIXED MOBILE US211 | | Fixed Microwave (101) |
| 22.55-23.55 FIXED INTER-SATELLITE MOBILE S5.149 | | | 22.55-23.55 FIXED INTER-SATELLITE MOBILE S5.149 US278 | | Satellite Communications (25) Fixed Microwave (101) |
| 23.55-23.6 FIXED MOBILE | | | 23.55-23.6 FIXED MOBILE | | Fixed Microwave (101) |
| 23.6-24 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 | | | 23.6-24 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) US246 | | |
| 24-24.05 AMATEUR AMATEUR-SATELLITE S5.150 | | | 24-24.05 S5.150 US211 | 24-24.05 AMATEUR AMATEUR-SATELLITE S5.150 US211 | ISM Equipment (18) Amateur (97) |
| 24.05-24.25 RADIOLOCATION Amateur Earth exploration-satellite (active) S5.150 | | | 24.05-24.25 RADIOLOCATION US110 G59 Earth exploration-satellite (active) S5.150 | 24.05-24.25 Radiolocation US110 Amateur Earth exploration-satellite (active) S5.150 | ISM Equipment (18) Private Land Mobile (90) Amateur (97) |
| 24.25-24.45 FIXED | 24.25-24.45 RADIONAVIGATION | 24.25-24.45 RADIONAVIGATION FIXED MOBILE | 24.25-24.45 | 24.25-24.45 FIXED | Fixed Microwave (101) |
| 24.45-24.75 FIXED INTER-SATELLITE | 24.45-24.65 INTER-SATELLITE RADIONAVIGATION S5.533 | 24.45-24.65 FIXED INTER-SATELLITE MOBILE RADIONAVIGATION S5.533 | 24.45-24.65 INTER-SATELLITE RADIONAVIGATION S5.533 | | Satellite Communications (25) |

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| | 24.65-24.75 INTER-SATELLITE RADIOLOCATION-SATELLITE (Earth-to-space) | 24.65-24.75 FIXED INTER-SATELLITE MOBILE S5.533 S5.534 | 24.65-24.75 INTER-SATELLITE RADIOLOCATION-SATELLITE (Earth-to-space) | | |
| 24.75-25.25 FIXED | 24.75-25.25 FIXED-SATELLITE (Earth-to-space) S5.535 | 24.75-25.25 FIXED FIXED-SATELLITE (Earth-to-space) S5.535 MOBILE S5.534 | 24.75-25.05 RADIONAVIGATION | 24.75-25.05 FIXED-SATELLITE (Earth-to-space) NG167 RADIONAVIGATION | Satellite Communications (25) Aviation (87) |
| | | | 25.05-25.25 | 25.05-25.25 FIXED-SATELLITE (Earth-to-space) NG167 FIXED | Satellite Communications (25) Fixed Microwave (101) |
| 25.25-25.5 FIXED INTER-SATELLITE S5.536 MOBILE Standard frequency and time signal-satellite (Earth-to-space) | | 25.25-25.5 FIXED INTER-SATELLITE S5.536 MOBILE Standard frequency and time signal-satellite (Earth-to- space) | | 25.25-27 Standard frequency and time signal-satellite (Earth-to- space) Earth exploration-satellite (space-to-space) | Note: In this manual a primary allocation has been added for the inter- satellite service in the bands 25.25-25.5, 25.5.-27 and 27-27.5 GHz. The footnote S5.536 changes the direction indicator for the earth-exploration satellite service allocation in the 25.5-27 GHz band from space-to-space to space-to-Earth. At this time, the FCC has not adopted these changes. |
| 25.5-27 EARTH EXPLORATION-SATELLITE (space-to-Earth) S5.536A S5.536B FIXED INTER-SATELLITE S5.536 MOBILE Standard frequency and time signal-satellite (Earth-to-space) | | 25.5-27 FIXED INTER-SATELLITE S5.536 MOBILE Earth exploration-satellite (space-to-Earth) Standard frequency and time signal-satellite (Earth-to- space) | | | |
| 27-27.5 FIXED INTER-SATELLITE S5.536 MOBILE | 27-27.5 FIXED FIXED-SATELLITE (Earth-to-space) INTER-SATELLITE S5.536 S5.537 MOBILE | 27-27.5 FIXED INTER-SATELLITE S5.536 MOBILE | | 27-27.5 Earth exploration-satellite (space-to-space) | |

27.5-32 GHz (SHF/EHF)

| International Table | | | United States Table | | Remarks |
|--|--|---|---------------------|--|---|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 27.5-28.5 FIXED FIXED-SATELLITE (Earth-to-space) S5.484A S5.539 MOBILE S5.538 S5.540 | | | 27.5-30 | 27.5-29.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE | Satellite Communications (25) Fixed Microwave (101) |
| 28.5-29.1 FIXED FIXED-SATELLITE (Earth-to-space) S5.484A S5.523A S5.539 MOBILE Earth exploration-satellite (Earth-to-space) S5.541 S5.540 | | | | | |
| 29.1-29.5 FIXED FIXED-SATELLITE (Earth-to-space) S5.523C S5.523E S5.535A S5.539 S5.541A MOBILE Earth exploration-satellite (Earth-to-space) S5.541 S5.540 | | | | | |
| 29.5-29.9 FIXED-SATELLITE (Earth-to-space) S5.484A S5.539 Earth exploration-satellite (Earth-to-space) S5.541 Mobile-satellite (Earth-to-space) S5.540 S5.542 | 29.5-29.9 FIXED-SATELLITE (Earth-to-space) S5.484A S5.539 MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) S5.541 S5.525 S5.526 S5.527 S5.529 S5.540 S5.542 | 29.5-29.9 FIXED-SATELLITE (Earth-to-space) S5.484A S5.539 Earth exploration-satellite (Earth-to-space) S5.541 Mobile-satellite (Earth-to-space) S5.540 S5.542 | 29.5-29.9 | FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) S5.525 S5.526 S5.527 S5.529 | Satellite Communications (25) |
| 29.9-30 FIXED-SATELLITE (Earth-to-space) S5.484A S5.539 MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) S5.541 S5.543 S5.525 S5.526 S5.527 S5.538 S5.540 S5.542 | | | | | |
| | | | | 29.9-30 FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) S5.525 S5.526 S5.527 S5.543 | |

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| 30-31 FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal-satellite (space-to-Earth) S5.542 | | | 30-31 FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal-satellite (space-to- Earth) | 30-31 Standard frequency and time signal-satellite (space-to- Earth) | |
| 31-31.3 FIXED MOBILE Standard frequency and time signal-satellite (space-to-Earth) Space research S5.544 S5.545 S5.149 | | | 31-31.3 Standard frequency and time signal-satellite (space-to- Earth) | 31-31.3 FIXED MOBILE Standard frequency and time signal-satellite (space- to-Earth) | Fixed Microwave (101) |
| 31.3-31.5 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 | | | 31.3-31.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) | | |
| 31.5-31.8 EARTH EXPLORATION- SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile S5.149 S5.546 | 31.5-31.8 EARTH EXPLORATION- SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 | 31.5-31.8 EARTH EXPLORATION- SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile S5.149 | US246 | | |
| 31.8-32 FIXED S5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) S5.547 S5.547B S5.548 | | | 31.8-32 RADIONAVIGATION US69 SPACE RESEARCH (deep space)(space-to-Earth) US262 S5.548 US211 | 31.8-32 SPACE RESEARCH (deep space)(space-to-Earth) US262 S5.548 US211 | |

32-40 GHz (EHF)

| International Table | | | United States Table | | Remarks |
|---|----------|----------|---|---|--------------------------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 32-32.3 FIXED S5.547A INTER-SATELLITE RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) S5.547 S5.547C S5.548 | | | 32-32.3 INTER-SATELLITE US278 RADIONAVIGATION US69 SPACE RESEARCH (deep space)(space-to-Earth) US262 | 32-32.3 INTER-SATELLITE US278 SPACE RESEARCH (deep space)(space-to-Earth) US262 | |
| 32.3-33 FIXED S5.547A INTER-SATELLITE RADIONAVIGATION S5.547 S5.547D S5.548 | | | 32.3-33 INTER-SATELLITE US278 RADIONAVIGATION US69 S5.548 | | |
| 33-33.4 FIXED S5.547A RADIONAVIGATION S5.547 S5.547E | | | 33-33.4 RADIONAVIGATION US69 US360 G117 | | |
| 33.4-34.2 RADIOLOCATION S5.549 | | | 33.4-36 RADIOLOCATION US110 G34 | 33.4-36 Radiolocation US110 | Private Land Mobile (90) |
| 34.2-34.7 RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space) S5.549 | | | | | |
| 34.7-35.2 RADIOLOCATION Space research S5.550 S5.549 | | | | | |
| 35.2-35.5 METEOROLOGICAL AIDS RADIOLOCATION S5.549 | | | | | |

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| 35.5-36 METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) S5.549 S5.551A | S5.551 US252 US360 G117 | S5.551 US252 US360 | |
| 36-37 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) S5.149 | 36-37 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) US263 US342 | | |
| 37-37.5 FIXED MOBILE SPACE RESEARCH (space-to-Earth) | 37-38 FIXED MOBILE SPACE RESEARCH (space-to-Earth) | 37-37.6 FIXED MOBILE | |
| 37.5-38 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth) | | 37.6-38.6 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE | Satellite Communications (25) |
| 38-39.5 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth exploration-satellite (space-to-Earth) | 38-38.6 FIXED MOBILE | 38.6-39.5 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE US291 | Auxiliary Broadcasting (74) Fixed Microwave (101) |
| 39.5-40 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth) | 39.5-40 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) US291 G117 | 39.5-40 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) US291 | |

40-50.2 GHz (EHF)

| International Table | | | United States Table | | Remarks |
|--|--|----------|---|---|-------------------------------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 40-40.5 EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to-Earth) | | | 40-40.5 EARTH EXPLORATION-SATELLITE (Earth-to- space) FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to-Earth) | 40-40.5 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) | Satellite Communications (25) |
| 40.5-42.5 FIXED BROADCASTING BROADCASTING-SATELLITE Mobile | 40.5-42.5 FIXED FIXED-SATELLITE (space-to-Earth) S5.551B S5.551E BROADCASTING BROADCASTING-SATELLITE Mobile | | 40.5-42.5 | 40.5-41 FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE Mobile Fixed US211 | |
| S5.551B S5.551D | S5.551C S5.551F | | US211 | 41-42.5 FIXED BROADCASTING BROADCASTING-SATELLITE MOBILE US211 | |
| 42.5-43.5 FIXED FIXED-SATELLITE (Earth-to-space) S5.552 MOBILE except aeronautical mobile RADIO ASTRONOMY | | | 42.5-43.5 FIXED FIXED-SATELLITE (Earth- to-space) MOBILE except aeronautical mobile RADIO ASTRONOMY | 42.5-43.5 RADIO ASTRONOMY | |
| S5.149 | | | US342 | US342 | |

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| 43.5-47 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE | 43.5-45.5 FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) | 43.5-45.5 | |
| | G117 | | |
| | 45.5-46.9 MOBILE MOBILE-SATELLITE (Earth-to-space) RADIONAVIGATION-SATELLITE | | |
| S5.554 | 46.9-47 MOBILE MOBILE-SATELLITE (Earth-to-space) RADIONAVIGATION-SATELLITE | 46.9-47 MOBILE MOBILE-SATELLITE (Earth-to-space) RADIONAVIGATION-SATELLITE FIXED | |
| | S5.554 | S5.554 | |
| 47-47.2 AMATEUR AMATEUR-SATELLITE | 47-48.2 | 47-47.2 AMATEUR AMATEUR-SATELLITE | Amateur (97) |
| 47.2-50.2 FIXED FIXED-SATELLITE (Earth-to-space) S5.552 MOBILE | | 47.2-48.2 FIXED FIXED-SATELLITE (Earth-to-space) US297 MOBILE US264 | |
| S5.149 S5.340 S5.552A S5.555 | 48.2-50.2 FIXED FIXED-SATELLITE (Earth-to-space) US297 MOBILE US264 | | Satellite Communications (25) |
| | S5.555 US342 | | |

50.2-65 GHz (EHF)

| International Table | | | United States Table | | Remarks |
|---|----------|----------|---|---|---------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 50.2-50.4 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) S5.340 S5.555A | | | 50.2-50.4 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) US263 | | |
| 50.4-51.4 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space) | | | 50.4-51.4 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) G117 | 50.4-51.4 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) | |
| 51.4-52.6 FIXED MOBILE S5.547 S5.556 | | | 51.4-54.25 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) RADIO ASTRONOMY | | |
| 52.6-54.25 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) S5.340 S5.556 | | | US246 | | |
| 54.25-55.78 EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE S5.556A SPACE RESEARCH (passive) S5.556B | | | 54.25-58.2 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE 909 SPACE RESEARCH (passive) | | |
| 55.78-56.9 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE S5.556A MOBILE S5.558 SPACE RESEARCH (passive) S5.547 S5.557 | | | | | |

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| 56.9-57 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE S5.558A MOBILE S5.558 SPACE RESEARCH (passive) S5.547 S5.557 | | |
| 57-58.2 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE S5.556A MOBILE S5.558 SPACE RESEARCH (passive) S5.547 S5.557 | US263 | |
| 58.2-59 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) S5.547 S5.556 | 58.2-59 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) RADIO ASTRONOMY US246 | |
| 59-59.3 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE S5.556A MOBILE S5.558 RADIOLOCATION S5.559 SPACE RESEARCH (passive) | 59-64 FIXED INTER-SATELLITE MOBILE 909 RADIOLOCATION | RF Devices (15) ISM Equipment (18) |
| 59.3-64 FIXED INTER-SATELLITE MOBILE S5.558 RADIOLOCATION S5.559 S5.138 | S5.138 | |
| 64-65 FIXED INTER-SATELLITE MOBILE except aeronautical mobile S5.547 S5.556 | 64-65 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) US246 | |

65-95 GHz (EHF)

| International Table | | | United States Table | | Remarks |
|---|----------|----------|--|--|-----------------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 65-66 EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH S5.547 | | | 65-66 EARTH EXPLORATION-SATELLITE SPACE RESEARCH Fixed Mobile | | |
| 66-71 INTER-SATELLITE MOBILE S5.553 S5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE S5.554 | | | 66-71 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE S5.554 | | |
| 71-74 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) S5.149 S5.556 | | | 71-74 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) US270 | | |
| 74-75.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space research (space-to-Earth) | | | 74-75.5 FIXED FIXED-SATELLITE (Earth-to-space) US297 MOBILE | | |
| 75.5-76 AMATEUR AMATEUR-SATELLITE Space research (space-to-Earth) | | | 75.5-76 | 75.5-76 AMATEUR AMATEUR-SATELLITE | Amateur (97) |
| 76-81 RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth) | | | 76-81 RADIOLOCATION | 76-77 RADIOLOCATION Amateur | RF Devices (15) |
| | | | | 77-77.5 RADIOLOCATION Amateur Amateur-satellite | Amateur (97) |

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| <p>S5.560</p> | | <p>77.5-78 RADIOLOCATION AMATEUR AMATEUR-SATELLITE</p> | |
| | | <p>78-81 RADIOLOCATION Amateur Amateur-satellite</p> | |
| <p>81-84 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) Space research (space-to-Earth)</p> | <p>S5.560</p> | <p>S5.560</p> | |
| <p>84-86 FIXED MOBILE BROADCASTING BROADCASTING-SATELLITE</p> | <p>81-84 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)</p> | <p>84-86 FIXED MOBILE BROADCASTING BROADCASTING-SATELLITE</p> | |
| <p>S5.561</p> | <p>S5.561 US211</p> | <p>S5.561 US211</p> | |
| <p>86-92 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)</p> | <p>86-92 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive)</p> | | |
| <p>S5.340</p> | <p>US246</p> | | |
| <p>92-94 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIOLOCATION S5.149 S5.556</p> | <p>92-95 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIOLOCATION</p> | | |
| <p>94-94.1 EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) S5.562</p> | <p>S5.149</p> | | |
| <p>See next page for 94.1-95 GHz</p> | | | |

95-150 GHz (EHF)

| International Table | | | United States Table | | Remarks |
|--|----------|----------|--|------------------------|---------------------------------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 94.1-95 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIOLOCATION | | | See previous page for 92-95 GHz | | See previous page for 92-95 GHz |
| 95-100 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE Radiolocation S5.149 S5.554 S5.555 | | | 95-100 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE Radiolocation S5.149 S5.554 | | |
| 100-102 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) S5.341 | | | 100-102 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) S5.341 US246 | | |
| 102-105 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE S5.341 | | | 102-105 FIXED FIXED-SATELLITE (space-to-Earth) S5.341 US211 | | |
| 105-116 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 S5.341 | | | 105-116 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) S5.341 US246 | | |
| 116-119.98 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE S5.558 SPACE RESEARCH (passive) S5.341 | | | 116-119.98 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE S5.558 SPACE RESEARCH (passive) S5.341 US211 US263 | | |

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| 119.98-120.02 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE S5.558 SPACE RESEARCH (passive) Amateur S5.341 | 119.98-120.02 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE S5.558 SPACE RESEARCH (passive) Amateur S5.341 US211 US263 | |
| 120.02-126 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE S5.558 SPACE RESEARCH (passive) S5.138 | 120.02-126 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE S5.558 SPACE RESEARCH (passive) S5.138 US211 US263 | ISM Equipment (18) |
| 126-134 FIXED INTER-SATELLITE MOBILE S5.558 RADIOLOCATION S5.559 | 126-134 FIXED INTER-SATELLITE MOBILE 909 RADIOLOCATION S5.559 | |
| 134-142 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE Radiolocation S5.149 S5.340 S5.554 S5.555 | 134-142 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE Radiolocation S5.149 S5.554 S5.555 917 | |
| 142-144 AMATEUR AMATEUR-SATELLITE | 142-144 | 142-144 AMATEUR AMATEUR-SATELLITE |
| 144-149 RADIOLOCATION Amateur Amateur-satellite S5.149 S5.555 | 144-149 RADIOLOCATION S5.149 S5.555 | 144-149 RADIOLOCATION Amateur Amateur-satellite S5.149 S5.555 |
| 149-150 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE | 149-150 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE | |

150-202 GHz (EHF)

| International Table | | | United States Table | | Remarks |
|--|----------|----------|--|------------------------|---------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 150-151 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (passive) S5.149 S5.385 | | | 150-151 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (passive) S5.149 S5.385 US263 | | |
| 151-156 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE | | | 151-164 FIXED FIXED-SATELLITE (space-to-Earth) | | |
| 156-158 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE | | | | | |
| 158-164 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE | | | US211 | | |
| 164-168 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) | | | 164-168 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) US246 | | |
| 168-170 FIXED MOBILE | | | 168-170 FIXED MOBILE | | |
| 170-174.5 FIXED INTER-SATELLITE MOBILE S5.558 S5.149 S5.385 | | | 170-174.5 FIXED INTER-SATELLITE MOBILE 909 S5.149 S5.385 | | |

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| 174.5-176.5 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE S5.558 SPACE RESEARCH (passive) S5.149 S5.385 | 174.5-176.5 EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE 909 SPACE RESEARCH (passive) S5.149 S5.385 US263 | |
| 176.5-182 FIXED INTER-SATELLITE MOBILE S5.558 S5.149 S5.385 | 176.5-182 FIXED INTER-SATELLITE MOBILE 909 S5.149 S5.385 US211 | |
| 182-185 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 S5.563 | 182-185 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) US246 | |
| 185-190 FIXED INTER-SATELLITE MOBILE S5.558 S5.149 S5.385 | 185-190 FIXED INTER-SATELLITE MOBILE 909 S5.149 S5.385 US211 | |
| 190-200 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE S5.341 S5.554 | 190-200 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE S5.341 S5.554 | |
| 200-202 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) S5.341 | 200-202 EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) S5.341 US263 | |

202-400 GHz (EHF)

| International Table | | | United States Table | | Remarks |
|---|----------|----------|--|--|------------------------------------|
| Region 1 | Region 2 | Region 3 | Federal Government | Non-Federal Government | |
| 202-217 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE S5.341 | | | 202-217 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE S5.341 | | |
| 217-231 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340 S5.341 | | | 217-231 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY US74 SPACE RESEARCH (passive) S5.341 US246 | | |
| 231-235 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation | | | 231-235 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation US211 | | |
| 235-238 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (passive) | | | 235-238 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (passive) US263 | | |
| 238-241 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation | | | 238-241 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation | | |
| 241-248 RADIOLOCATION Amateur Amateur-satellite S5.138 | | | 241-248 RADIOLOCATION S5.138 | 241-248 RADIOLOCATION Amateur Amateur-satellite S5.138 | ISM Equipment (18) Amateur (97) |

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| 248-250 AMATEUR AMATEUR-SATELLITE | 248-250 | 248-250 AMATEUR AMATEUR-SATELLITE | Amateur (97) |
| 250-252 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) S5.149 S5.555 | 250-252 EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) S5.149 S5.555 | | |
| 252-265 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE S5.149 S5.385 S5.554 S5.555 S5.564 | 252-265 MOBILE S5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE S5.149 S5.385 S5.554 S5.555 US211 | | |
| 265-275 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY S5.149 | 265-275 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY S5.149 | | |
| 275-400 (Not Allocated) S5.565 | 275-300 FIXED MOBILE S5.565 | | |
| | 300-400 (Not allocated) S5.565 | | Amateur (97) |