

Attachment is International Frequency Table as allocated by WPC. Also see Doc#2 for Footnote descriptions (# 5.53 onwards) on mods to International Frequencies for different countries.

(c) Source : WPC, Govt. Of India

200-495 kHz

| Allocation to services | | |
|--|--|---|
| Region 1 | Region 2 | Region 3 |
| | 200-275 AERONAUTICAL RADIONAVIGATION Aeronautical mobile | 200-285 AERONAUTICAL RADIONAVIGATION Aeronautical mobile |
| 255-283.5 BROADCASTING AERONAUTICAL RADIONAVIGATION 5.70 5.71 | 275-285 AERONAUTICAL RADIONAVIGATION Aeronautical mobile | |
| 283.5-315 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) 5.73 5.72 5.74 | Maritime radionavigation (radiobeacons) | |
| | 285-315 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) 5.73 | |
| 315-325 AERONAUTICAL RADIONAVIGATION Maritime radionavigation (radiobeacons) 5.73 5.72 5.75 | 315-325 MARITIME RADIONAVIGATION (radiobeacons) 5.73 Aeronautical radionavigation | 315-325 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) 5.73 |
| 325-405 AERONAUTICAL RADIONAVIGATION 5.72 | 325-335 AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radiobeacons) | 325-405 AERONAUTICAL RADIONAVIGATION Aeronautical mobile |
| | 335-405 AERONAUTICAL RADIONAVIGATION Aeronautical mobile | |
| 405-415 RADIONAVIGATION 5.76 5.72 | 405-415 RADIONAVIGATION 5.76 Aeronautical mobile | |
| 415-435 MARITIME MOBILE 5.79 AERONAUTICAL RADIONAVIGATION 5.72 | 415-495 MARITIME MOBILE 5.79 5.79A Aeronautical radionavigation 5.80 | |
| 435-495 MARITIME MOBILE 5.79 5.79A Aeronautical radionavigation 5.72 5.82 | 5.77 5.78 5.82 | |

495-1 800 kHz

| Allocation to services | | |
|---|---|---|
| Region 1 | Region 2 | Region 3 |
| 495-505 | MOBILE (distress and calling) 5.83 | |
| 505-526.5 MARITIME MOBILE 5.79 5.79A 5.84 AERONAUTICAL RADIONAVIGATION 5.72 | 505-510 MARITIME MOBILE 5.79 | 505-526.5 MARITIME MOBILE 5.79 5.79A 5.84 AERONAUTICAL RADIONAVIGATION Aeronautical mobile Land mobile |
| | 510-525 MOBILE 5.79A 5.84 AERONAUTICAL RADIONAVIGATION | |
| | 526.5-1 606.5 BROADCASTING 5.87 5.87A | 525-535 BROADCASTING 5.86 AERONAUTICAL RADIONAVIGATION |
| 1 606.5-1 625 FIXED MARITIME MOBILE 5.90 LAND MOBILE 5.92 | 535-1 605 BROADCASTING | 535-1 606.5 BROADCASTING |
| | 1 605-1 625 BROADCASTING 5.89 5.90 | 1 606.5-1 800 FIXED MOBILE RADIOLOCATION RADIONAVIGATION 5.91 |
| 1 625-1 635 RADIOLOCATION 5.93 | 1 625-1 705 FIXED MOBILE BROADCASTING 5.89 Radiolocation 5.90 | |
| 1 635-1 800 FIXED MARITIME MOBILE 5.90 LAND MOBILE 5.92 5.96 | 1 705-1 800 FIXED MOBILE RADIOLOCATION AERONAUTICAL RADIONAVIGATION | |

1 800-2 194 kHz

| Allocation to services | | |
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| Region 1 | Region 2 | Region 3 |
| 1 800-1 810 RADIOLOCATION 5.93 | 1 800-1 850 AMATEUR | 1 800-2 000 AMATEUR FIXED MOBILE except aeronautical mobile RADIONAVIGATION Radiolocation |
| 1 810-1 850 AMATEUR 5.98 5.99 5.100 5.101 | | |
| 1 850-2 000 FIXED MOBILE except aeronautical mobile 5.92 5.96 5.103 | 1 850-2 000 AMATEUR FIXED MOBILE except aeronautical mobile RADIOLOCATION RADIONAVIGATION 5.102 | 5.97 |
| 2 000-2 025 FIXED MOBILE except aeronautical mobile (R) 5.92 5.103 | 2 000-2 065 FIXED MOBILE | |
| 2 025-2 045 FIXED MOBILE except aeronautical mobile (R) Meteorological aids 5.104 5.92 5.103 | | |
| 2 045-2 160 FIXED MARITIME MOBILE LAND MOBILE 5.92 | 2 065-2 107 MARITIME MOBILE 5.105 5.106 | |
| 2 160-2 170 RADIOLOCATION 5.93 5.107 | 2 107-2 170 FIXED MOBILE | |
| 2 170-2 173.5 | MARITIME MOBILE | |
| 2 173.5-2 190.5 | MOBILE (distress and calling) 5.108 5.109 5.110 5.111 | |
| 2 190.5-2 194 | MARITIME MOBILE | |

2 194-3 230 kHz

| Allocation to services | | |
|---|---|----------|
| Region 1 | Region 2 | Region 3 |
| 2 194-2 300 FIXED MOBILE except aeronautical mobile (R) 5.92 5.103 5.112 | 2 194-2 300 FIXED MOBILE 5.112 | |
| 2 300-2 498 FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 5.103 | 2 300-2 495 FIXED MOBILE BROADCASTING 5.113 | |
| 2 498-2 501 STANDARD FREQUENCY AND TIME SIGNAL (2 500 kHz) | 2 495-2 501 STANDARD FREQUENCY AND TIME SIGNAL (2 500 kHz) | |
| 2 501-2 502 | STANDARD FREQUENCY AND TIME SIGNAL Space Research | |
| 2 502-2 625 FIXED MOBILE except aeronautical mobile (R) 5.92 5.103 5.114 | 2 502-2 505 STANDARD FREQUENCY AND TIME SIGNAL | |
| 2 625-2 650 MARITIME MOBILE MARITIME RADIONAVIGATION 5.92 | 2 505-2 850 FIXED MOBILE | |
| 2 650-2 850 FIXED MOBILE except aeronautical mobile (R) 5.92 5.103 | | |
| 2 850-3 025 | AERONAUTICAL MOBILE (R) 5.111 5.115 | |
| 3 025-3 155 | AERONAUTICAL MOBILE (OR) | |
| 3 155-3 200 | FIXED MOBILE except aeronautical mobile (R) 5.116 5.117 | |
| 3 200-3 230 | FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 5.116 | |

3 230-5 003 kHz

| Allocation to services | | |
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| Region 1 | Region 2 | Region 3 |
| 3 230-3 400 | FIXED MOBILE except aeronautical mobile BROADCASTING 5.113 5.116 5.118 | |
| 3 400-3 500 | AERONAUTICAL MOBILE (R) | |
| 3 500-3 800 AMATEUR FIXED MOBILE except aeronautical mobile 5.92 | 3 500-3 750 AMATEUR 5.119 | 3 500-3 900 AMATEUR FIXED MOBILE |
| 3 800-3 900 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE | 3 750-4 000 AMATEUR FIXED MOBILE except aeronautical mobile (R) | |
| 3 900-3 950 AERONAUTICAL MOBILE (OR) 5.123 | | 3 900-3 950 AERONAUTICAL MOBILE BROADCASTING |
| 3 950-4 000 FIXED BROADCASTING | 5.122 5.125 | 3 950-4 000 FIXED BROADCASTING 5.126 |
| 4 000-4 063 | FIXED MARITIME MOBILE 5.127 5.126 | |
| 4 063-4 438 | MARITIME MOBILE 5.79A 5.109 5.110 5.130 5.131 5.132 5.128 5.129 | |
| 4 438-4 650 FIXED MOBILE except aeronautical mobile (R) | | 4 438-4 650 FIXED MOBILE except aeronautical mobile |
| 4 650-4 700 | AERONAUTICAL MOBILE (R) | |
| 4 700-4 750 | AERONAUTICAL MOBILE (OR) | |
| 4 750-4 850 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE BROADCASTING 5.113 | 4 750-4 850 FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 | 4 750-4 850 FIXED BROADCASTING 5.113 Land mobile |
| 4 850-4 995 | FIXED LAND MOBILE BROADCASTING 5.113 | |
| 4 995-5 003 | STANDARD FREQUENCY AND TIME SIGNAL (5 000 kHz) | |

5 003-7 450 kHz

| Allocation to services | | |
|--|---|---|
| Region 1 | Region 2 | Region 3 |
| 5 003-5 005 | STANDARD FREQUENCY AND TIME SIGNAL Space research | |
| 5 005-5 060 | FIXED BROADCASTING 5.113 | |
| 5 060-5 250 | FIXED Mobile except aeronautical mobile 5.133 | |
| 5 250-5 450 | FIXED MOBILE except aeronautical mobile | |
| 5 450-5 480 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE | 5 450-5 480 AERONAUTICAL MOBILE (R) | 5 450-5 480 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE |
| 5 480-5 680 | AERONAUTICAL MOBILE (R) 5.111 5.115 | |
| 5 680-5 730 | AERONAUTICAL MOBILE (OR) 5.111 5.115 | |
| 5 730-5 900 FIXED LAND MOBILE | 5 730-5 900 FIXED MOBILE except aeronautical mobile (R) | 5 730-5 900 FIXED Mobile except aeronautical mobile (R) |
| 5 900-5 950 | BROADCASTING 5.134 5.136 | |
| 5 950-6 200 | BROADCASTING | |
| 6 200-6 525 | MARITIME MOBILE 5.109 5.110 5.130 5.132 5.137 | |
| 6 525-6 685 | AERONAUTICAL MOBILE (R) | |
| 6 685-6 765 | AERONAUTICAL MOBILE (OR) | |
| 6 765-7 000 | FIXED MOBILE except aeronautical mobile (R) 5.138 5.138A 5.139 | |
| 7 000-7 100 | AMATEUR AMATEUR-SATELLITE 5.140 5.141 5.141A | |
| 7 100-7 200 | AMATEUR 5.141A 5.141B 5.141C 5.142 | |
| 7 200-7 300 BROADCASTING | 7 200-7 300 AMATEUR 5.142 | 7 200-7 300 BROADCASTING |
| 7 300-7 400 | BROADCASTING 5.134 5.143 5.143A 5.143B 5.143C 5.143D | |
| 7 400-7 450 BROADCASTING 5.143B 5.143C | 7 400-7 450 FIXED MOBILE except aeronautical mobile (R) | 7 400-7 450 BROADCASTING 5.143A 5.143C |

7 450-13 360 kHz

| Allocation to services | | |
|-------------------------------|--|-----------------|
| Region 1 | Region 2 | Region 3 |
| 7 450-8 100 | FIXED MOBILE except aeronautical mobile (R) 5.143E 5.144 | |
| 8 100-8 195 | FIXED MARITIME MOBILE | |
| 8 195-8 815 | MARITIME MOBILE 5.109 5.110 5.132 5.145 5.111 | |
| 8 815-8 965 | AERONAUTICAL MOBILE (R) | |
| 8 965-9 040 | AERONAUTICAL MOBILE (OR) | |
| 9 040-9 400 | FIXED | |
| 9 400-9 500 | BROADCASTING 5.134 5.146 | |
| 9 500-9 900 | BROADCASTING 5.147 | |
| 9 900-9 995 | FIXED | |
| 9 995-10 003 | STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz) 5.111 | |
| 10 003-10 005 | STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111 | |
| 10 005-10 100 | AERONAUTICAL MOBILE (R) 5.111 | |
| 10 100-10 150 | FIXED Amateur | |
| 10 150-11 175 | FIXED Mobile except aeronautical mobile (R) | |
| 11 175-11 275 | AERONAUTICAL MOBILE (OR) | |
| 11 275-11 400 | AERONAUTICAL MOBILE (R) | |
| 11 400-11 600 | FIXED | |
| 11 600-11 650 | BROADCASTING 5.134 5.146 | |
| 11 650-12 050 | BROADCASTING 5.147 | |
| 12 050-12 100 | BROADCASTING 5.134 5.146 | |
| 12 100-12 230 | FIXED | |
| 12 230-13 200 | MARITIME MOBILE 5.109 5.110 5.132 5.145 | |
| 13 200-13 260 | AERONAUTICAL MOBILE (OR) | |
| 13 260-13 360 | AERONAUTICAL MOBILE (R) | |

13 360-18 030 kHz

| Allocation to services | | |
|------------------------|--|----------|
| Region 1 | Region 2 | Region 3 |
| 13 360-13 410 | FIXED RADIO ASTRONOMY 5.149 | |
| 13 410-13 570 | FIXED Mobile except aeronautical mobile (R) 5.150 | |
| 13 570-13 600 | BROADCASTING 5.134 5.151 | |
| 13 600-13 800 | BROADCASTING | |
| 13 800-13 870 | BROADCASTING 5.134 5.151 | |
| 13 870-14 000 | FIXED Mobile except aeronautical mobile (R) | |
| 14 000-14 250 | AMATEUR AMATEUR-SATELLITE | |
| 14 250-14 350 | AMATEUR 5.152 | |
| 14 350-14 990 | FIXED Mobile except aeronautical mobile (R) | |
| 14 990-15 005 | STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz) 5.111 | |
| 15 005-15 010 | STANDARD FREQUENCY AND TIME SIGNAL Space research | |
| 15 010-15 100 | AERONAUTICAL MOBILE (OR) | |
| 15 100-15 600 | BROADCASTING | |
| 15 600-15 800 | BROADCASTING 5.134 5.146 | |
| 15 800-16 360 | FIXED 5.153 | |
| 16 360-17 410 | MARITIME MOBILE 5.109 5.110 5.132 5.145 | |
| 17 410-17 480 | FIXED | |
| 17 480-17 550 | BROADCASTING 5.134 5.146 | |
| 17 550-17 900 | BROADCASTING | |
| 17 900-17 970 | AERONAUTICAL MOBILE (R) | |
| 17 970-18 030 | AERONAUTICAL MOBILE (OR) | |

18 030-23 350 kHz

| Allocation to services | | |
|-------------------------------|---|-----------------|
| Region 1 | Region 2 | Region 3 |
| 18 030-18 052 | FIXED | |
| 18 052-18 068 | FIXED Space research | |
| 18 068-18 168 | AMATEUR AMATEUR-SATELLITE 5.154 | |
| 18 168-18 780 | FIXED Mobile except aeronautical mobile | |
| 18 780-18 900 | MARITIME MOBILE | |
| 18 900-19 020 | BROADCASTING 5.134 5.146 | |
| 19 020-19 680 | FIXED | |
| 19 680-19 800 | MARITIME MOBILE 5.132 | |
| 19 800-19 990 | FIXED | |
| 19 990-19 995 | STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111 | |
| 19 995-20 010 | STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz) 5.111 | |
| 20 010-21 000 | FIXED Mobile | |
| 21 000-21 450 | AMATEUR AMATEUR-SATELLITE | |
| 21 450-21 850 | BROADCASTING | |
| 21 850-21 870 | FIXED 5.155A 5.155 | |
| 21 870-21 924 | FIXED 5.155B | |
| 21 924-22 000 | AERONAUTICAL MOBILE (R) | |
| 22 000-22 855 | MARITIME MOBILE 5.132 5.156 | |
| 22 855-23 000 | FIXED 5.156 | |
| 23 000-23 200 | FIXED Mobile except aeronautical mobile (R) 5.156 | |
| 23 200-23 350 | FIXED 5.156A AERONAUTICAL MOBILE (OR) | |

23 350-27 500 kHz

| Allocation to services | | |
|------------------------|--|----------|
| Region 1 | Region 2 | Region 3 |
| 23 350-24 000 | FIXED MOBILE except aeronautical mobile 5.157 | |
| 24 000-24 890 | FIXED LAND MOBILE | |
| 24 890-24 990 | AMATEUR AMATEUR-SATELLITE | |
| 24 990-25 005 | STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz) | |
| 25 005-25 010 | STANDARD FREQUENCY AND TIME SIGNAL Space research | |
| 25 010-25 070 | FIXED MOBILE except aeronautical mobile | |
| 25 070-25 210 | MARITIME MOBILE | |
| 25 210-25 550 | FIXED MOBILE except aeronautical mobile | |
| 25 550-25 670 | RADIO ASTRONOMY 5.149 | |
| 25 670-26 100 | BROADCASTING | |
| 26 100-26 175 | MARITIME MOBILE 5.132 | |
| 26 175-27 500 | FIXED MOBILE except aeronautical mobile 5.150 | |

27.5-47 MHz

| Allocation to services | | |
|------------------------|---|----------|
| Region 1 | Region 2 | Region 3 |
| 27.5-28 | METEOROLOGICAL AIDS FIXED MOBILE | |
| 28-29.7 | AMATEUR AMATEUR-SATELLITE | |
| 29.7-30.005 | FIXED MOBILE | |
| 30.005-30.01 | SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH | |
| 30.01-37.5 | FIXED MOBILE | |
| 37.5-38.25 | FIXED MOBILE Radio astronomy 5.149 | |
| 38.25-39.986 | FIXED MOBILE | |
| 39.986-40.02 | FIXED MOBILE Space research | |
| 40.02-40.98 | FIXED MOBILE 5.150 | |
| 40.98-41.015 | FIXED MOBILE Space research 5.160 5.161 | |
| 41.015-44 | FIXED MOBILE 5.160 5.161 | |
| 44-47 | FIXED MOBILE 5.162 5.162A | |

47-75.2 MHz

| Allocation to services | | |
|---|--|--|
| Region 1 | Region 2 | Region 3 |
| 47-68 BROADCASTING 5.162A 5.163 5.164 5.165 5.169 5.171 | 47-50 FIXED MOBILE | 47-50 FIXED MOBILE BROADCASTING 5.162A |
| | 50-54 AMATEUR 5.162A 5.166 5.167 5.168 5.170 | |
| | 54-68 BROADCASTING Fixed Mobile 5.172 | 54-68 FIXED MOBILE BROADCASTING 5.162A |
| 68-74.8 FIXED MOBILE except aeronautical mobile 5.149 5.174 5.175 5.177 5.179 | 68-72 BROADCASTING Fixed Mobile 5.173 | 68-74.8 FIXED MOBILE 5.149 5.176 5.179 |
| | 72-73 FIXED MOBILE | |
| | 73-74.6 RADIO ASTRONOMY 5.178 | |
| | 74.6-74.8 FIXED MOBILE | |
| 74.8-75.2 AERONAUTICAL RADIONAVIGATION 5.180 5.181 | | |

75.2-137.175 MHz

| Allocation to services | | |
|---|---|--|
| Region 1 | Region 2 | Region 3 |
| 75.2-87.5 FIXED MOBILE except aeronautical mobile 5.175 5.179 5.184 5.187 | 75.2-75.4 FIXED MOBILE 5.179 | |
| | 75.4-76 FIXED MOBILE | 75.4-87 FIXED MOBILE 5.182 5.183 5.188 |
| | 76-88 BROADCASTING Fixed Mobile | |
| | 87.5-100 BROADCASTING 5.190 | 5.185 88-100 BROADCASTING |
| 100-108 | BROADCASTING 5.192 5.194 | |
| 108-117.975 | AERONAUTICAL RADIONAVIGATION 5.197 5.197A | |
| 117.975-137 | AERONAUTICAL MOBILE (R) 5.111 5.198 5.199 5.200 5.201 5.202 5.203 5.203A 5.203B | |
| 137-137.025 | SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) 5.204 5.205 5.206 5.207 5.208 | |
| 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) 5.208A 5.209 Mobile except aeronautical mobile (R) 5.204 5.205 5.206 5.207 5.208 | |

137.175-148 MHz

| Allocation to services | | |
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| Region 1 | Region 2 | Region 3 |
| 137.175-137.825 | SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) 5.204 5.205 5.206 5.207 5.208 | |
| 137.825-138 | SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) 5.208A 5.209 Mobile except aeronautical mobile (R) 5.204 5.205 5.206 5.207 5.208 | |
| 138-143.6 AERONAUTICAL MOBILE (OR) 5.210 5.211 5.212 5.214 | 138-143.6 FIXED MOBILE RADIOLOCATION Space research (space-to-Earth) | 138-143.6 FIXED MOBILE Space research (space-to-Earth) 5.207 5.213 |
| 143.6-143.65 AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space-to-Earth) 5.211 5.212 5.214 | 143.6-143.65 FIXED MOBILE RADIOLOCATION SPACE RESEARCH (space-to-Earth) | 143.6-143.65 FIXED MOBILE SPACE RESEARCH (space-to-Earth) 5.207 5.213 |
| 143.65-144 AERONAUTICAL MOBILE (OR) 5.210 5.211 5.212 5.214 | 143.65-144 FIXED MOBILE RADIOLOCATION Space research (space-to-Earth) | 143.65-144 FIXED MOBILE Space research (space-to-Earth) 5.207 5.213 |
| 144-146 | AMATEUR AMATEUR-SATELLITE 5.216 | |
| 146-148 FIXED MOBILE except aeronautical mobile (R) | 146-148 AMATEUR 5.217 | 146-148 AMATEUR FIXED MOBILE 5.217 |

148-223 MHz

| Allocation to services | | |
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| Region 1 | Region 2 | Region 3 |
| 148-149.9 FIXED MOBILE except aeronautical mobile (R) MOBILE-SATELLITE (Earth-to-space) 5.209 5.218 5.219 5.221 | 148-149.9 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.209 5.218 5.219 5.221 | |
| 149.9-150.05 | MOBILE-SATELLITE (Earth-to-space) 5.209 5.224A RADIONAVIGATION-SATELLITE 5.224B 5.220 5.222 5.223 | |
| 150.05-153 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 | 150.05-156.7625 FIXED MOBILE 5.225 5.226 5.227 | |
| 153-154 FIXED MOBILE except aeronautical mobile (R) Meteorological Aids | | |
| 154-156.7625 FIXED MOBILE except aeronautical mobile (R) 5.226 5.227 | | |
| 156.7625-156.8375 | MARITIME MOBILE (distress and calling) 5.111 5.226 | |
| 156.8375-174 FIXED MOBILE except aeronautical mobile 5.226 5.229 | 156.8375-174 FIXED MOBILE 5.226 5.230 5.231 5.232 | |
| 174-223 BROADCASTING 5.235 5.237 5.243 | 174-216 BROADCASTING Fixed Mobile 5.234 | 174-223 FIXED MOBILE BROADCASTING 5.233 5.238 5.240 5.245 |
| | 216-220 FIXED MARITIME MOBILE Radiolocation 5.241 5.242 | |

220-335.4 MHz

| Allocation to services | | |
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| Region 1 | Region 2 | Region 3 |
| | 220-225 | |
| 223-230 BROADCASTING Fixed Mobile 5.243 5.246 5.247 | AMATEUR FIXED MOBILE Radiolocation 5.241 | 223-230 FIXED MOBILE BROADCASTING AERONAUTICAL RADIONAVIGATION Radiolocation 5.250 |
| | 225-235 | |
| | FIXED MOBILE | |
| 230-235 FIXED MOBILE 5.247 5.251 5.252 | | 230-235 FIXED MOBILE AERONAUTICAL RADIONAVIGATION 5.250 |
| 235-267 | FIXED MOBILE 5.111 5.199 5.252 5.254 5.256 5.256A | |
| 267-272 | FIXED MOBILE Space operation (space-to-Earth) 5.254 5.257 | |
| 272-273 | SPACE OPERATION (space-to-Earth) FIXED MOBILE 5.254 | |
| 273-312 | FIXED MOBILE 5.254 | |
| 312-315 | FIXED MOBILE Mobile-satellite (Earth-to-space) 5.254 5.255 | |
| 315-322 | FIXED MOBILE 5.254 | |
| 322-328.6 | FIXED MOBILE RADIO ASTRONOMY 5.149 | |
| 328.6-335.4 | AERONAUTICAL RADIONAVIGATION 5.258 5.259 | |

335.4-410 MHz

| Allocation to services | | |
|-------------------------------|--|-----------------|
| Region 1 | Region 2 | Region 3 |
| 335.4-387 | FIXED MOBILE 5.254 | |
| 387-390 | FIXED MOBILE Mobile-satellite (space-to-Earth) 5.208A 5.254 5.255 | |
| 390-399.9 | FIXED MOBILE 5.254 | |
| 399.9-400.05 | MOBILE-SATELLITE (Earth-to-space) 5.209 5.224A RADIONAVIGATION-SATELLITE 5.222 5.224B 5.260 5.220 | |
| 400.05-400.15 | STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) 5.261 5.262 | |
| 400.15-401 | METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.209 SPACE RESEARCH (space-to-Earth) 5.263 Space operation (space-to-Earth) 5.262 5.264 | |
| 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 | |
| 402-403 | METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile | |
| 403-406 | METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile | |
| 406-406.1 | MOBILE-SATELLITE (Earth-to-space) 5.266 5.267 | |
| 406.1-410 | FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 | |

410-460 MHz

| Allocation to services | | |
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| Region 1 | Region 2 | Region 3 |
| 410-420 | FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) 5.268 | |
| 420-430 | FIXED MOBILE except aeronautical mobile Radiolocation 5.269 5.270 5.271 | |
| 430-432 AMATEUR RADIOLOCATION 5.271 5.272 5.273 5.274 5.275 5.276 5.277 | 430-432 RADIOLOCATION Amateur 5.271 5.276 5.277 5.278 5.279 | |
| 432-438 AMATEUR RADIOLOCATION Earth exploration-satellite (active) 5.279A 5.138 5.271 5.272 5.276 5.277 5.280 5.281 5.282 | 432-438 RADIOLOCATION Amateur Earth exploration-satellite (active) 5.279A 5.271 5.276 5.277 5.278 5.279 5.281 5.282 | |
| 438-440 AMATEUR RADIOLOCATION 5.271 5.273 5.274 5.275 5.276 5.277 5.283 | 438-440 RADIOLOCATION Amateur 5.271 5.276 5.277 5.278 5.279 | |
| 440-450 | FIXED MOBILE except aeronautical mobile Radiolocation 5.269 5.270 5.271 5.284 5.285 5.286 | |
| 450-455 | FIXED MOBILE 5.209 5.271 5.286 5.286A 5.286B 5.286C 5.286D 5.286E | |
| 455-456 FIXED MOBILE 5.209 5.271 5.286A 5.286B 5.286C 5.286E | 455-456 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.286A 5.286B 5.286C 5.209 | 455-456 FIXED MOBILE 5.209 5.271 5.286A 5.286B 5.286C 5.286E |
| 456-459 | FIXED MOBILE 5.271 5.287 5.288 | |
| 459-460 FIXED MOBILE 5.209 5.271 5.286A 5.286B 5.286C 5.286E | 459-460 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.286A 5.286B 5.286C 5.209 | 459-460 FIXED MOBILE 5.209 5.271 5.286A 5.286B 5.286C 5.286E |

460-890 MHz

| Allocation to services | | |
|--|---|--|
| Region 1 | Region 2 | Region 3 |
| 460-470 | FIXED MOBILE Meteorological-Satellite (space-to-Earth) 5.287 5.288 5.289 5.290 | |
| 470-790 BROADCASTING 5.149 5.291A 5.294 5.296 5.300 5.302 5.304 5.306 5.311 5.312 | 470-512 BROADCASTING Fixed Mobile 5.292 5.293 | 470-585 FIXED MOBILE BROADCASTING 5.291 5.298 |
| | 512-608 BROADCASTING 5.297 | |
| | 608-614 RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth-to-space) | 610-890 FIXED MOBILE 5.317A BROADCASTING 5.149 5.305 5.306 5.307 5.311 5.320 |
| | 614-806 BROADCASTING Fixed Mobile 5.293 5.309 5.311 | |
| 790-862 FIXED BROADCASTING 5.312 5.314 5.315 5.316 5.319 5.321 | 806-890 FIXED MOBILE 5.317A BROADCASTING 5.317 5.318 | |
| 862-890 FIXED MOBILE except aeronautical mobile 5.317A BROADCASTING 5.322 5.319 5.323 | | |

890-1 300 MHz

| Allocation to services | | |
|---|--|--|
| Region 1 | Region 2 | Region 3 |
| 890-942 FIXED MOBILE except aeronautical mobile 5.317A BROADCASTING 5.322 Radiolocation 5.323 | 890-902 FIXED MOBILE except aeronautical mobile 5.317A Radiolocation 5.318 5.325 | 890-942 FIXED MOBILE 5.317A BROADCASTING Radiolocation 5.327 |
| | 902-928 FIXED Amateur Mobile except aeronautical mobile 5.325A Radiolocation 5.150 5.325 5.326 | |
| | 928-942 FIXED MOBILE except aeronautical mobile 5.317A Radiolocation 5.325 | |
| 942-960 FIXED MOBILE except aeronautical mobile 5.317A BROADCASTING 5.322 5.323 | 942-960 FIXED MOBILE 5.317A | 942-960 FIXED MOBILE 5.317A BROADCASTING 5.320 |
| 960-1 164 | AERONAUTICAL RADIONAVIGATION 5.328 | |
| 1 164-1 215 | AERONAUTICAL RADIONAVIGATION 5.328 RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.328A | |
| 1 215-1 240 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active) 5.330 5.331 5.332 | |
| 1 240-1 300 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active) Amateur 5.282 5.330 5.331 5.332 5.335 5.335A | |

1 300-1 525 MHz

| Allocation to services | | |
|--|---|--|
| Region 1 | Region 2 | Region 3 |
| 1 300-1 350 | AERONAUTICAL RADIONAVIGATION 5.337 RADIOLOCATION RADIONAVIGATION SATELLITE (Earth-to-space) 5.149 5.337A | |
| 1 350-1 400 FIXED MOBILE RADIOLOCATION 5.149 5.338 5.339 5.339A | 1 350-1 400 RADIOLOCATION 5.149 5.334 5.339 5.339A | |
| 1 400-1 427 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341 | |
| 1 427-1 429 | SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile 5.341 | |
| 1 429-1 452 FIXED MOBILE except aeronautical mobile 5.339A 5.341 5.342 | 1 429-1 452 FIXED MOBILE 5.343 5.339A 5.341 | |
| 1 452-1 492 FIXED MOBILE except aeronautical mobile BROADCASTING 5.345 5.347 BROADCASTING-SATELLITE 5.345 5.347 5.347A 5.341 5.342 | 1 452-1 492 FIXED MOBILE 5.343 BROADCASTING 5.345 5.347 BROADCASTING-SATELLITE 5.345 5.347 5.347A 5.341 5.344 | |
| 1 492-1 518 FIXED MOBILE except aeronautical mobile 5.341 5.342 | 1 492-1 518 FIXED MOBILE 5.343 5.341 5.344 | 1 492-1 518 FIXED MOBILE 5.341 |
| 1 518-1 525 FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) 5.348 5.348A 5.348B 5.348C 5.341 5.342 | 1 518-1 525 FIXED MOBILE 5.343 MOBILE-SATELLITE (space-to-Earth) 5.348 5.348A 5.348B 5.348C 5.341 5.344 | 1 518-1 525 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.348 5.348A 5.348B 5.348C 5.341 |

1 525-1 610 MHz

| Allocation to services | | |
|--|---|---|
| Region 1 | Region 2 | Region 3 |
| 1 525-1 530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A Earth exploration-satellite Mobile except aeronautical mobile 5.349 5.341 5.342 5.350 5.351 5.352A 5.354 | 1 525-1 530 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A Earth exploration-satellite Fixed Mobile 5.343 5.341 5.351 5.354 | 1 525-1 530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A Earth exploration-satellite Mobile 5.349 5.341 5.351 5.352A 5.354 |
| 1 530-1 535 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A 5.353A Earth exploration-satellite Fixed Mobile except aeronautical mobile 5.341 5.342 5.351 5.354 | 1 530-1 535 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A 5.353A Earth exploration-satellite Fixed Mobile 5.343 5.341 5.351 5.354 | |
| 1 535-1 559 | MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A 5.341 5.351 5.353A 5.354 5.355 5.356 5.357 5.357A 5.359 5.362A | |
| 1 559-1 610 | AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.329A 5.341 5.362B 5.362C 5.363 | |

1 610-1 660 MHz

| Allocation to services | | |
|------------------------|----------|----------|
| Region 1 | Region 2 | Region 3 |

| | | |
|---|--|---|
| <p>1 610-1 610.6 MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION</p> <p>5.341 5.355 5.359 5.363 5.364 5.366 5.367 5.368 5.369 5.371 5.372</p> | <p>1 610-1 610.6 MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to-space)</p> <p>5.341 5.364 5.366 5.367 5.368 5.370 5.372</p> | <p>1 610-1 610.6 MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space)</p> <p>5.341 5.355 5.359 5.364 5.366 5.367 5.368 5.369 5.372</p> |
| <p>1 610.6-1 613.8 MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION</p> <p>5.149 5.341 5.355 5.359 5.363 5.364 5.366 5.367 5.368 5.369 5.371 5.372</p> | <p>1 610.6-1 613.8 MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to-space)</p> <p>5.149 5.341 5.364 5.366 5.367 5.368 5.370 5.372</p> | <p>1 610.6-1 613.8 MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION Radiodetermination-satellite (Earth-to-space)</p> <p>5.149 5.341 5.355 5.359 5.364 5.366 5.367 5.368 5.369 5.372</p> |
| <p>1 613.8-1 626.5 MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) 5.347A</p> <p>5.341 5.355 5.359 5.363 5.364 5.365 5.366 5.367 5.368 5.369 5.371 5.372</p> | <p>1 613.8-1 626.5 MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth) 5.347A</p> <p>5.341 5.364 5.365 5.366 5.367 5.368 5.370 5.372</p> | <p>1 613.8-1 626.5 MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION Mobile-satellite (space-to-Earth) 5.347A Radiodetermination-satellite (Earth-to-space)</p> <p>5.341 5.355 5.359 5.364 5.365 5.366 5.367 5.368 5.369 5.372</p> |
| <p>1 626.5-1 660 MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341 5.351 5.353A 5.354 5.355 5.357A 5.359 5.362A 5.374 5.375 5.376</p> | | |

1 660-1 710 MHz

| Allocation to services | | |
|---|--|----------|
| Region 1 | Region 2 | Region 3 |
| 1 660-1 660.5 | MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY 5.149 5.341 5.351 5.354 5.362A 5.376A | |
| 1 660.5-1 668 | RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 5.341 5.379 5.379A | |
| 1 668-1 668.4 | MOBILE-SATELLITE (Earth-to-space) 5.348C 5.379B 5.379C RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 5.341 5.379 5.379A 5.379D | |
| 1 668.4-1 670 | METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) 5.348C 5.379B 5.379C RADIO ASTRONOMY 5.149 5.341 5.379D 5.379E | |
| 1 670-1 675 | METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE 5.380 MOBILE-SATELLITE (Earth-to-space) 5.348C 5.379B 5.341 5.379D 5.379E 5.380A | |
| 1 675-1 690 | METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.341 | |
| 1 690-1 700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) Fixed Mobile except aeronautical mobile 5.289 5.341 5.382 | 1 690-1 700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) 5.289 5.341 5.381 | |
| 1 700-1 710 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.289 5.341 | 1 700-1 710 FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.289 5.341 5.384 | |

1 710-2 170 MHz

| Allocation to services | | |
|---|--|--|
| Region 1 | Region 2 | Region 3 |
| 1 710-1 930 | FIXED MOBILE 5.380 5.384A 5.388A 5.388B 5.149 5.341 5.385 5.386 5.387 5.388 | |
| 1 930-1 970 FIXED MOBILE 5.388A 5.388B 5.388 | 1 930-1 970 FIXED MOBILE 5.388A 5.388B Mobile-satellite (Earth-to-space) 5.388 | 1 930-1 970 FIXED MOBILE 5.388A 5.388B 5.388 |
| 1 970-1 980 | FIXED MOBILE 5.388A 5.388B 5.388 | |
| 1 980-2 010 | FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A 5.388 5.389A 5.389B 5.389F | |
| 2 010-2 025 FIXED MOBILE 5.388A 5.388B 5.388 | 2 010-2 025 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.388 5.389C 5.389E 5.390 | 2 010-2 025 FIXED MOBILE 5.388A 5.388B 5.388 |
| 2 025-2 110 | SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE 5.391 SPACE RESEARCH (Earth-to-space) (space-to-space) 5.392 | |
| 2 110-2 120 | FIXED MOBILE 5.388A 5.388B SPACE RESEARCH (deep space) (Earth-to-space) 5.388 | |
| 2 120-2 160 FIXED MOBILE 5.388A 5.388B 5.388 | 2 120-2 160 FIXED MOBILE 5.388A 5.388B Mobile-satellite (space-to-Earth) 5.388 | 2 120-2 160 FIXED MOBILE 5.388A 5.388B 5.388 |
| 2 160-2 170 FIXED MOBILE 5.388A 5.388B 5.388 5.392A | 2 160-2 170 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.388 5.389C 5.389E 5.390 | 2 160-2 170 FIXED MOBILE 5.388A 5.388B 5.388 |

2 170-2 520 MHz

| Allocation to services | | |
|--|---|--|
| Region 1 | Region 2 | Region 3 |
| 2 170-2 200 | FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A 5.388 5.389A 5.389F 5.392A | |
| 2 200-2 290 | SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE 5.391 SPACE RESEARCH (space-to-Earth) (space-to-space) 5.392 | |
| 2 290-2 300 | FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth) | |
| 2 300-2 450 FIXED MOBILE Amateur Radiolocation 5.150 5.282 5.395 | 2 300-2 450 FIXED MOBILE RADIOLOCATION Amateur 5.150 5.282 5.393 5.394 5.396 | |
| 2 450-2 483.5 FIXED MOBILE Radiolocation 5.150 5.397 | 2 450-2 483.5 FIXED MOBILE RADIOLOCATION 5.150 5.394 | |
| 2 483.5-2 500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A Radiolocation 5.150 5.371 5.397 5.398 5.399 5.400 5.402 | 2 483.5-2 500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A RADIOLOCATION RADIODETERMINATION- SATELLITE (space-to-Earth) 5.398 5.150 5.402 | 2 483.5-2 500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A RADIOLOCATION Radiodetermination-satellite (space-to-Earth) 5.398 5.150 5.400 5.402 |
| 2 500-2 520 FIXED 5.409 5.410 5.411 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE (space-to-Earth) 5.351A 5.403 5.405 5.407 5.412 5.414 | 2 500-2 520 FIXED 5.409 5.411 FIXED-SATELLITE (space-to-Earth) 5.415 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE (space-to-Earth) 5.351A 5.403 5.404 5.407 5.414 5.415A | |

2 520-2 700 MHz

| Allocation to services | | |
|---|--|---|
| Region 1 | Region 2 | Region 3 |
| <p>2 520-2 655 FIXED 5.409 5.410 5.411 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.413 5.416</p> <p>5.339 5.403 5.405 5.412 5.417C 5.417D 5.418B 5.418C</p> | <p>2 520-2 655 FIXED 5.409 5.411 FIXED-SATELLITE (space-to-Earth) 5.415 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.413 5.416</p> <p>5.339 5.403 5.417C 5.417D 5.418B 5.418C</p> | <p>2 520-2 535 FIXED 5.409 5.411 FIXED-SATELLITE (space-to-Earth) 5.415 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.413 5.416 5.403 5.415A</p> |
| | | <p>2 535-2 655 FIXED 5.409 5.411 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.413 5.416 5.339 5.417A 5.417B 5.417C 5.417D 5.418 5.418A 5.418B 5.418C</p> |
| <p>2 655-2 670 FIXED 5.409 5.410 5.411 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.347A 5.413 5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive)</p> <p>5.149 5.412 5.420</p> | <p>2 655-2 670 FIXED 5.409 5.411 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.347A 5.415 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.347A 5.413 5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive)</p> <p>5.149 5.420</p> | <p>2 655-2 670 FIXED 5.409 5.411 FIXED-SATELLITE (Earth-to-space) 5.415 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.347A 5.413 5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive)</p> <p>5.149 5.420</p> |
| <p>2 670-2 690 FIXED 5.409 5.410 5.411 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE (Earth-to-space) 5.351A Earth exploration-satellite (passive) Radio astronomy Space research (passive)</p> <p>5.149 5.412 5.419 5.420</p> | <p>2 670-2 690 FIXED 5.409 5.411 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.347A 5.415 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE (Earth-to-space) 5.351A Earth exploration-satellite (passive) Radio astronomy Space research (passive)</p> <p>5.149 5.419 5.420</p> | <p>2 670-2 690 FIXED 5.409 5.411 FIXED-SATELLITE (Earth-to-space) 5.415 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE (Earth-to-space) 5.351A Earth exploration-satellite (passive) Radio astronomy Space research (passive)</p> <p>5.149 5.419 5.420 5.420A</p> |
| <p>2 690-2 700</p> | <p>EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.422</p> | |

2 700-4 800 MHz

| Allocation to services | | |
|--|--|---|
| Region 1 | Region 2 | Region 3 |
| 2 700-2 900 | AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation 5.423 5.424 | |
| 2 900-3 100 | RADIOLOCATION 5.424A RADIONAVIGATION 5.426 5.425 5.427 | |
| 3 100-3 300 | RADIOLOCATION Earth exploration-satellite (active) Space research (active) 5.149 5.428 | |
| 3 300-3 400 RADIOLOCATION 5.149 5.429 5.430 | 3 300-3 400 RADIOLOCATION Amateur Fixed Mobile 5.149 5.430 | 3 300-3 400 RADIOLOCATION Amateur 5.149 5.429 |
| 3 400-3 600 FIXED FIXED-SATELLITE (space-to-Earth) Mobile Radiolocation 5.431 | 3 400-3 500 FIXED FIXED-SATELLITE (space-to-Earth) Amateur Mobile Radiolocation 5.433 5.282 5.432 | |
| | 3 500-3 700 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation 5.433 5.435 | |
| 3 600-4 200 FIXED FIXED-SATELLITE (space-to-Earth) Mobile | 3 700-4 200 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile | |
| | | |
| 4 200-4 400 | AERONAUTICAL RADIONAVIGATION 5.438 5.439 5.440 | |
| 4 400-4 500 | FIXED MOBILE | |
| 4 500-4 800 | FIXED FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE | |

4 800-5 570 MHz

| Allocation to services | | |
|-------------------------------|--|-----------------|
| Region 1 | Region 2 | Region 3 |
| 4 800-4 990 | FIXED MOBILE 5.442 Radio astronomy 5.149 5.339 5.443 | |
| 4 990-5 000 | FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive) 5.149 | |
| 5 000-5 010 | AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space) 5.367 | |
| 5 010-5 030 | AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-space) 5.328B 5.443B 5.367 | |
| 5 030-5 150 | AERONAUTICAL RADIONAVIGATION 5.367 5.444 5.444A | |
| 5 150-5 250 | AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) 5.447A MOBILE except aeronautical mobile 5.446A 5.446B 5.446 5.447 5.447B 5.447C | |
| 5 250-5 255 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.447D MOBILE except aeronautical mobile 5.446A 5.447F 5.447E 5.448 5.448A | |
| 5 255- 5 350 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) MOBILE except aeronautical mobile 5.446A 5.447F 5.447E 5.448 5.448A | |
| 5 350-5 460 | EARTH EXPLORATION-SATELLITE (active) 5.448B SPACE RESEARCH (active) 5.448C AERONAUTICAL RADIONAVIGATION 5.449 RADIOLOCATION 5.448D | |
| 5 460-5 470 | RADIONAVIGATION 5.449 EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION 5.448D 5.448B | |
| 5 470-5 570 | MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A 5.450A EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION 5.450B 5.448B 5.450 5.451 | |

5 570-7 250 MHz

| Allocation to services | | |
|--|---|--|
| Region 1 | Region 2 | Region 3 |
| 5 570-5 650 | MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B 5.450 5.451 5.452 | |
| 5 650-5 725 | RADIOLOCATION MOBILE except aeronautical mobile 5.446A 5.450A Amateur Space research (deep space) 5.282 5.451 5.453 5.454 5.455 | |
| 5 725-5 830 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur 5.150 5.451 5.453 5.455 5.456 | 5 725-5 830 RADIOLOCATION Amateur 5.150 5.453 5.455 | |
| 5 830-5 850 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) 5.150 5.451 5.453 5.455 5.456 | 5 830-5 850 RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) 5.150 5.453 5.455 | |
| 5 850-5 925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.150 | 5 850-5 925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Amateur Radiolocation 5.150 | 5 850-5 925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Radiolocation 5.150 |
| 5 925-6 700 | FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B MOBILE 5.149 5.440 5.458 | |
| 6 700-7 075 | FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.441 MOBILE 5.458 5.458A 5.458B 5.458C | |
| 7 075-7 145 | FIXED MOBILE 5.458 5.459 | |
| 7 145-7 235 | FIXED MOBILE SPACE RESEARCH (Earth-to-space) 5.460 5.458 5.459 | |
| 7 235-7 250 | FIXED MOBILE 5.458 | |

7 250-8 500 MHz

| Allocation to services | | |
|-------------------------------|--|-----------------|
| Region 1 | Region 2 | Region 3 |
| 7 250-7 300 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE 5.461 | |
| 7 300-7 450 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.461 | |
| 7 450-7 550 | FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.461A | |
| 7 550-7 750 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile | |
| 7 750-7 850 | FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) 5.461B MOBILE except aeronautical mobile | |
| 7 850-7 900 | FIXED MOBILE except aeronautical mobile | |
| 7 900-8 025 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.461 | |
| 8 025-8 175 | EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A | |
| 8 175-8 215 | EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A | |
| 8 215-8 400 | EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A | |
| 8 400-8 500 | FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) 5.465 5.466 | |

8 500-10 000 MHz

| Allocation to services | | |
|------------------------|---|----------|
| Region 1 | Region 2 | Region 3 |
| 8 500-8 550 | RADIOLOCATION 5.468 5.469 | |
| 8 550-8 650 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.468 5.469 5.469A | |
| 8 650-8 750 | RADIOLOCATION 5.468 5.469 | |
| 8 750-8 850 | RADIOLOCATION AERONAUTICAL RADIONAVIGATION 5.470 5.471 | |
| 8 850-9 000 | RADIOLOCATION MARITIME RADIONAVIGATION 5.472 5.473 | |
| 9 000-9 200 | AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation 5.471 | |
| 9 200-9 300 | RADIOLOCATION MARITIME RADIONAVIGATION 5.472 5.473 5.474 | |
| 9 300-9 500 | RADIONAVIGATION 5.476 Radiolocation 5.427 5.474 5.475 | |
| 9 500-9 800 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active) 5.476A | |
| 9 800-10 000 | RADIOLOCATION Fixed 5.477 5.478 5.479 | |

10-11.7 GHz

| Allocation to services | | |
|--|--|--|
| Region 1 | Region 2 | Region 3 |
| 10-10.45 FIXED MOBILE RADIOLOCATION Amateur 5.479 | 10-10.45 RADIOLOCATION Amateur 5.479 5.480 | 10-10.45 FIXED MOBILE RADIOLOCATION Amateur 5.479 |
| 10.45-10.5 | RADIOLOCATION Amateur Amateur-satellite 5.481 | |
| 10.5-10.55 FIXED MOBILE Radiolocation | 10.5-10.55 FIXED MOBILE RADIOLOCATION | |
| 10.55-10.6 | FIXED MOBILE except aeronautical mobile Radiolocation | |
| 10.6-10.68 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation 5.149 5.482 | |
| 10.68-10.7 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.483 | |
| 10.7-11.7 FIXED FIXED-SATELLITE (space-to-Earth) 5.441 5.484A (Earth-to-space) 5.484 MOBILE except aeronautical mobile | 10.7-11.7 FIXED FIXED-SATELLITE (space-to-Earth) 5.441 5.484A MOBILE except aeronautical mobile | 10.7-11.7 FIXED FIXED-SATELLITE (space-to-Earth) 5.441 5.484A MOBILE except aeronautical mobile |

11.7-14 GHz

| Allocation to services | | |
|--|---|---|
| Region 1 | Region 2 | Region 3 |
| 11.7-12.5 FIXED BROADCASTING BROADCASTING-SATELLITE MOBILE except aeronautical mobile 5.487 5.487A 5.492 | 11.7-12.1 FIXED 5.486 FIXED-SATELLITE (space-to-Earth) 5.484A Mobile except aeronautical mobile 5.485 5.488 | 11.7-12.2 FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE 5.487 5.487A 5.492 |
| | 12.1-12.2 FIXED-SATELLITE (space-to-Earth) 5.484A 5.485 5.488 5.489 | |
| | 12.2-12.7 FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE 5.487A 5.488 5.490 5.492 | 12.2-12.5 FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING 5.484A 5.487 |
| 12.5-12.75 FIXED-SATELLITE (space-to-Earth) 5.484A (Earth-to-space) 5.494 5.495 5.496 | 12.7-12.75 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile | 12.5-12.75 FIXED FIXED-SATELLITE (space-to-Earth) 5.484A MOBILE except aeronautical mobile BROADCASTING-SATELLITE 5.493 |
| 12.75-13.25 | FIXED FIXED-SATELLITE (Earth-to-space) 5.441 MOBILE Space research (deep space) (space-to-Earth) | |
| 13.25-13.4 | EARTH EXPLORATION-SATELLITE (active) AERONAUTICAL RADIONAVIGATION 5.497 SPACE RESEARCH (active) 5.498A 5.499 | |
| 13.4-13.75 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.501A Standard frequency and time signal-satellite (Earth-to-space) 5.499 5.500 5.501 5.501B | |
| 13.75-14 | FIXED-SATELLITE (Earth-to-space) 5.484A RADIOLOCATION Earth exploration-satellite Standard frequency and time signal-satellite (Earth-to-space) Space research 5.499 5.500 5.501 5.502 5.503 | |

14-15.4 GHz

| Allocation to services | | |
|--|---|---|
| Region 1 | Region 2 | Region 3 |
| 14-14.25 | FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.506 5.506B RADIONAVIGATION 5.504 Mobile-satellite (Earth-to-space) 5.504C 5.506A Space research 5.504A 5.505 | |
| 14.25-14.3 | FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.506 5.506B RADIONAVIGATION 5.504 Mobile-satellite (Earth-to-space) 5.506A 5.508A Space research 5.504A 5.505 5.508 5.509 | |
| 14.3-14.4 FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.506A 5.509A Radionavigation-satellite 5.504A | 14.3-14.4 FIXED-SATELLITE (Earth-to-space) 5.457A 5.484A 5.506 5.506B Mobile-satellite (Earth-to-space) 5.506A Radionavigation-satellite 5.504A | 14.3-14.4 FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.484A 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.506A 5.509A Radionavigation-satellite 5.504A |
| 14.4-14.47 | FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.506A 5.509A Space research (space-to-Earth) 5.504A | |
| 14.47-14.5 | FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.509A Radio astronomy 5.149 5.504A | |
| 14.5-14.8 | FIXED FIXED-SATELLITE (Earth-to-space) 5.510 MOBILE Space research | |
| 14.8-15.35 | FIXED MOBILE Space research 5.339 | |
| 15.35-15.4 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.511 | |

15.4-18.4 GHz

| Allocation to services | | |
|---|---|---|
| Region 1 | Region 2 | Region 3 |
| 15.4-15.43 | AERONAUTICAL RADIONAVIGATION 5.511D | |
| 15.43-15.63 | FIXED-SATELLITE (Earth-to-space) 5.511A AERONAUTICAL RADIONAVIGATION 5.511C | |
| 15.63-15.7 | AERONAUTICAL RADIONAVIGATION 5.511D | |
| 15.7-16.6 | RADIOLOCATION 5.512 5.513 | |
| 16.6-17.1 | RADIOLOCATION Space research (deep space) (Earth-to-space) 5.512 5.513 | |
| 17.1-17.2 | RADIOLOCATION 5.512 5.513 | |
| 17.2-17.3 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.512 5.513 5.513A | |
| 17.3-17.7 FIXED-SATELLITE (Earth-to-space) 5.516 (space-to-Earth) 5.516A 5.516B Radiolocation 5.514 | 17.3-17.7 FIXED-SATELLITE (Earth-to-space) 5.516 BROADCASTING-SATELLITE Radiolocation 5.514 5.515 5.517 | 17.3-17.7 FIXED-SATELLITE (Earth-to-space) 5.516 Radiolocation 5.514 |
| 17.7-18.1 FIXED FIXED-SATELLITE (space-to-Earth) 5.484A (Earth-to-space) 5.516 MOBILE | 17.7-17.8 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 5.516 BROADCASTING-SATELLITE Mobile 5.518 5.515 5.517 | 17.7-18.1 FIXED FIXED-SATELLITE (space-to-Earth) 5.484A (Earth-to-space) 5.516 MOBILE |
| | 17.8-18.1 FIXED FIXED-SATELLITE (space-to-Earth) 5.484A (Earth-to-space) 5.516 MOBILE | |
| 18.1-18.4 | FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B (Earth-to-space) 5.520 MOBILE 5.519 5.521 | |

18.4-22 GHz

| Allocation to services | | |
|---|---|--|
| Region 1 | Region 2 | Region 3 |
| 18.4-18.6 | FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B MOBILE | |
| 18.6-18.8 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) 5.522B MOBILE except aeronautical mobile Space research (passive) 5.522A 5.522C | 18.6-18.8 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.522B MOBILE except aeronautical mobile SPACE RESEARCH (passive) 5.522A | 18.6-18.8 EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) 5.522B MOBILE except aeronautical mobile Space research (passive) 5.522A |
| 18.8-19.3 | FIXED FIXED-SATELLITE (space-to-Earth) 5.516.B 5.523A MOBILE | |
| 19.3-19.7 | FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 5.523B 5.523C 5.523D 5.523E MOBILE | |
| 19.7-20.1 FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B Mobile-satellite (space-to-Earth) 5.524 | 19.7-20.1 FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B MOBILE-SATELLITE (space-to-Earth) 5.524 5.525 5.526 5.527 5.528 5.529 | 19.7-20.1 FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B Mobile-satellite (space-to-Earth) 5.524 |
| 20.1-20.2 | FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B MOBILE-SATELLITE (space-to-Earth) 5.524 5.525 5.526 5.527 5.528 | |
| 20.2-21.2 | FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Standard frequency and time signal-satellite (space-to-Earth) 5.524 | |
| 21.2-21.4 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) | |
| 21.4-22 FIXED MOBILE BROADCASTING-SATELLITE 5.347A 5.530 | 21.4-22 FIXED MOBILE | 21.4-22 FIXED MOBILE BROADCASTING-SATELLITE 5.347A 5.530 5.531 |

22-24.75 GHz

| Allocation to services | | |
|---|---|---|
| Region 1 | Region 2 | Region 3 |
| 22-22.21 | FIXED MOBILE except aeronautical mobile 5.149 | |
| 22.21-22.5 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) 5.149 5.532 | |
| 22.5-22.55 | FIXED MOBILE | |
| 22.55-23.55 | FIXED INTER-SATELLITE MOBILE 5.149 | |
| 23.55-23.6 | FIXED MOBILE | |
| 23.6-24 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | |
| 24-24.05 | AMATEUR AMATEUR-SATELLITE 5.150 | |
| 24.05-24.25 | RADIOLOCATION Amateur Earth exploration-satellite (active) 5.150 | |
| 24.25-24.45 FIXED | 24.25-24.45 RADIONAVIGATION | 24.25-24.45 RADIONAVIGATION FIXED MOBILE |
| 24.45-24.65 FIXED INTER-SATELLITE | 24.45-24.65 INTER-SATELLITE RADIONAVIGATION 5.533 | 24.45-24.65 FIXED INTER-SATELLITE MOBILE RADIONAVIGATION 5.533 |
| 24.65-24.75 FIXED INTER-SATELLITE | 24.65-24.75 INTER-SATELLITE RADIOLOCATION- SATELLITE (Earth-to-space) | 24.65-24.75 FIXED INTER-SATELLITE MOBILE 5.533 |

24.75-29.9 GHz

| Allocation to services | | |
|---|---|---|
| Region 1 | Region 2 | Region 3 |
| 24.75-25.25 FIXED | 24.75-25.25 FIXED-SATELLITE (Earth-to-space) 5.535 | 24.75-25.25 FIXED FIXED-SATELLITE (Earth-to-space) 5.535 MOBILE |
| 25.25-25.5 | FIXED INTER-SATELLITE 5.536 MOBILE Standard frequency and time signal-satellite (Earth-to-space) | |
| 25.5-27 | EARTH EXPLORATION-SATELLITE (space-to Earth) 5.536A 5.536B FIXED INTER-SATELLITE 5.536 MOBILE SPACE RESEARCH (space-to-Earth) 5.536A 5.536C Standard frequency and time signal-satellite (Earth-to-space) | |
| 27-27.5 FIXED INTER-SATELLITE 5.536 MOBILE | 27-27.5 FIXED FIXED-SATELLITE (Earth-to-space) INTER-SATELLITE 5.536 5.537 MOBILE | |
| 27.5-28.5 | FIXED 5.537A FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539 MOBILE 5.538 5.540 | |
| 28.5-29.1 | FIXED FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.523A 5.539 MOBILE Earth exploration-satellite (Earth-to-space) 5.541 5.540 | |
| 29.1-29.5 | FIXED FIXED-SATELLITE (Earth-to-space) 5.516B 5.523C 5.523E 5.535A 5.539 5.541A MOBILE Earth exploration-satellite (Earth-to-space) 5.541 5.540 | |
| 29.5-29.9 FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539 Earth exploration-satellite (Earth-to-space) 5.541 Mobile-satellite (Earth-to-space) 5.540 5.542 | 29.5-29.9 FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539 MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) 5.541 5.525 5.526 5.527 5.529 5.540 5.542 | 29.5-29.9 FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539 Earth exploration-satellite (Earth-to-space) 5.541 Mobile-satellite (Earth-to-space) 5.540 5.542 |

29.9-34.2 GHz

| Allocation to services | | |
|---|--|---|
| Region 1 | Region 2 | Region 3 |
| 29.9-30 | FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539 MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) 5.541 5.543 5.525 5.526 5.527 5.538 5.540 5.542 | |
| 30-31 | FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal-satellite (space-to-Earth) 5.542 | |
| 31-31.3 | FIXED 5.543A MOBILE Standard frequency and time signal-satellite (space-to-Earth) Space research 5.544 5.545 5.149 | |
| 31.3-31.5 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | |
| 31.5-31.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 5.546 | 31.5-31.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | 31.5-31.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 |
| 31.8-32 | FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 5.547 5.547B 5.548 | |
| 32-32.3 | FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 5.547 5.547C 5.548 | |
| 32.3-33 | FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547 5.547D 5.548 | |
| 33-33.4 | FIXED 5.547A RADIONAVIGATION 5.547 5.547E | |
| 33.4-34.2 | RADIOLOCATION 5.549 | |

34.2-40 GHz

| Allocation to services | | |
|-------------------------------|--|-----------------|
| Region 1 | Region 2 | Region 3 |
| 34.2-34.7 | RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space) 5.549 | |
| 34.7-35.2 | RADIOLOCATION Space research 5.550 5.549 | |
| 35.2-35.5 | METEOROLOGICAL AIDS RADIOLOCATION 5.549 | |
| 35.5-36 | METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.549 5.549A | |
| 36-37 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.149 | |
| 37-37.5 | FIXED MOBILE SPACE RESEARCH (space-to-Earth) 5.547 | |
| 37.5-38 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth) 5.547 | |
| 38-39.5 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth exploration-satellite (space-to-Earth) 5.547 | |
| 39.5-40 | FIXED FIXED-SATELLITE (space-to-Earth) 5.516B MOBILE MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth) 5.547 | |

40-47.5 GHz

| Allocation to services | | |
|---|--|---|
| Region 1 | Region 2 | Region 3 |
| 40-40.5 | EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) 5.516B MOBILE MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to-Earth) | |
| 40.5-41 FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE Mobile 5.547 | 40.5-41 FIXED FIXED-SATELLITE (space-to-Earth) 5.516B BROADCASTING BROADCASTING-SATELLITE Mobile Mobile-satellite (space-to-Earth) 5.547 | 40.5-41 FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE Mobile 5.547 |
| 41-42.5 | FIXED FIXED-SATELLITE (space-to-Earth) 5.516B BROADCASTING BROADCASTING-SATELLITE Mobile 5.547 5.551F 5.551H 5.551I | |
| 42.5-43.5 | FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 5.547 | |
| 43.5-47 | MOBILE 5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554 | |
| 47-47.2 | AMATEUR AMATEUR-SATELLITE | |
| 47.2-47.5 | FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE 5.552A | |

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|--------------------|---|
| 51.4-52.6 | FIXED MOBILE 5.547 5.556 |
| 52.6-54.25 | EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340 5.556 |
| 54.25-55.78 | EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive) 5.556B |

55.78-66 GHz

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|-------------------------------|-----------------|-----------------|
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |

| | |
|-------------------|---|
| 55.78-56.9 | EARTH EXPLORATION-SATELLITE (passive) FIXED 5.557A INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547 5.557 |
| 56.9-57 | EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.558A MOBILE 5.558 SPACE RESEARCH (passive) 5.547 5.557 |
| 57-58.2 | EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547 5.557 |
| 58.2-59 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.547 5.556 |
| 59-59.3 | EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 RADIOLOCATION 5.559 SPACE RESEARCH (passive) |
| 59.3-64 | FIXED INTER-SATELLITE MOBILE 5.558 RADIOLOCATION 5.559 5.138 |
| 64-65 | FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.547 5.556 |
| 65-66 | EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH 5.547 |

66-81 GHz

| Allocation to services | | |
|------------------------|--|----------|
| Region 1 | Region 2 | Region 3 |
| 66-71 | INTER-SATELLITE MOBILE 5.553 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554 | |
| 71-74 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) | |
| 74-76 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth) 5.559A 5.561 | |
| 76-77.5 | RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth) 5.149 | |
| 77.5-78 | AMATEUR AMATEUR-SATELLITE Radio astronomy Space research (space-to-Earth) 5.149 | |
| 78-79 | RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space research (space-to-Earth) 5.149 5.560 | |
| 79-81 | RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth) 5.149 | |

81-86 GHz

| Allocation to services | | |
|------------------------|----------|----------|
| Region 1 | Region 2 | Region 3 |

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|--------------|--|
| 81-84 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Space research (space-to-Earth) 5.149 5.561A |
| 84-86 | FIXED FIXED-SATELLITE (Earth-to-space) 5.561B MOBILE RADIO ASTRONOMY 5.149 |

86-111.8 GHz

| Allocation to services | | |
|-------------------------------|---|-----------------|
| Region 1 | Region 2 | Region 3 |
| 86-92 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | |

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|--------------------|---|
| 92-94 | FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149 |
| 94-94.1 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy 5.562 5.562A |
| 94.1-95 | FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149 |
| 95-100 | FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.554 |
| 100-102 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341 |
| 102-105 | FIXED MOBILE RADIO ASTRONOMY 5.149 5.341 |
| 105-109.5 | FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341 |
| 109.5-111.8 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341 |

111.8-119.98 GHz

| Allocation to services | | |
|-------------------------------|--|-----------------|
| Region 1 | Region 2 | Region 3 |
| 111.8-114.25 | FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341 | |
| 114.25-116 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341 | |
| 116-119.98 | EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.341 | |

119.98-151.5 GHz

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|-------------------------------|
| Allocation to services |
|-------------------------------|

| Region 1 | Region 2 | Region 3 |
|----------------------|--|----------|
| 119.98-122.25 | EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.138 5.341 | |
| 122.25-123 | FIXED INTER-SATELLITE MOBILE 5.558 Amateur 5.138 | |
| 123-130 | FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy 5.562D 5.149 5.554 | |
| 130-134 | EARTH EXPLORATION-SATELLITE (active) 5.562E FIXED INTER-SATELLITE MOBILE 5.558 RADIO ASTRONOMY 5.149 5.562A | |
| 134-136 | AMATEUR AMATEUR-SATELLITE Radio astronomy | |
| 136-141 | RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149 | |
| 141-148.5 | FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149 | |
| 148.5-151.5 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | |

151.5-158.5 GHz

| Allocation to services | | |
|------------------------|---|----------|
| Region 1 | Region 2 | Region 3 |
| 151.5-155.5 | FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149 | |
| 155.5-158.5 | EARTH EXPLORATION-SATELLITE (passive) 5.562F FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.562G | |

158.5-202 GHz

| Allocation to services | | |
|------------------------|---|----------|
| Region 1 | Region 2 | Region 3 |
| 158.5-164 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) | |
| 164-167 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | |
| 167-174.5 | FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE 5.558 5.149 5.562D | |
| 174.5-174.8 | FIXED INTER-SATELLITE MOBILE 5.558 | |
| 174.8-182 | EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive) | |
| 182-185 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | |
| 185-190 | EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive) | |
| 190-191.8 | EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340 | |
| 191.8-200 | FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.341 5.554 | |
| 200-202 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341 5.563A | |

202-248 GHz

| Allocation to services | | |
|-------------------------------|--|-----------------|
| Region 1 | Region 2 | Region 3 |
| 202-209 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341 5.563A | |
| 209-217 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149 5.341 | |
| 217-226 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341 | |
| 226-231.5 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | |
| 231.5-232 | FIXED MOBILE Radiolocation | |
| 232-235 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation | |
| 235-238 | EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) SPACE RESEARCH (passive) 5.563A 5.563B | |
| 238-240 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE | |
| 240-241 | FIXED MOBILE RADIOLOCATION | |
| 241-248 | RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.138 5.149 | |

248-1 000 GHz

| Allocation to services | | |
|------------------------|--|----------|
| Region 1 | Region 2 | Region 3 |
| 248-250 | AMATEUR AMATEUR-SATELLITE Radio astronomy 5.149 | |
| 250-252 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.563A | |
| 252-265 | FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.554 | |
| 265-275 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149 5.563A | |
| 275-1 000 | (Not allocated) 5.565 | |