

Chapter 1 - FREQUENCY ALLOCATION TABLE

2. FREQUENCY ALLOCATION TABLE

Column 1: FREQUENCY BANDS

Indicates the frequency band referred to in each line of the table.

Column 2: RR ALLOCATIONS (Art. 5) APPLYING TO PORTUGAL

Contains for each frequency band:

- Allocations of RR's Art. 5 applying to Portugal
- Notes of Art. 5 applying to Portugal;

Column 3: NATIONAL APPLICATIONS

Authorized services / systems in Portugal (highlighted in '**bold**' if any use is being made).

Column 4: NOTES

Used plannings;
Relevant national and international standards;
Band use constraints;
Other relevant information.

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Below 9 | (Not allocated) 5.53, 5.54 | | |
| 9 - 14 | RADIONAVIGATION | SRD - Inductive systems: car immobilizers (9-59.750 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |
| 14 - 19.95 | FIXED MARITIME MOBILE 5.57 5.56 | SRD - Inductive systems: car immobilizers (9-59.750 kHz) SRD - Wireless systems for medical applications (9-135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 Government |
| 19.95 - 20.05 | STANDARD FREQUENCY AND TIME SIGNAL (20 kHz) | SRD - Inductive systems: car immobilizers (9-59.750 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 Government |
| 20.05 - 70 | FIXED MARITIME MOBILE 5.57 5.56 | SRD - Inductive systems: car immobilizers (9-59.750 kHz) (59.750- 60.250 kHz) (60.250-70 kHz) SRD - Wireless systems for medical applications (9-135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 Government |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 70 - 72 | RADIONAVIGATION 5.60 | SRD - Inductive systems: car immobilizers (70-119 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |
| 72 - 84 | FIXED MARITIME MOBILE 5.57 RADIONAVIGATION 5.60 5.56 | SRD - Inductive systems: car immobilizers (70-119 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |
| 84 - 86 | RADIONAVIGATION 5.60 | SRD - Inductive systems: car immobilizers (70-119 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |
| 86 - 90 | FIXED MARITIME MOBILE 5.57 RADIONAVIGATION 5.56 | SRD - Inductive systems: car immobilizers (70-119kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 90 - 110 | RADIONAVIGATION 5.62 FIXED 5.64 | LORAN-C System (RV) (100 kHz) SRD - Inductive systems: car immobilizers (70-119kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |
| 110 - 112 | FIXED MARITIME MOBILE RADIONAVIGATION 5.64 | SRD - Inductive systems: car immobilizers (70-119 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |
| 112 - 115 | RADIONAVIGATION 5.60 | SRD - Inductive systems: car immobilizers (70-119 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |
| 115 - 117.6 | RADIONAVIGATION 5.60 FIXED MARITIME MOBILE 5.64 | SRD - Inductive systems: car immobilizers (70-119 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 117.6 - 126 | FIXED MARITIME MOBILE RADIONAVIGATION 5.60 5.64 | SRD - Inductive systems: car immobilizers (70-119 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |
| 126 - 129 | RADIONAVIGATION 5.60 | SRD - Inductive systems: car immobilizers (119-135 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |
| 129 - 130 | FIXED MARITIME MOBILE RADIONAVIGATION 5.60 5.64 | SRD - Inductive systems: car immobilizers (119-135 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 130 - 148.5 | FIXED MARITIME MOBILE 5.64 | SRD - Inductive systems: car immobilizers (119-135 kHz) SRD - Wireless systems for medical applications (9- 135 kHz) Amateur (135.7-137.8 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)13 ERC/REC 70-03 Annex 12 ERC/REC 62-01 Government (137.8-148.5 kHz) |
| 148.5 - 255 | BROADCASTING | | |
| 255 - 283.5 | BROADCASTING AERONAUTICAL RADIONAVIGATION | NDB - Radio beacons (RVA) | ICAO - (Annex 10) |
| 283.5 - 315 | AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (Radio beacons) 5.73 5.74 | NDB - Radio beacons (RVA) Differential GPS System (RV) (285-325 kHz) NDB - Radio beacons (RVM) | ICAO - (Annex 10) GE-85 (Radio beacons) |
| 315 - 325 | AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (Radio beacons) 5.73 | NDB - Radio beacons (RVA) Differential GPS System (RV) (285-325 kHz) | ICAO - (Annex 10) |
| 325 - 405 | AERONAUTICAL RADIONAVIGATION | NDB and LOCATOR - Radio beacons (RVA) | ICAO - (Annex 10) |
| 405 - 415 | RADIONAVIGATION 5.76 | | |
| 415 - 435 | MARITIME MOBILE 5.79 AERONAUTICAL RADIONAVIGATION | Maritime Mobile (MM) NDB and LOCATOR - Radio beacons (RVA) | GE-85 ICAO - (Annex 10) |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 435 - 495 | MARITIME MOBILE 5.79, 5.79A AERONAUTICAL RADIONAVIGATION 5.82 | Maritime mobile (MM) NAVTEX - International System (MM) (490 kHz) SRD - Avalanche Victim Detection (457 kHz) | GE-85 ERC/REC 70-03 Annex 2 ECC/DEC/(04)01 Government |
| 495 - 505 | MOBILE (distress and calling) 5.83 | Mobile (MOV) | RR Ap. S13 (RR 3010): 500 kHz |
| 505 - 526.5 | MARITIME MOBILE 5.79, 5.79A, 5.84 AERONAUTICAL RADIONAVIGATION | Maritime mobile (MM) NAVTEX - International System (MM) (518 kHz) NDB - Radio beacons (RVA) (510-526.5 kHz) | GE-85 ICAO - (Annex 10) |
| 526.5 - 1606.5 | BROADCASTING | SOUND BROADCASTING (RAD) | GE-75 |
| 1606.5 - 1625 | FIXED MARITIME MOBILE 5.90 LAND MOBILE 5.92 | Maritime mobile (MM) | GE-85 Government |
| 1625 - 1635 | RADIOLOCATION | | |
| 1635 - 1800 | FIXED MARITIME MOBILE 5.90 LAND MOBILE 5.92 | Maritime mobile (MM) | GE-85 Government (1715-1800 kHz) |
| 1800 - 1810 | RADIOLOCATION | | |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------|
| 1810 - 1850 | AMATEUR 5.100 | Amateur (AM)-(1830-1850 kHz) | |
| 1850 - 2000 | FIXED MOBILE except aeronautical mobile 5.92, 5.103 | | Government |
| 2000 - 2025 | FIXED MOBILE except aeronautical mobile (R) 5.92, 5.103 | | Government |
| 2025 - 2045 | FIXED MOBILE except aeronautical mobile (R) Meteorological aids 5.104 5.92, 5.103 | | Government |
| 2045 - 2160 | FIXED MARITIME MOBILE LAND MOBILE 5.92 | Maritime mobile (MM) | GE-85 Government (2140-2160 kHz) |
| 2160 - 2170 | RADIOLOCATION | | |
| 2170 - 2173.5 | MARITIME MOBILE | | |
| 2173.5 - 2190.5 | MOBILE (distress and calling) 5.108, 5.109, 5.110, 5.111 | MOBILE (distress and calling) | RR Ap. 13: 2174.5 kHz; 2182 kHz e 2187.5 kHz |
| 2190.5 - 2194 | MARITIME MOBILE | Maritime mobile (MM) | |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------|
| 2194 - 2300 | FIXED MOBILE except aeronautical mobile (R) 5.92, 5.103 | | Government |
| 2300 - 2498 | FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 5.103 | | Government |
| 2498 - 2501 | STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz) | | |
| 2501 - 2502 | STANDARD FREQUENCY AND TIME SIGNAL Space research | | |
| 2502 - 2625 | FIXED MOBILE except aeronautical mobile (R) 5.92, 5.103 | | Government |
| 2625 - 2650 | MARITIME MOBILE MARITIME RADIONAVIGATION 5.92 | | Government |
| 2650 - 2850 | FIXED MOBILE except aeronautical mobile (R) 5.92, 5.103 | Fixed (FIX) Maritime mobile (MOV) | Government |
| 2850 - 3025 | AERONAUTICAL MOBILE (R) 5.111, 5.115 | Aeronautical mobile (MAR) | RR Ap.27 |
| 3025 - 3155 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | RR Ap. 26 Government |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------|
| 3155 - 3200 | FIXED MOBILE except aeronautical mobile (R) 5.116 | Fixed (FIX) Mobile (MOV) | Government |
| 3200 - 3230 | FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 5.116 | Fixed (FIX) Mobile (MOV) | |
| 3230 - 3400 | FIXED MOBILE except aeronautical mobile BROADCASTING 5.113 5.116 | Fixed (FIX) Mobile (MOV) | Government (3375-3400 kHz) |
| 3400 - 3500 | AERONAUTICAL MOBILE (R) | Aeronautical mobile (MAR) | RR Ap. 27 |
| 3500 - 3800 | AMATEUR FIXED MOBILE except aeronautical mobile 5.92 | Amateur (AM) Fixed (FIX) Mobile (MOV) | |
| 3800 - 3900 | FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE | Fixed (FIX) Aeronautical mobile (MAOR) Land Mobile (MT) | Government |
| 3900 - 3950 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | RR Ap. 26 Government |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 3950 - 4000 | FIXED BROADCASTING | Fixed (FIX) | Government |
| 4000 - 4063 | FIXED MARITIME MOBILE 5.127 | Fixed (FIX) | Government |
| 4063 - 4438 | MARITIME MOBILE 5.79A, 5.109, 5.110, 5.130, 5.131, 5.132 5.129 | Maritime mobile (MM) NAVTEX - International System (MM) (4209.5 kHz) | RR Ap. 13 RR Ap. 17 RR Ap. 25 Government (4152-4172 kHz; 4221-4351 kHz) |
| 4438 - 4650 | FIXED MOBILE except aeronautical mobile (R) | Fixed (FIX) Mobile (MOV) | Government |
| 4650 - 4700 | AERONAUTICAL MOBILE (R) | Aeronautical mobile (MAR) | RR Ap. 27 |
| 4700 - 4750 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | RR Ap. 26 Government |
| 4750 - 4850 | FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE BROADCASTING 5.113 | Fixed (FIX) Aeronautical mobile (MAOR) | Government |
| 4850 - 4995 | FIXED LAND MOBILE BROADCASTING 5.113 | Fixed (FIX) Land Mobile (MT) | Government |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------|
| 4995 - 5003 | STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz) | | |
| 5003 - 5005 | STANDARD FREQUENCY AND TIME SIGNAL Space research | | |
| 5005 - 5060 | FIXED BROADCASTING 5.113 | Fixed (FIX) | Government |
| 5060 - 5250 | FIXED MOBILE except aeronautical mobile | Fixed (FIX) | Government |
| 5250 - 5450 | FIXED MOBILE except aeronautical mobile | Fixed (FIX) | Government |
| 5450 - 5480 | FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE | Fixed (FIX) Aeronautical mobile (MAOR) | RR Ap. 26 Government |
| 5480 - 5680 | AERONAUTICAL MOBILE (R) 5.111, 5.115 | Aeronautical mobile (MAR) | RR Ap. 27 |
| 5680 - 5730 | AERONAUTICAL MOBILE (OR) 5.111, 5.115 | Aeronautical mobile (MAOR) | RR Ap. 26 Government |
| 5730 - 5900 | FIXED LAND MOBILE | Fixed (FIX) | Government |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5900 - 5950 | BROADCASTING 5.134 5.136 | | Extension band for HFBC, as from 1.4.2007 (RR Art. 12) |
| 5950 - 6200 | BROADCASTING | Sound broadcasting (RAD) | RR Art. 12 |
| 6200 - 6525 | MARITIME MOBILE 5.109, 5.110, 5.130, 5.132 5.137 | Maritime Mobile (MM) | RR Ap. 13 RR Ap. 17 RR Ap. 25 Government (6233-6261 kHz; 6332.5-6501 kHz) |
| 6525 - 6685 | AERONAUTICAL MOBILE (R) | Aeronautical mobile (MAR) | RR Ap. 27 |
| 6685 - 6765 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | RR Ap. 26 Government |
| 6765 - 7000 | FIXED MOBILE except aeronautical mobile (R) LAND MOBILE 5.138, 5.138A | Fixed (FIX) Land Mobile (MT) ISM - Industrial, scientific and medical applications (6765-6795 kHz) SRD - Non-specific applications (6765-6795 kHz) SRD - Inductive applications (6765-6795 kHz) | As from 29/3/2009 Until 29/3/2009 ERC/REC 70-03 Annex 1 ERC/DEC/(01)01 ERC/REC 70-03 Annex 9 ERC/DEC/(01)14 Government (6795-7000 kHz) |
| 7000 - 7100 | AMATEUR AMATEUR-SATELLITE | Amateur (AM) | |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7100 - 7200 | BROADCASTING 5.141C AMATEUR | Sound broadcasting (RAD) Amateur | To be abandoned on 29/3/2009 ECC/REC 05-05 |
| 7200 - 7300 | BROADCASTING | Sound broadcasting (RAD) | RR Art. 12 |
| 7300 - 7350 | BROADCASTING 5.134 FIXED 5.143 Land Mobile 5.143 | Sound broadcasting (RAD) Fixed (FIX) | Extension band for HFBC, as from 1/4/2007 (RR Art. 12) |
| 7350 - 7450 | BROADCASTING FIXED 5.143B Land Mobile 5.143B | Sound broadcasting (RAD) Fixed (FIX) SRD - Inductive applications (7400-8800 kHz) | RR Art. 12 (usable only as from 29/3/2009) ERC/REC 70-03 Annex 9 ERC/DEC/(01)15 |
| 7450 - 8100 | FIXED 5.143E MOBILE except aeronautical mobile (R) Land Mobile 5.143E | Fixed (FIX) SRD - Inductive applications (7400-8800 kHz) | To be abandoned on 29/3/2009 To be abandoned on 29/3/2009 ERC/REC 70-03 Annex 9 ERC/DEC/(01)15 Government (7757-8100 kHz) |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 8100 - 8195 | FIXED MARITIME MOBILE | Fixed (FIX) Maritime mobile (MM) SRD - Inductive applications (7400-8800 kHz) | ERC/REC 70-03 Annex 9 ERC/DEC/(01)15 Government |
| 8195 - 8815 | MARITIME MOBILE 5.109, 5.110, 5.132, 5.145 5.111 | Maritime mobile (MM) SRD - Inductive applications (7400-8800 kHz) | RR Ap. 13 RR Ap. 17 RR Ap. 25 ERC/REC 70-03 Annex 9 ERC/DEC/(01)15 Government (8300-8340 kHz; 8438-8707 kHz) |
| 8815 - 8965 | AERONAUTICAL MOBILE (R) | Aeronautical mobile (MAR) | RR Ap. 27 |
| 8965 - 9040 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | RR Ap. 26 Government |
| 9040 - 9400 | FIXED | Fixed (FIX) | Government |
| 9400 - 9500 | BROADCASTING 5.134 5.146 | | Extension band for HFBC, as from 1.4.2007 (RR Art. 12) |
| 9500 - 9900 | BROADCASTING 5.147 | Sound broadcasting (RAD) | RR Art. 12 |
| 9900 - 9995 | FIXED | Fixed (FIX) | Government |
| 9995 - 10003 | STANDARD FREQUENCY AND TIME SIGNAL (10000 kHz) 5.111 | | |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------|
| 10003 - 10005 | STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111 | | |
| 10005 - 10100 | AERONAUTICAL MOBILE (R) 5.111 | Aeronautical mobile (MAR) | RR Ap. 27 |
| 10100 - 10150 | FIXED Amateur | Fixed (FIX) Amateur (AM) | |
| 10150 - 11175 | FIXED MOBILE except aeronautical mobile (R) | Fixed (FIX) | Government |
| 11175 - 11275 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | RR Ap. 26 Government |
| 11275 - 11400 | AERONAUTICAL MOBILE (R) | Aeronautical mobile (MAR) | RR Ap. 27 |
| 11400 - 11600 | FIXED | Fixed (FIX) | Government |
| 11600 - 11650 | BROADCASTING 5.134 5.146 | | Extension band for HFBC, as from 1.4.2007 (RR Art. 12) |
| 11650 - 12050 | BROADCASTING 5.147 | Sound broadcasting (RAD) | RR Art. 12 |
| 12050 - 12100 | BROADCASTING 5.134 5.146 | | Extension band for HFBC, as from 1.4.2007 (RR Art. 12) |
| 12100 - 12230 | FIXED | Fixed (FIX) | Government |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 12230 - 13200 | MARITIME MOBILE 5.109, 5.110, 5.132, 5.145 | Maritime mobile (MM) | RR Ap. 13 RR Ap. 17 RR Ap. 25 Government (12368-12420 kHz; 12658.5-13077 kHz) |
| 13200 - 13260 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | RR Ap. 26 Government |
| 13260 - 13360 | AERONAUTICAL MOBILE (R) | Aeronautical mobile (MAR) | RR Ap. 27 |
| 13360 - 13410 | FIXED RADIO ASTRONOMY 5.149 | Fixed (FIX) | |
| 13410 - 13570 | FIXED Mobile except aeronautical mobile (R) 5.150 | Fixed (FIX) Mobile (MOV) ISM - Industrial, scientific and medical applications (13553-13567 kHz) SRD - Non-specific applications (13553-13567 kHz) SRD - Inductive applications(13553-13567 kHz) | ERC/REC 70-03 Annex 1 ERC/DEC/(01)01 ERC/REC 70-03 Annex 9 ERC/DEC/(01)14 Government (13410-13450 kHz; 13495-13515 kHz) |
| 13570 - 13600 | BROADCASTING 5.134 5.151 | | Extension band for HFBC, as from 1.4.2007 (RR Art. 12) |
| 13600 - 13800 | BROADCASTING | Sound broadcasting (RAD) | RR Art. 12 |

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| 13800 - 13870 | BROADCASTING 5.134 5.151 | | Extension band for HFBC, as from 1.4.2007 (RR Art. 12) |
| 13870 - 14000 | FIXED MOBILE except aeronautical mobile (R) | Fixed (FIX) | Government (13870-13914 kHz) |
| 14000 - 14250 | AMATEUR AMATEUR-SATELLITE | Amateur (AM) | |
| 14250 - 14350 | AMATEUR | Amateur (AM) | |
| 14350 - 14990 | FIXED MOBILE except aeronautical mobile (R) | Fixed (FIX) | Government (14604-14670 kHz) |
| 14990 - 15005 | STANDARD FREQUENCY AND TIME SIGNAL (15000 kHz) 5.111 | | |
| 15005 - 15010 | STANDARD FREQUENCY AND TIME SIGNAL Space research | | |
| 15010 - 15100 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | RR Ap. 26 Government |
| 15100 - 15600 | BROADCASTING | Sound broadcasting (RAD) | RR Art.. 12 |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------|
| 15600 - 15800 | BROADCASTING 5.134 5.146 | | Extension band for HFBC, as from 1.4.2007 (RR Art. 12) |
| 15800 - 16360 | FIXED | Fixed (FIX) | Government (16180-16231 kHz) |
| 16360 - 17410 | MARITIME MOBILE 5.109, 5.110, 5.132, 5.145 | Maritime Mobile (MM) | RR Ap. 13 RR Ap. 17 RR Ap. 25 Government (16549-16617 kHz; 16904.5-17242 kHz) |
| 17410 - 17480 | FIXED | Fixed (FIX) | Government (17410-17452 kHz) |
| 17480 - 17550 | BROADCASTING 5.134 5.146 | | Extension band for HFBC, as from 1.4.2007 (RR Art. 12) |
| 17550 - 17900 | BROADCASTING | Sound broadcasting (RAD) | RR Art. 12 |
| 17900 - 17970 | AERONAUTICAL MOBILE (R) | Aeronautical mobile (MAR) | RR Ap. 27 |
| 17970 - 18030 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | RR Ap. 26 Government |
| 18030 - 18052 | FIXED | Fixed (FIX) | |
| 18052 - 18068 | FIXED Space research | | |
| 18068 - 18168 | AMATEUR AMATEUR-SATELLITE | Amateur (AM) | |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
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| 18168 - 18780 | FIXED Mobile except AERONAUTICAL MOBILE | Fixed (FIX) | Government (18249-18373 kHz) |
| 18780 - 18900 | MARITIME MOBILE | | RR Ap. 17 Government (18846-18870 kHz) |
| 18900 - 19020 | BROADCASTING 5.134 5.146 | | Extension band for HFBC, as from 1.4.2007 (RR Art. 12) |
| 19020 - 19680 | FIXED | Fixed (FIX) | Government (19020-19120 kHz) |
| 19680 - 19800 | MARITIME MOBILE 5.132 | Maritime Mobile (MM) | RR Ap. 17 Government (19705-19755 kHz) |
| 19800 - 19990 | FIXED | Fixed (FIX) | |
| 19990 - 19995 | STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111 | | |
| 19995 - 20010 | STANDARD FREQUENCY AND TIME SIGNAL (20000 kHz) 5.111 | | |
| 20010 - 21000 | FIXED Mobile | Fixed (FIX) Mobile (MOV) | Government (20442-20680 kHz) |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
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| 21000 - 21450 | AMATEUR AMATEUR-SATELLITE | Amateur (AM) | |
| 21450 - 21850 | BROADCASTING | Sound broadcasting (RAD) | RR Art. 12 |
| 21850 - 21870 | FIXED | Fixed (FIX) | |
| 21870 - 21924 | FIXED 5.155B | | |
| 21924 - 22000 | AERONAUTICAL MOBILE (R) | | RR Ap. 27 |
| 22000 - 22855 | MARITIME MOBILE 5.132 | Maritime Mobile (MM) | RR Ap. 17 RR Ap. 25 Government (22180-22240 kHz; 22445.5-22696 kHz) |
| 22855 - 23000 | FIXED | Fixed (FIX) | Government (22900-23000 kHz) |
| 23000 - 23200 | FIXED Mobile except aeronautical mobile (R) | Fixed (FIX) Mobile (MOV) | |
| 23200 - 23350 | FIXED 5.156A AERONAUTICAL MOBILE (OR) | Aeronautical mobile (MAOR) | Government |
| 23350 - 24000 | FIXED Mobile except aeronautical mobile5.157 | Fixed (FIX) | |
| 24000 - 24890 | FIXED LAND MOBILE | Fixed (FIX) | Government (24125-24325 kHz) |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|---------------------------------|-----------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------|
| 24890 - 24990 | AMATEUR AMATEUR-SATELLITE | Amateur (AM) | |
| 24990 - 25005 | STANDARD FREQUENCY AND TIME SIGNAL (25000 kHz) | | |
| 25005 - 25010 | STANDARD FREQUENCY AND TIME SIGNAL Space research | | |
| 25010 - 25070 | FIXED MOBILE except aeronautical mobile | | |
| 25070 - 25210 | MARITIME MOBILE | Maritime Mobile (MM) | RR Ap. 17 RR Ap. 25 Government (25121-25161.25 kHz) |
| 25210 - 25550 | FIXED MOBILE except aeronautical mobile | FIXED (FIX) | |
| 25550 - 25670 | RADIO ASTRONOMY 5.149 | | |
| 25670 - 26100 | BROADCASTING | Sound broadcasting (RAD) | RR Art. 12 |
| 26100 - 26175 | MARITIME MOBILE 5.132 | Maritime Mobile (MM) | RR Ap. 17 Government (26122.5-26145 kHz) |

| FREQUENCY BAND (kHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26175 - 27500 | <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> <p>5.150</p> | <p>Fixed (FIX)</p> <p>Mobile (MOV)</p> <p>SCPP - Local Radio Paging (MOV) (27155 kHz; 27165 kHz; 27175 kHz; 27185 kHz; 27225 kHz)</p> <p>ISM - Industrial, scientific and medical applications (26957-27283 kHz)</p> <p>SRD - Non-specific applications (26957-27283 kHz)</p> <p>SRD - Railway applications (27095 kHz)</p> <p>SRD - Model control (26995 kHz 27045 kHz; 27095 kHz; 27145 kHz; 27195 kHz)</p> <p>SRD - Inductive applications (26957-27283 kHz)</p> <p>CB (26965-27405 kHz)</p> | <p>Local paging</p> <p>ERC/REC 70-03 Annex 1, ERC/DEC/(01)02</p> <p>ERC/REC 70-03 Annex 4,</p> <p>ERC/REC 70-03 Annex 8 ERC/DEC/(01)10</p> <p>ERC/REC 70-03 Annex 9 ERC/DEC/(01)16</p> <p>CEPT Rec. T/R 20-09</p> <p>Government (26870-26957 kHz)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 27.5 - 28 | METEOROLOGICAL AIDS FIXED MOBILE | CT0 - Cordless telephones (27. 5375-27.8375 MHz) (MOV) | Government (27.85-28 MHz) |
| 28 - 29.7 | AMATEUR AMATEUR-SATELLITE | Amateur (AM) | |
| 29.7 - 30.005 | FIXED MOBILE | SMT - Private mobile radio (MOV) SRD - Short range and narrowband equipment for telecommand, telemetry, telealarm and data transmission, for use outside ISM bands (29.980 MHz; 29.990 MHz; 30.000 MHz) | 40 MHz plan |
| 30.005 - 3.,01 | SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH | SMT - Private mobile radio (MOV) | 40 MHz plan |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 30.01 - 37.5 | FIXED MOBILE | SMT - Private mobile radio (MOV) CT0 - Cordless telephones (36.9875-37.2875 MHz) (MOV) SRD - Telecommand for flying models (34.995-35.225 MHz) SRD - Short range and narrowband equipment for telecommand, telemetry, telealarm and data transmission, for use outside ISM bands (30.100 MHz) | 40 MHz plan ERC/REC 70-03 Annex 8 ERC/DEC/(01)11 Government (30.0375-33.0875 MHz; 35.8625-36.9625 MHz; 37.3125-39.7625 MHz) |
| 37.5 - 38.25 | FIXED MOBILE Radio astronomy 5.149 | SMT - Private mobile radio (MOV) | 40 MHz plan Government |
| 38.25 - 39.986 | FIXED MOBILE | SMT - Private mobile radio (MOV) | 40 MHz plan Government (37.3125-39.7625 MHz) |
| 39.986 - 40.02 | FIXED MOBILE Space research | SMT - Private mobile radio (MOV) | 40 MHz plan |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 40.02 - 40.98 | FIXED MOBILE 5.150 | SMT - Private mobile radio (MOV) SCPP - Private radio paging (MOV) (40.680 MHz) ISM - Industrial, scientific and medical applications (40.66-40.7 MHz) Non-specific applications (40.66-40.7 MHz); SRD - Model control (40.665 MHz, 40.675 MHz, 40.685 MHz, 40.695 MHz) | 40 MHz plan Local paging ERC/REC 70-03 Annex 1, ERC/DEC/(01)03 ERC/REC 70-03 Annex 8 ERC/DEC/(01)12 |
| 40.98 - 41.015 | FIXED MOBILE Space research | SMT - Private mobile radio (MOV) | Government |
| 41.015 - 44 | FIXED MOBILE | SMT - Private mobile radio (MOV) | Government |
| 44 - 47 | FIXED MOBILE Radiolocation 5.162A | SMT - Private mobile radio (MOV) | Use limited to the 46-68 MHz band and only for wind profile radars Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 47 - 68 | BROADCASTING Radiolocation 5.162A | Analogue television broadcasting (RAD) Amateur (50-50.5 MHz) | Band I (47-68 MHz) (channels 2 a 4) ST-61 Use limited to the 46-68 MHz band and only for wind profile radars Government (47.25-49.5 MHz; 50.5-51 MHz; 54-68 MHz) |
| 68 - 74.8 | FIXED MOBILE except aeronautical mobile 5.149 | SMT - Private mobile radio (MOV) | 80 MHz plan Government (68.8875-69.8625 MHz; 73.3-74.1 MHz) |
| 74.8 - 75.2 | AERONAUTICAL RADIONAVIGATION 5.180 | Aeronautical radionavigation aids - ILS system marker beacons (RVA) | ICAO - (Annex 10) |
| 75.2 - 87.5 | FIXED MOBILE except aeronautical mobile | SMT - Private mobile radio (MOV) | 80 MHz plan Government (75.2125-77.65 MHz; 79.4125-80.3875 MHz; 83.8250-84.6250 MHz; 85.7375-87.4875 MHz) |
| 87.5 - 108 | BROADCASTING | Sound broadcasting (RAD) SRD - Cordless audio systems | Band II - FM GE-84 ERC/REC 70-03 (Annex 13) |
| 108 - 117.975 | AERONAUTICAL RADIONAVIGATION 5.197A | Aeronautical radionavigation aids - VOR and ILS systems localizer (RVA) | ICAO - (Annex 10) |
| 117.975 - 137 | AERONAUTICAL MOBILE (R) 5.111, 5.198, 5.199, 5.200, 5.203 | Aeronautical mobile (MAR) | ICAO - (Annex 10) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 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) 5.208 | Mobile-satellite (MV-S) (137-138 MHz) | |
| 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) 5.208 | METEOSAT - Meteorological satellite for low resolution picture transmission - LRPT (MET-S) Mobile-satellite (MV-S) (137-138 MHz) | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 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) 5.208 | METEOSAT - Meteorological satellite for low resolution picture transmission - LRPT (MET-S) Automatic picture transmission system - APT (MET-S) (137.5-137.62 MHz) Mobile-satellite (MV-S) (137-138 MHz) | Will replace APT system |
| 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) 5.208 | METEOSAT - Meteorological satellite for low resolution picture transmission - LRPT (MET-S) Mobile-satellite (MV-S) (137-138 MHz) | |
| 138 - 143.6 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (OR) (MAOR) | Government |
| 143.6 - 143.65 | AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space-to-Earth) | Aeronautical mobile (OR) (MAOR) | Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 143.65 - 144 | AERONAUTICAL MOBILE (OR) | Aeronautical mobile (OR) (MAOR) | Government |
| 144 - 146 | AMATEUR AMATEUR-SATELLITE | Amateur (AM) (144-145.8 MHz) Amateur-satellite (AM-S) (145.8-146 MHz) POSAT-1 (AM-S) (145.925 MHz; 145.975 MHz) | |
| 146 - 148 | FIXED MOBILE except aeronautical mobile (R) | Fixed (FIX) Mobile (MOV) | Government (146.0125-148.400 MHz) |
| 148 - 149.9 | FIXED MOBILE except aeronautical mobile (R) MOBILE-SATELLITE (Earth-to-space) 5.209 SPACE OPERATION (Earth-to-space) 5.218 5.219, 5.221 | SMT - Private mobile radio (MOV) Mobile-satellite (MV-S) (148-150.05 MHz) POSAT-1 (148.285 MHz; 148.585 MHz) | 160 MHz plan Low-Earth orbit satellite, subject to provision RR 4.4 Government (146.0125-148.400 MHz; 149.0125-149.8875 MHz) |
| 149.9 - 150.05 | MOBILE-SATELLITE (Earth-to-space) 5.209, 5.224A RADIONAVIGATION-SATELLITE 5.224B 5.220, 5.222, 5.223 | Mobile-satellite (MV-S) (148-150.05 MHz) | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
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| 150.05 - 153 | FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 | SMT - Private mobile radio (MOV) SRD - Short range and narrowband equipment for telecommand, telemetry, telealarm and data transmission (150.9375 MHz; 150.9500 MHz) | 160 MHz plan Government (150.5375-150.8875; 151.2-151.9875 MHz) |
| 153 - 154 | FIXED MOBILE except aeronautical mobile (R) Meteorological aids | SMT - Private mobile radio (MOV) | 160 MHz plan Government (153.6125-154.650 MHz) |
| 154 - 156.7625 | FIXED MOBILE except aeronautical mobile (R) 5.226, 5.227 | SMT - Private mobile radio (MOV) SMM - Maritime mobile networks (156-156.7625 MHz) (MOV) Coast-to-ship communications for differential GPS (MOV); frequencies: 156.075 MHz (ship station) and 160.675 MHz (coast station) SRD - Short range and narrowband equipment for telecommand, telemetry, telealarm and data transmission (155.5375 MHz; 155.5500 MHz) | 160 MHz plan RR Ap. 18 RR Ap. 13: 156.525 MHz RR Ap. 18 - channel 61 Government (153.6125-154.650 MHz; 155.1375-155.4875 MHz; 155.8-155.9875 MHz) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
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| 156.7625 - 156.8375 | MARITIME MOBILE (distress and calling) 5.111, 5.226 | Maritime mobile (MM) | RR Ap. 18 RR Ap. 13: 156.8 MHz |
| 156.8375 - 174 | FIXED MOBILE except aeronautical mobile (R) 5.226 | SMT - Private mobile radio (MOV) SCPP - Local radio paging (MOV) (169.175 MHz) SCP - National radio paging (MOV) (164.925 MHz; 167.200 MHz; 167.325 MHz; 167.375 MHz) SMM - Maritime mobile service networks (MOV) (156.8375-158.0125 MHz) (160.6125-162.6125 MHz) SRD - Alarms (169.4750-169.4875 MHz) SRD - Radio microphones (173.965-174.015 MHz) | 160 MHz plan Local paging National paging RR Ap. 18 and national planning ERC/REC 70-03 Annex 7 ERC/REC 70-03 Annex 10 |
| 174 - 223 | BROADCASTING | Analogue television broadcasting (RAD) T-DAB - Sound broadcasting (RAD) (219-230 MHz) SAP/SAB Applications SRD - Radio microphones (173.965-174.015 MHz; 174-216 MHz) | Band III (174-216 MHz) (channels 5 to 10) ST-61 Wiesbaden Agreement 1995 ERC/REC 70-03 Annex 10 |
| 223 - 230 | BROADCASTING FIXED Mobile | T-DAB - Sound broadcasting (RAD) (219-230 MHz) | 1995 Wiesbaden Agreement Government (225-230 MHz) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------|-----------------------|------------|
| 230 - 235 | FIXED MOBILE | | Government |
| 235 - 267 | FIXED MOBILE 5.111, 5.199, 5.254, 5.256 | | Government |
| 267 - 272 | FIXED MOBILE SPACE OPERATION (space-to-Earth) 5.254, 5.257 | | Government |
| 272 - 273 | SPACE OPERATION (space-to-Earth) FIXED MOBILE 5.254 | | Government |
| 273 - 312 | FIXED MOBILE 5.254 | | Government |
| 312 - 315 | FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.254, 5.255 | | Government |
| 315 - 322 | FIXED MOBILE 5.254 | | Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 322 - 328.6 | FIXED MOBILE RADIO ASTRONOMY 5.149 | | Government |
| 328.6 - 335.4 | AERONAUTICAL RADIONAVIGATION 5.258 | Aeronautical radionavigation aid - ILS system glide path (RVA) | ICAO - (Annex 10) |
| 335.4 - 387 | FIXED MOBILE 5.254 | SIRESP (380-383 MHz) | 383-385 MHz extension sub-band reserved for future SIRESP use ERC/DEC/(01)19 (DMO) ERC/DEC/(01)20 (AGA) Government |
| 387 - 390 | FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.208A, 5.254, 5.255 | | Government |
| 390 - 399.9 | FIXED MOBILE 5.254 | SIRESP (390-393 MHz) | 393-395 MHz extension sub-band reserved for future SIRESP use ERC/DEC/(01)19 (DMO) ERC/DEC/(01)20 (AGA) Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 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 | | |
| 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) 5.264 | | |
| 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 | DORIS System (401.25 MHz ± 350 Hz) DCP - Meteorological data collecting system (MET-S) (401.9 MHz ± 200 kHz) | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 402 - 403 | <p>METEOROLOGICAL AIDS</p> <p>EARTH EXPLORATION-SATELLITE (Earth-to-space)</p> <p>METEOROLOGICAL-SATELLITE (Earth-to-space)</p> <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> | <p>DCP - Meteorological data collecting system (MET-S) (401.9 MHz ± 200 kHz)</p> <p>SRD - Active medical implants (402-405 MHz)</p> | <p>ERC/REC 70-03 Annex 12 ERC/DEC/(01)17</p> |
| 403 - 406 | <p>METEOROLOGICAL AIDS</p> <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> | <p>Radio probes (METAX)</p> <p>SRD - Wireless systems for medical applications (402-405 MHz)</p> | <p>ERC/REC 70-03 Annex 12 ERC/DEC/(01)17</p> |
| 406 - 406.1 | <p>MOBILE-SATELLITE (Earth-to-space)</p> <p>5.266, 5.267</p> | <p>COSPAS - SARSAT low-power radio beacons (MV-S)</p> | <p>RR Ap.13</p> |
| 406.1 - 410 | <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> <p>RADIO ASTRONOMY</p> <p>5.149</p> | <p>Single channel links (FIX)</p> | <p>Simple channel links plan: Simplex links</p> <p>Government (408.7875-409.9875 MHz)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 410 - 420 | <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> <p>SPACE RESEARCH (space-to-space) 5.268</p> | <p>Simple channel links (FIX)</p> <p>TETRA</p> | <p>Simple channel links plan: Duplex links</p> <p>ERC/DEC/(96)04 - Some channels in the 413-417.6 MHz sub-band</p> <p>Government (417.5875-418.5875 MHz)</p> |
| 420 - 430 | <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> <p>Radiolocation</p> | <p>Simple channel links (FIX)</p> <p>TETRA</p> <p>POSAT-1 (429.450 MHz; 429.520 MHz; 429.880 MHz; 429.950 MHz)</p> | <p>Simple channel links plan: Duplex links</p> <p>ERC/DEC/(96)04 - Some channels in the 423-427.6 MHz sub-band</p> <p>Low-Earth orbit satellite, subject to provision RR 4.4</p> <p>Government (427.5875-428.5875 MHz)</p> |
| 430 - 432 | <p>AMATEUR</p> <p>RADIOLOCATION</p> | <p>Amateur (AM)</p> | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 432 - 438 | AMATEUR Amateur-satellite 5.282 RADIOLOCATION Earth exploration-satellite (active) 5.279A 5.138, 5.280 | Amateur (AM) (430-435 MHz) Amateur-satellite (AM-S) (435-438 MHz) ISM - Industrial, scientific and medical applications (433.05-434.79 MHz) Non-specific applications (433.05-434.79 MHz) | The amateur satellite uses secondary allocations in the 435-438 MHz band, according to provision RR 5.282 ERC/REC 70-03 Annex 1 ECC/DEC/(04)02 |
| 438 - 440 | AMATEUR RADIOLOCATION | Amateur (AM) | |
| 440 - 450 | FIXED MOBILE except aeronautical mobile Radiolocation 5.286 | SMT - Private mobile radio (MOV) Analogue PMR446 (446-446.1 MHz) Digital PMR446 (446.1-446.2 MHz) | 440-450 MHz plan ERC/DEC/(98)25 ECC/DEC/(05)12 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 450 - 455 | <p>FIXED</p> <p>MOBILE</p> <p>5.209, 5.286, 5.286A, 5.286B, 5.286C</p> | <p>Fixed (FIX) - PMP applications (RAS 1000) (454.8185-457.4875 MHz; 464.8125-467.4875 MHz)</p> <p>SMT - Private mobile radio (MOV)</p> <p>SMRP - Mobile trunking service (MOV) (frequencies assigned in the 450.0125-451.3875 MHz sub-band)</p> <p>CDMA 450 (453-457.45 MHz)</p> <p>TETRA</p> | <p>450 MHz plan</p> <p>MPT 1327</p> <p>ECC/DEC/(04)06</p> <p>ERC/DEC/(96)04 Some channels in the 450-470 MHz band</p> |
| 455 - 456 | <p>FIXED</p> <p>MOBILE</p> <p>5.209, 5.286A, 5.286B, 5.286C</p> | <p>Fixed (FIX) - PMP applications (RAS 1000) (454.8185-457.4875 MHz; 464.8125-467.4875 MHz)</p> <p>SMT - Private mobile radio (MOV)</p> <p>CDMA 450 (453-457.45 MHz)</p> <p>TETRA</p> | <p>450 MHz plan</p> <p>ECC/DEC/(04)06</p> <p>ERC/DEC/(96)04 Some channels in the 450-470 MHz band</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 456 - 459 | <p>FIXED</p> <p>MOBILE</p> <p>5.287</p> | <p>Fixed (FIX) - PMP applications (RAS 1000) (454.8185-457.4875 MHz; 464.8125-467.4875 MHz)</p> <p>SMT - Private mobile radio (MOV)</p> <p>Maritime on board communications (457.525 MHz; 457.5375 MHz; 457.550 MHz; 457.5625 MHz; 457.575 MHz) (MOV)</p> <p>CDMA 450 (453 -457.45 MHz)</p> <p>TETRA</p> <p>SRD - Short range and narrowband equipment for telecommand, telemetry, telealarm and data transmission (458.1125 MHz; 458.1250 MHz; 458.1375 MHz; 458.1500 MHz)</p> | <p>450 MHz plan</p> <p>ECC/DEC/(04)06</p> <p>ERC/DEC/(96)04 Some channels in the 450-470 MHz band</p> <p>Government (458.2125-459.3625 MHz)</p> |
| 459 - 460 | <p>FIXED</p> <p>MOBILE</p> <p>5.209, 5.286A, 5.286B, 5.286C</p> | <p>SMT - Private mobile radio (MOV)</p> <p>SCPP - Local paging (MOV) (459.650 MHz)</p> <p>TETRA</p> | <p>450 MHz plan</p> <p>Local paging</p> <p>ERC/DEC/(96)04 Some channels in the 450-470 MHz band</p> <p>Government (458.2125-459.3625 MHz)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
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| 460 - 470 | <p>FIXED</p> <p>MOBILE</p> <p>METEOROLOGICAL-SATELLITE (space-to-Earth)</p> <p>5.287, 5.289</p> | <p>Fixed (FIX) - PMP applications (RAS 1000) (454.8185-457.4875 MHz; 464.8125-467.4875 MHz)</p> <p>SMT - Private mobile radio (MOV)</p> <p>SMRP - Mobile trunking service (MOV) (frequencies assigned in the 460.0125 - 461.3875 MHz sub-band)</p> <p>SCPP - Local paging service (MOV) (468.1125 MHz; 468.1250 MHz; 469.275 MHz)</p> <p>ECAR - Coverage equipment in restricted area (468.15 MHz; 468.1375 MHz)</p> <p>Maritime on board communications (467.525 MHz; 467.5375 MHz; 467.550 MHz; 467.5625 MHz; 467.575 MHz) (MOV)</p> <p>CDMA 450 (463 -467.45 MHz)</p> <p>TETRA</p> | <p>450 MHz plan</p> <p>MPT 1327</p> <p>Local paging</p> <p>ECC/DEC/(04)06</p> <p>ERC/DEC/(96)04 Some channels in the 450-470 MHz band</p> <p>Government (468.2125-469.2125 MHz; 469.3625-469.5875 MHz)</p> |
| 470 - 790 | <p>BROADCASTING</p> <p>Land Mobile (5.296)</p> <p>5.149, 5.306, 5.311</p> | <p>Analogue television broadcasting (RAD)</p> <p>DVB-T - Digital television broadcasting (470-582 MHz and 582-862 MHz) (RAD)</p> <p>SAP/SAB applications SRD - Radio microphones (470-862 MHz)</p> | <p>Bands IV (470-582 MHz) and V (582-822 MHz) (channels 21 to 64) ST-61</p> <p>Band IV (some channels between 23 and 34) and Band V (some channels between 35 and 69)</p> <p>Broadcasting aids ERC/REC 70-03 Annex 10</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 790 - 862 | <p>FIXED</p> <p>BROADCASTING</p> <p>MOBILE except aeronautical mobile 5.316, 5.317A</p> | <p>Analogue television broadcasting (RAD)</p> <p>DVB-T - Digital television broadcasting (582-862 MHz) (RAD)</p> <p>SAP/SAB applications SRD - Radio microphones (470-862 MHz)</p> | <p>Band V (582-822 MHz) (channels 35 to 64)</p> <p>Band V (some channels between 35 and 69)</p> <p>ERC/REC 70-03 Annex 10</p> |
| 862 - 890 | <p>FIXED</p> <p>MOBILE except aeronautical mobile 5.317A</p> | <p>SRD - Non-specific applications (863.0-870 MHz)</p> <p>SRD - Alarms (868.6-868.7 MHz), (869.250-869.400 MHz), (869.650-869.700 MHz)</p> <p>SRD - Community alarms (869.2-869.25 MHz)</p> <p>SRD - Radio microphones (863-865 MHz)</p> <p>SRD - Wireless audio applications (863-865 MHz)</p> <p>SRD - RFID (865-868 MHz)</p> | <p>CEPT Rec. T/R 75-02 (862-960 MHz)</p> <p>ERC/DEC/(97)02: GSM extension band (880-890/925-935 MHz)</p> <p>ERC/REC 70-03 Annex 1 ERC/DEC/(01)04</p> <p>ERC/REC 70-03 Annex 7 ERC/DEC/(01)09</p> <p>ERC/REC 70-03 Annex 7 ERC/DEC/(97)06</p> <p>ERC/REC 70-03 Annex 10</p> <p>ERC/REC 70-03 Annex 13 ERC/DEC/(01)18</p> <p>ERC/REC 70-03 Annex 11</p> <p>Government (873-878 MHz)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 890 - 942 | <p>FIXED</p> <p>MOBILE except aeronautical mobile 5.317 A</p> <p>Radiolocation</p> | <p>GSM - Global system for mobile communications (MOV) (890-914 MHz/ 935-959 MHz)</p> <p>CT1 - Cordless telephones (MOV) (914-915 MHz)</p> | <p>CEPT Rec. T/R 75-02 (862-960 MHz)</p> <p>ERC/DEC/(94)01</p> <p>Directive 87/372/EEC CEPT Rec. T/R 20-08</p> <p>ERC/DEC/(97)02: GSM extension band (880-890/925-935 MHz)</p> <p>(914-915 MHz; 959-960 MHz) ECC/DEC/(01)01 (to be abandoned until 2008)</p> <p>Government (918-923 MHz)</p> |
| 942 - 960 | <p>FIXED</p> <p>MOBILE except aeronautical mobile 5.317A</p> | <p>GSM - Global system for mobile communications (MOV) (890-914 MHz/ 935-959 MHz)</p> <p>CT1 - Cordless telephones (MOV) (959-960 MHz)</p> | <p>CEPT Rec. T/R 75-02 (862-960 MHz)</p> <p>ERC/DEC/(94)01 Directive 87/372/EEC CEPT Rec. T/R 20-08</p> <p>(914-915 MHz; 959-960 MHz) ECC/DEC/(01)01 (to be abandoned until 2008)</p> |
| 960 - 1164 | <p>AERONAUTICAL RADIONAVIGATION 5.328</p> | <p>Navigation, safety and flight systems - DME, TACAN, SSR (RVA)</p> | |
| 1164 - 1215 | <p>AERONAUTICAL RADIONAVIGATION 5.328</p> <p>RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B</p> <p>5.328A</p> | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------|
| 1215 - 1240 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) 5.329, 5.329A (space-to-space) 5.328B SPACE RESEARCH (active) RADIONAVIGATION (5.331) 5.332 | GPS - Global Positioning System (RVA-S) | |
| 1240 - 1300 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) 5.329, 5.329A, (space-to-space) 5.328B SPACE RESEARCH (active) Amateur RADIONAVIGATION (5.331) 5.282, 5.332, 5.335A | Amateur (AM) | |
| 1300 - 1350 | AERONAUTICAL RADIONAVIGATION 5.337 RADIOLOCATION RADIONAVIGATION-SATELLITE (Earth-to-space) 5.149, 5.337A | Radars (RVA; RLC) | |
| 1350 - 1400 | FIXED MOBILE RADIOLOCATION 5.149, 5.339, 5.339A | Fixed links (FIX) | CEPT Rec. T/R 13-01 Annex A (1350-1375 MHz) and Annex B (1375-1400 MHz) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1400 - 1427 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.341 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 1427 - 1429 | SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile 5.341 | Fixed links (FIX) | 1.5 GHz band CEPT Rec. T/R 13-01 Annex B (1427-1452 MHz) |
| 1429 - 1452 | FIXED MOBILE except aeronautical mobile 5.341, 5.339A | Fixed links (FIX) | 1.5 GHz band (1429-1525 MHz) (planning to be abandoned) CEPT Rec. T/R 13-01 Annex B (1427-1452 MHz) |
| 1452 - 1492 | FIXED MOBILE except aeronautical mobile BROADCASTING 5.345, 5.347 Broadcasting-satellite 5.345, 5.347, 5.347A 5.341 | Fixed links (FIX) | 1.5 GHz band (1429-1525 MHz) (planning to be abandoned) T-DAB - Sound broadcasting (RAD) (1452-1479.5 MHz) Primary statute as from 1/4/2007 2002 Maastricht Agreement S-DAB: Sound broadcasting-satellite (RAD-S) (1479.5-1492 MHz) Primary statute as from 1/4/2007 ECC/DEC/(03)02 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 1492 - 1518 | <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> <p>5.341</p> | <p>Fixed links (FIX)</p> <p>STL - Studio transmitter links (FIX) (1517-1525 MHz)</p> | <p>1.5 GHz band (1429-1525 MHz) (planning to be abandoned) CEPT Rec. T/R 13-01 Annex A (1492-1517 MHz)</p> |
| 1518 - 1525 | <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> <p>MOBILE-SATELLITE (space-to-Earth) 5.348, 5.348C</p> <p>5.341</p> | <p>Fixed links (FIX)</p> <p>STL - Studio transmitter links (FIX) (1517-1525 MHz)</p> | <p>1.5 GHz band (1429-1525 MHz) (planning to be abandoned)</p> |
| 1525 - 1530 | <p>SPACE OPERATION (space-to-Earth)</p> <p>FIXED</p> <p>MOBILE-SATELLITE (space-to-Earth) 5.347A, 5.351A</p> <p>Earth exploration satellite</p> <p>MOBILE except aeronautical mobile</p> <p>5.341, 5.351, 5.354</p> | <p>Mobile-satellite (1525-1544 MHz)</p> | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 1530 - 1533 | 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, 5.351, 5.354, 5.347A | Mobile-satellite (1525-1544 MHz) | |
| 1533 - 1535 | 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, 5.351, 5.354, 5.347A | Mobile-satellite (1525-1544 MHz) | |
| 1535 - 1544 | MOBILE-SATELLITE (space-to-Earth) 5.347A, 5.351 5.341, 5.351, 5.353A, 5.354 | Mobile-satellite (1525-1544 MHz) | |
| 1544 - 1545 | MOBILE-SATELLITE (space-to-Earth) 5.347A, 5.351A 5.341, 5.354, 5.356 | Distress and safety satellite systems, including GMDSS (MV-S) | Band limited to distress and safety systems |
| 1545 - 1559 | MOBILE-SATELLITE (space-to-Earth) 5.347A, 5.351A 5.341, 5.351, 5.354, 5.357, 5.357A | Maritime mobile-satellite (MM-S) Distress and safety satellite systems, including GMDSS (MV-S) | Band limited to distress and safety systems |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1559 - 1610 | <p>AERONAUTICAL RADIONAVIGATION</p> <p>RADIONAVIGATION-SATELLITE (space-to-Earth) 5.329A, (space-to-space) 5.328B</p> <p>5.341</p> | <p>GPS - Global Positioning System (RVA-S)</p> | |
| 1610 - 1610.6 | <p>MOBILE-SATELLITE (Earth-to-space) 5.351A</p> <p>AERONAUTICAL RADIONAVIGATION</p> <p>5.341, 5.364, 5.366, 5.367, 5.368, 5.371, 5.372</p> | <p>S-PCS (1610-1626.5 MHz)</p> | <p>ERC/DEC/(97)03</p> |
| 1610.6 - 1613.8 | <p>MOBILE-SATELLITE (Earth-to-space) 5.351A</p> <p>RADIO ASTRONOMY</p> <p>AERONAUTICAL RADIONAVIGATION</p> <p>5.149, 5.341, 5.364, 5.366, 5.367, 5.368, 5.371, 5.372</p> | <p>S-PCS (1610-1626.5 MHz)</p> | <p>ERC/DEC/(97)03</p> <p>Important band to the radio astronomy service in Europe</p> |
| 1613.8 - 1626.5 | <p>MOBILE-SATELLITE (Earth-to-space) 5.347A, 5.351A</p> <p>AERONAUTICAL RADIONAVIGATION</p> <p>MOBILE-SATELLITE (space-to-Earth)</p> <p>5.341, 5.364, 5.365, 5.366, 5.367, 5.368, 5.371</p> | <p>S-PCS (1610-1626.5 MHz)</p> | <p>ERC/DEC/(97)03</p> |
| 1626.5 - 1631.5 | <p>MOBILE-SATELLITE (Earth-to-space) 5.351A</p> <p>5.341, 5.351, 5.353A, 5.354</p> | <p>Maritime mobile-satellite (MM-S)</p> | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------|
| 1631.5 - 1636.5 | MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341, 5.351, 5.353A, 5.354, 5.374 | Maritime mobile-satellite (MM-S) | |
| 1636.5 - 1645.5 | MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341, 5.351, 5.353A, 5.354 | Land mobile-satellite (MT-S) | |
| 1645.5 - 1646.5 | MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341, 5.354, 5.375 | Distress and safety satellite systems, including GMDSS (MV-S) | Band limited to distress and safety systems |
| 1646.5 - 1656.5 | MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341, 5.351, 5.354, 5.357A, 5.376 | Mobile-satellite (MV-S) | |
| 1656.5 - 1660 | MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341, 5.351, 5.354, 5.359, 5.374 | Mobile-satellite (MV-S) | |
| 1660 - 1660.5 | MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY 5.149, 5.341, 5.351, 5.354, 5.376A | Mobile-satellite (MV-S) | Important band to the radio astronomy service in Europe |
| 1660.5 - 1668 | RADIO ASTRONOMY SPACE RESEARCH (passive) FIXED MOBILE except aeronautical mobile 5.149, 5.341, 5.379A | | Important band to the radio astronomy service in Europe |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------|
| 1668 - 1668.4 | 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, 5.379A, 5.379D | | Important band to the radio astronomy service in Europe |
| 1668.4 - 1670 | METEOROLOGICAL AIDS FIXED MOBILE-SATELLITE (Earth-to-space) 5.348C, 5.379B, 5.379C MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149, 5.341, 5.379D, 5.379E | | Important band to the radio astronomy service in Europe |
| 1670 - 1675 | 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 | | ECC/DEC/(02)07 (for harmonized use of the 1670-1675 MHz and 1800-1805 MHz bands) ECC/DEC/(04)08 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------|
| 1675 - 1690 | METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.341 | | Government |
| 1690 - 1700 | METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) FIXED MOBILE except aeronautical mobile 5.289, 5.341 | METEOSAT - Meteorological satellites for high resolution picture transmission - HRPT (MET-S) | |
| 1700 - 1710 | FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.289, 5.341 | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1710 - 1930 | <p>FIXED</p> <p>MOBILE 5.380, 5.384A, 5.388A</p> <p>5.149, 5.341, 5.385, 5.388</p> | <p>DCS 1800 - Digital communications system (1710-1785 MHz; 1805-1880 MHz)</p> <p>DECT - European digital wireless telecommunications system (MOV); (1880-1900 MHz)</p> <p>IMT-2000 - International mobile telecommunications - 2000 (MOV); (1900-1980 MHz / 2110-2170 MHz)</p> <p>SRD - Transmitter microphones (1785.7-1799.4 MHz)</p> | <p>ERC/DEC/(95)03 CEPT Rec. T/R 22-07</p> <p>ERC/DEC/(94)03 Directive 91/287/EEC CEPT Rec. T/R 22-02</p> <p>Bands 1885-2025 MHz and 2110-2200 MHz designated by WARC-1992 ERC/DEC/(97)07 (Terrestrial component: 1900-1980 MHz; 2010-2025 MHz; 2110-2170 MHz)</p> <p>ECC/DEC(02)07 (for harmonized use of the 1670-1675 MHz and 1800-1805 MHz bands)</p> <p>ERC/REC 70-03 Annex 10</p> |
| 1930 - 1970 | <p>FIXED</p> <p>MOBILE 5.388A</p> <p>5.388</p> | <p>IMT-2000 - International mobile telecommunications- 2000 (MOV); (1900-1980 MHz / 2110-2170 MHz)</p> | <p>Bands 1885-2025 MHz and 2110-2200 MHz designated by WARC-1992 ERC/DEC/(97)07 (Terrestrial component: 1900-1980 MHz; 2010-2025 MHz; 2110-2170 MHz)</p> |
| 1970 - 1980 | <p>FIXED</p> <p>MOBILE 5.388A</p> <p>5.388</p> | <p>IMT-2000 - International mobile telecommunications- 2000 (MOV); (1900-1980 MHz / 2110-2170 MHz)</p> | <p>Bands 1885-2025 MHz and 2110-2200 MHz designated by WARC-1992 ERC/DEC/(97)07 (Terrestrial component: 1900-1980 MHz; 2010-2025 MHz; 2110-2170 MHz)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1980 - 2010 | FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A 5.388, 5.389A | S-PCS (1980-2010 MHz) | IMT-2000 - International mobile telecommunications- 2000 (MOV) Bands 1885-2025 MHz and 2110-2200 MHz designated by WARC-1992 ERC/DEC/(97)07 (Satellite component: 1980-2010 MHz; 2170-2200 MHz) ERC/DEC/(97)03 |
| 2010 - 2025 | FIXED MOBILE 5.388A 5.388 | | IMT-2000 - International mobile telecommunications- 2000 (MOV) Bands 1885-2025 MHz and 2110-2200 MHz designated by WARC-1992 ERC/DEC/(97)07 (Terrestrial component: 1900-1980 MHz; 2010-2025 MHz; 2110-2170 MHz) |
| 2025 - 2110 | 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 | TCR - Tracking, control and ranging (OE) DORIS system (2036.25 MHz ± 400 Hz) Fixed links (FIX) SAP/SAB applications (video links) (2070-2110 MHz) | 2 GHz band CEPT Rec. T/R 13-01 Annex C (2025-2110 MHz) ERC/REC 25-10 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2110 - 2120 | <p>FIXED</p> <p>MOBILE 5.388A</p> <p>SPACE RESEARCH (deep space) (Earth-to-space)</p> <p>5.388</p> | <p>IMT-2000 - International mobile telecommunications- 2000 (MOV)</p> | <p>Bands 1885-2025 MHz and 2110-2200MHz designated by WARC-1992 ERC/DEC/(97)07 (Terrestrial component: 1900-1980 MHz; 2010-2025 MHz; 2110-2170 MHz)</p> |
| 2120 - 2170 | <p>FIXED</p> <p>MOBILE 5.388A</p> <p>5.388</p> | <p>IMT-2000 - International mobile telecommunications- 2000 (MOV)</p> | <p>Bands 1885-2025 MHz and 2110-2200 MHz designated by WARC-1992 ERC/DEC/(97)07 (Terrestrial component: 1900-1980 MHz; 2010-2025 MHz; 2110-2170 MHz)</p> |
| 2170 - 2200 | <p>FIXED</p> <p>MOBILE</p> <p>MOBILE-SATELLITE (space-to-Earth) 5.351</p> <p>5.388, 5.389A</p> | <p>S-PCS (2170-2200 MHz)</p> | <p>IMT-2000 - International mobile telecommunications- 2000 (MOV) Bands 1885-2025 MHz and 2110-2200 MHz designated by WARC-1992 ERC/DEC/(97)07 (Satellite component: 1980-2010 MHz; 2170-2200 MHz)</p> <p>ERC/DEC/(97)03</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 2200 - 2290 | 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 | TCR - Tracking, control and ranging (OE) Fixed links (FIX) SAP/SAB applications (video links) (2245-2500 MHz) | 2 GHz band CEPT Rec. T/R 13-01 Annex C (2200-2290 MHz) ERC/REC 25-10 |
| 2290 - 2300 | FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth) | SAP/SAB applications (video links) (2245-2500 MHz) | ERC/REC 25-10 |
| 2300 - 2400 | FIXED MOBILE Amateur Radiolocation | Amateur SAP/SAB applications (video links) (2245-2500 MHz) | ERC/REC 25-10 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2400 - 2450 | FIXED MOBILE Amateur Amateur-satellite 5.282 Radiolocation 5.150 | Amateur SAP/SAB applications (video links) (2245-2500 MHz) ISM - Industrial, scientific and medical applications (2400-2500 MHz) Non-specific applications (2400-2483.5 MHz) SRD - WLANs (2400-2483.5 MHz) SRD - Movement detection and alert applications (2400-2483.5 MHz) SRD - RFID (2446-2454 MHz) | ERC/REC 25-10 ERC/REC 70-03 Annex 1 ERC/DEC/(01)05 ERC/REC 70-03 Annex 3 ERC/DEC/(01)07 ERC/REC 70-03 Annex 6 ERC/DEC/(01)08 ERC/REC 70-03 Annex 11 |
| 2450 - 2483.5 | FIXED MOBILE Radiolocation 5.150 | SAP/SAB applications (video links) (2245-2500 MHz) ISM - Industrial, scientific and medical applications (2400-2500 MHz) Non-specific applications (2400-2483.5 MHz) SRD - WLANs (2400-2483.5 MHz) SRD - Movement detection and alert applications (2400-2483.5 MHz) SRD - RFID (2446-2454 MHz) SRD - Railway applications (2446-2454 MHz) | ERC/REC 25-10 ERC/REC 70-03 Annex 1, ERC/DEC/(01)05 ERC/REC 70-03 Annex 3 ERC/DEC/(01)07 ERC/REC 70-03 Annex 6 ERC/DEC/(01)08 ERC/REC 70-03 Annex 11 ERC/REC 70-03 Annex 4 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2483.5 - 2500 | <p>FIXED</p> <p>MOBILE</p> <p>MOBILE-SATELLITE (space-to-Earth) 5.351A</p> <p>Radiolocation</p> <p>5.150, 5.371, 5.398, 5.399, 5.402</p> | <p>S-PCS (2483.5-2500 MHz)</p> <p>SAP/SAB applications (video links) (2245-2500 MHz)</p> <p>ISM - Industrial, scientific and medical applications (2400-2500 MHz)</p> | <p>ERC/DEC/(97)03</p> <p>IMT-2000 : RES 225 (WRC 2000): Satellite component: 2483.5-2500 MHz)</p> <p>ERC/REC 25-10</p> |
| 2500 - 2520 | <p>FIXED 5.409, 5.410, 5.411</p> <p>MOBILE except aeronautical mobile 5.384A</p> <p>MOBILE-SATELLITE (space-to-Earth) 5.403, 5.351A</p> <p>5.414</p> | <p>MMDS (2500-2690 MHz)</p> <p>SAP/SAB applications (video links) (2500-2690 MHz)</p> | <p>Microwave multipoint distribution system (MDR)</p> <p>ECC/DEC/(02)06 (2500-2690 MHz UMTS/IMT2000)</p> <p>(Planning to be abandoned until 31.12.2006)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2520 - 2655 | <p>FIXED 5.409, 5.410, 5.411</p> <p>MOBILE except aeronautical mobile 5.384A</p> <p>BROADCASTING-SATELLITE 5.413, 5.416</p> <p>5.339, 5.403, 5.417C, 5.417D, 5.418B, 5.418C</p> | <p>MMDS (2500-2690 MHz)</p> <p>SAP/SAB applications (video links) (2500-2690 MHz)</p> | <p>Microwave multipoint distribution system (MDR)</p> <p>ECC/DEC/(02)06 (2500-2690 MHz UMTS/IMT2000)</p> <p>(Planning to be abandoned until 31.12.2006)</p> |
| 2655 - 2670 | <p>FIXED 5.409, 5.410, 5.411</p> <p>MOBILE except aeronautical mobile 5.384A</p> <p>BROADCASTING-SATELLITE 5.413, 5.416</p> <p>Earth exploration - satellite (passive)</p> <p>Radio astronomy</p> <p>Space research (passive)</p> <p>5.149, 5.347A, 5.420</p> | <p>MMDS (2500-2690 MHz)</p> <p>SAP/SAB applications (video links) (2500-2690 MHz)</p> | <p>Microwave multipoint distribution system (MDR)</p> <p>ECC/DEC/(02)06 (2500-2690 MHz UMTS/IMT2000)</p> <p>(Planning to be abandoned until 31.12.2006)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2670 - 2690 | <p>FIXED 5.409, 5.410, 5.411</p> <p>MOBILE except aeronautical mobile 5.384A</p> <p>MOBILE-SATELLITE (Earth-to-space) 5.351A</p> <p>Earth exploration - satellite (passive)</p> <p>Radio astronomy</p> <p>Space research (passive)</p> <p>5.149, 5.347A, 5.419, 5.420</p> | <p>MMDS (2500-2690 MHz)</p> <p>SAP/SAB applications (video links) (2500-2690 MHz)</p> | <p>Microwave multipoint distribution system (MDR)</p> <p>ECC/DEC(02)06 (2500-2690 MHz UMTS/IMT2000)</p> <p>(Planning to be abandoned until 31.12.2006)</p> |
| 2690 - 2700 | <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive)</p> <p>5.340</p> | <p>USE OF THIS BAND IS STRICTLY FORBIDDEN</p> | |
| 2700 - 2900 | <p>AERONAUTICAL RADIONAVIGATION 5.337</p> <p>METEOROLOGICAL AIDS 5.423</p> <p>Radiolocation</p> | <p>Navigation systems (RVA)</p> <p>Meteorological radars (METAX)</p> <p>Radars (RVA, RLC)</p> | |
| 2900 - 3100 | <p>RADIOLOCATION 5.424A</p> <p>RADIONAVIGATION 5.426</p> <p>5.425, 5.427</p> | <p>Radars (RVA, RLC)</p> | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 3100 - 3300 | RADIOLOCATION Earth exploration - satellite (active) Space research (active) 5.149 | Radars (RLC) | Government |
| 3300 - 3400 | RADIOLOCATION 5.149 | Radars (RLC) | Government |
| 3400 - 3600 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation | FWA (1 2x28 MHz block in the 3400-3600 MHz sub-band) | CEPT Rec. T/R 14-03, Annex B |
| 3600 - 4200 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE | Fixed links (FIX) FWA (3 2x28 MHz blocks in the 3600-3800 MHz sub-Band) Fixed-satellite (FIX-S) VSATs; SNGs | 4 GHz band Recommendation ITU-R F. 382 (3800-4200 MHz) ERC/REC 12-08 Annex B (3600-3800 MHz) |
| 4200 - 4400 | AERONAUTICAL RADIONAVIGATION 5.438 5.440 | Radars (RVA) | |
| 4400 - 4500 | FIXED MOBILE | | Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------|
| 4500 - 4800 | FIXED FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE | | RR Ap. 30B Government |
| 4800 - 4990 | FIXED MOBILE 5.442 Radio astronomy 5.149, 5.339 | | Government |
| 4990 - 5000 | FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive) 5.149 | | Government |
| 5000 - 5010 | AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space) 5.367 | | Band reserved for the MLS system |
| 5010 - 5030 | AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) 5.443B, (space-to-space) 5.328B 5.367 | | |
| 5030 - 5150 | AERONAUTICAL RADIONAVIGATION 5.367, 5.444, 5.444A | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 5150 - 5250 | <p>AERONAUTICAL RADIONAVIGATION</p> <p>FIXED-SATELLITE (space-to-Earth) 5.447A</p> <p>MOBILE except aeronautical mobile 5.446A, 5.446B</p> <p>5.446, 5.447, 5.447B, 5.447C</p> | <p>SRD - WAS/RLAN (5150-5350 MHz)</p> | <p>Decision 2005/513/EC of 11 July 2005 ERC/REC 70-03 Annex 3 ECC/DEC/(04)08</p> |
| 5250 - 5255 | <p>EARTH EXPLORATION-SATELLITE (active)</p> <p>RADIOLOCATION</p> <p>SPACE RESEARCH 5.447D</p> <p>MOBILE except aeronautical mobile 5.446A, 5.447F</p> <p>5.448A</p> | <p>SRD - WAS/RLAN (5150-5350 MHz)</p> | <p>Decision 2005/513/EC of 11 July 2005 ERC/REC 70-03 Annex 3 ECC/DEC/(04)08</p> <p>Government</p> |
| 5255 - 5350 | <p>EARTH EXPLORATION-SATELLITE (active)</p> <p>RADIOLOCATION</p> <p>SPACE RESEARCH (active)</p> <p>MOBILE except aeronautical mobile 5.446A, 5.447F</p> <p>5.448A</p> | <p>SRD - WAS/RLAN (5150-5350 MHz)</p> | <p>Decision 2005/513/EC of 11 July 2005 ERC/REC 70-03 Annex 3 ECC/DEC/(04)08</p> <p>Government</p> |
| 5350 - 5460 | <p>EARTH EXPLORATION-SATELLITE (active) 5.448B</p> <p>SPACE RESEARCH (active) 5.448C</p> <p>AERONAUTICAL RADIONAVIGATION 5.449</p> <p>RADIOLOCATION 5.448D</p> | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 5460 - 5470 | RADIONAVIGATION 5.449 EARTH EXPLORATION- SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION 5.448D 5.448B | | |
| 5470 - 5570 | MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A, 5.450A EARTH EXPLORATION- SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION 5.450B 5.448B | Radars (RVM) SRD - WAS/RLAN (5470-5725 MHz) | Decision 2005/513/EC of 11 July 2005 ERC/REC 70-03 Annex 3 ECC/DEC/(04)08 |
| 5570 - 5650 | MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A, 5.450A RADIOLOCATION 5.450B 5.452 | Radars (RVM) Meteorological radars (5600-5650 MHz) SRD - WAS/RLAN (5470-5725 MHz) | Decision 2005/513/EC of 11 July 2005 ERC/REC 70-03 Annex 3 ECC/DEC/(04)08 |
| 5650-5670 | RADIOLOCATION MOBILE except aeronautical mobile 5.446A, 5.450A Amateur Amateur-satellite 5.282 Space research (deep space) | Amateur SRD - WAS/RLAN (5470-5725 MHz) | Decision 2005/513/EC of 11 July 2005 ERC/REC 70-03 Annex 3 ECC/DEC/(04)08 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 5670 - 5725 | RADIOLOCATION MOBILE except aeronautical mobile 5.446A, 5.450A Amateur Space research (deep space) | Amateur SRD - WAS/RLAN (5470-5725 MHz) | Decision 2005/513/EC of 11 July 2005 ERC/REC 70-03 Annex 3 ECC/DEC/(04)08 |
| 5725 - 5830 | FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur 5.150 | Fixed-satellite (FIX-S) Amateur (AM) ISM - Industrial, scientific and medical applications (5725-5875 MHz) Non-specific applications (5725-5875 MHz) SRD - RTTT (5795-5815 MHz), | ERC/REC 70-03 Annex 1 ERC/DEC/(01)06 ERC/REC 70-03 Annex 5 ECC/DEC/(02)01 |
| 5830 - 5850 | FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) 5.150 | Fixed-satellite (FIX-S) Amateur (AM) ISM - Industrial, scientific and medical applications (5725-5875 MHz) Non-specific applications (5725-5875 MHz) | ERC/REC 70-03 Annex 1 ERC/DEC/(01)06 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 5850 - 5925 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.150 | Fixed-satellite (FIX-S) ISM - Industrial, scientific and medical applications (5725-5875 MHz) SRD - Non-specific applications (5725-5875 MHz) | ERC/REC 70-03 Annex 1 ERC/DEC/(01)06 |
| 5925 - 6700 | FIXED FIXED-SATELLITE (Earth-to-space) 5.457A MOBILE 5.149, 5.440, 5.458 | Fixed links (FIX) Fixed-satellite (FIX-S): VSATs; SNGs | (Low) 6 GHz band ERC/REC 14-01 Annex 1 (5925-6425 MHz) (High) 6 GHz band ERC/REC 14-02 Annex 1 (6425-7125 MHz) |
| 6700 - 7075 | FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.441 MOBILE 5.458, 5.458A, 5.458B, 5.458C | Fixed links (FIX) | (High) 6 GHz band ERC/REC 14-02 Annex 1 (6425-7125 MHz) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7075 - 7145 | FIXED MOBILE 5.458 | Fixed links (FIX) | (High) 6 GHz band ERC/REC 14-02 Annex 1 (6425-7125 MHz) Recommendation ITU-R F.385 (7110-7425 MHz) ECC/REC 02-06 (7125-7425 MHz) |
| 7145 - 7235 | FIXED MOBILE SPACE RESEARCH (Earth-to-space) 5.460 5.458 | Fixed links (FIX) | Recommendation ITU-R F.385 (7110-7425 MHz) ECC/REC 02-06 (7125-7425 MHz) |
| 7235 - 7250 | FIXED MOBILE 5.458 | Fixed links (FIX) | Recommendation ITU-R F.385 (7110-7425 MHz) ECC/REC 02-06 (7125-7425 MHz) |
| 7250 - 7300 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE 5.461 | Fixed links (FIX) Fixed-satellite (FIX-S) | Recommendation ITU-R F.385 (7110-7425 MHz) ECC/REC 02-06 (7125-7425 MHz) Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7300 - 7450 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth)</p> <p>MOBILE except aeronautical mobile</p> <p>5.461</p> | <p>Fixed links (FIX)</p> <p>Fixed-satellite (FIX-S)</p> | <p>7 GHz band Recommendation ITU-R F.385 (7110-7425 MHz; 7425-7725 MHz) ECC/REC 02-06 (7125-7425 MHz; 7425-7725 MHz)</p> |
| 7450 - 7550 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth)</p> <p>METEOROLOGICAL-SATELLITE (space-to-Earth)</p> <p>MOBILE except aeronautical mobile</p> <p>5.461A</p> | <p>Fixed links (FIX)</p> <p>Fixed-satellite (FIX-S)</p> <p>METEOROLOGICAL-SATELLITE (MET-S)</p> | <p>7 GHz band Recommendation ITU-R F.385 (7425-7750 MHz) ECC/REC 02-06 (7425-7725 MHz)</p> |
| 7550 - 7750 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth)</p> <p>MOBILE except aeronautical mobile</p> | <p>Fixed links (FIX)</p> <p>Fixed-satellite (FIX-S)</p> | <p>7 GHz band Recommendation ITU-R F.385 (7425-7750 MHz) ECC/REC 02-06 (7425-7725 MHz)</p> <p>8 GHz band Recommendation ITU-R F.386 Annex 1 (7700-8300 MHz)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 7750 - 7850 | FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) 5.461B MOBILE except aeronautical mobile | Fixed links (FIX) | 8 GHz band Recommendation ITU-R F.386 Annex 1 (7700-8300 MHz) |
| 7850 - 7900 | FIXED MOBILE except aeronautical mobile | Fixed links (FIX) | 8 GHz band Recommendation ITU-R F.386 Annex 1 (7700-8300 MHz) |
| 7900 - 8025 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.461 | Fixed links (FIX) Fixed-satellite (FIX-S) | 8 GHz band Recommendation ITU-R F.386 Annex 1 (7700-8300 MHz) Government (7975-8025 MHz) |
| 8025 - 8175 | EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A | Fixed links (FIX) Fixed-satellite (FIX-S) | 8 GHz band Recommendation ITU-R F.386 Annex 1 (7700-8300 MHz) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 8175 - 8215 | EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A | Fixed links (FIX) Fixed-satellite (FIX-S) METEOROLOGICAL-SATELLITE (MET-S) | 8 GHz band Recommendation ITU-R F.386 Annex 1 (7700-8300 MHz) Recommendation ITU-R F.386 (8200-8500 MHz) |
| 8215 - 8400 | EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A | Fixed links (FIX) Fixed-satellite (FIX-S) | 8 GHz band Recommendation ITU-R F.386 Annex 1 (7700-8300 MHz); Recommendation ITU-R F.386 (8200-8500 MHz) |
| 8400 - 8500 | FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) 5.465 | Fixed links (FIX) | 8 GHz band Recommendation ITU-R F.386 (8200-8500 MHz) |
| 8500 - 8550 | RADIOLOCATION | | Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------|
| 8550 - 8650 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.469A | | Government |
| 8650 - 8750 | RADIOLOCATION | | Government |
| 8750 - 8850 | RADIOLOCATION AERONAUTICAL RADIONAVIGATION 5.470 | | Government |
| 8850 - 9000 | RADIOLOCATION MARITIME RADIONAVIGATION 5.472 | | Government |
| 9000 - 9200 | AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation | Radars (RVA, RLC) | |
| 9200 - 9300 | RADIOLOCATION MARITIME RADIONAVIGATION 5.472 5.474 | Radars (RVM, RLC) - SARTs SRD - Movement detection and alert applications (9200-9500 MHz) | ERC/REC 70-03 Annex 6 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------|
| 9300 - 9500 | RADIONAVIGATION 5.476 Radiolocation 5.427, 5.474, 5.475 | Radars (RVA, RLC) - SARTs SRD - Movement detection and alert applications (9200-9500 MHz) | ERC/REC 70-03 Annex 6 |
| 9500 - 9800 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active) 5.476A | SRD - Movement detection and alert applications (9500-9975 MHz) | ERC/REC 70-03 Annex 6 |
| 9800 - 10000 | RADIOLOCATION FIXED 5.479 | SRD - Movement detection and alert applications (9500-9975 MHz) | ERC/REC 70-03 Annex 6 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|
| 10 - 10.45 | FIXED MOBILE RADIOLOCATION Amateur 5.479 | Amateur (AM) SAP/SAB applications (video links) (10.0-10.45 GHz) | ERC/REC 25-10 |
| 10.45 - 10.5 | RADIOLOCATION Amateur Amateur-satellite | Amateur (AM) | |
| 10.5 - 10.55 | FIXED MOBILE Radiolocation | SAP/SAB applications (video links) (10.5-10.68 GHz) | ERC/REC 25-10 |
| 10.55 - 10.6 | FIXED MOBILE except aeronautical mobile Radiolocation | SAP/SAB applications (video links) (10.5-10.68 GHz) | ERC/REC 25-10 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.6 - 10.68 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation 5.149, 5.482 | SAP/SAB applications (video links) (10.5-10.68 GHz) | ERC/REC 25-10 |
| 10.68 - 10.7 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 10.7 - 11.7 | FIXED FIXED-SATELLITE (space-to-Earth) 5.441, 5.484A, (Earth-to-space) 5.484 MOBILE except aeronautical mobile | Fixed links (FIX) Fixed-satellite (FIX-S): VSATs; SNGs; SITs; AESs EUTELTRACS - Land mobile satellite data communications system (10.7-11.7 GHz) | 11 GHz BAND ERC/REC 12-06 Rec.3 (10.7-11.7 GHz) RR Ap. 30B: (10.7-10.95 GHz; 11.2-11.45 GHz) SNGs (10.95-11.2 GHz and 11.45-11.7 GHz) SITs: 10.7-12.75 GHz (space-to-Earth); 29.5-30.0 GHz (Earth-to-space) AESs: 10.7-11.7 GHz (space-to-Earth); 12.5-12.75 GHz (space-to-Earth); 14-14.5 GHz (Earth-to-space) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.7 - 12.5 | FIXED BROADCASTING BROADCASTING-SATELLITE MOBILE except aeronautical mobile 5.487, 5.487A, 5.492 | BROADCASTING-SATELLITE (RAD-S) SITs (5.492) | RR Ap. 30 e Ap. 30A SITs: 10.7-12.75 GHz (space-to-Earth); 29.5-30.0 GHz (Earth-to-space) |
| 12.5 - 12.75 | FIXED-SATELLITE (space-to-Earth) 5.484A, (Earth-to-space) FIXED (5.495) MOBILE except aeronautical mobile (5.495) | Fixed-satellite (FIX-S): VSATs; SNGs; SITs; AESs EUTELTRACS - Land mobile-satellite data communications system (12.5-12.75 GHz) | ERC/REC 13-03 SITs: 10.7-12.75 GHz (space-to-Earth); 29.5-30.0 GHz (Earth-to-space) AESs: 10.7-11.7 GHz (space-to-Earth); 12.5-12.75 GHz (space-to-Earth); 14-14.5 GHz (Earth-to-space) |
| 12.75 - 13.25 | FIXED FIXED-SATELLITE (Earth-to-space) 5.441 MOBILE Space research (deep space) (space-to-Earth) | Fixed links (FIX) Fixed-satellite (FIX-S) | 13 GHz band Recommendation ITU-R F.497 (12.75-13.25 GHz) RR Ap. 30B |
| 13.25 - 13.4 | EARTH EXPLORATION-SATELLITE (active) AERONAUTICAL RADIONAVIGATION 5.497 SPACE RESEARCH (active) 5.498A | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 13.4 - 13.75 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.501A Standard frequency and time signal - satellite (Earth-to-space) 5.501B | SRD - Movement detection and alert applications (13.4-14 GHz) | ERC/REC 70-03 Annex 6 Government |
| 13.75 - 14 | FIXED-SATELLITE (Earth-to-space) 5.484A RADIOLOCATION Standard frequency and time signal - satellite (Earth-to-space) Space research EARTH EXPLORATION-SATELLITE 5.502, 5.503 | SRD - Movement detection and alert applications (13.4-14 GHz) | ERC/REC 70-03 Annex 6 Government |
| 14 - 14.25 | FIXED-SATELLITE (Earth-to-space) 5.484A, 5.506, 5. 457A, 5.506B RADIONAVIGATION 5.504 MOBILE-SATELLITE (Earth-to-space) 5.506A Space research 5.504A | Fixed-satellite (FIX-S): VSATs; SNGs AESs EUTELTRACS - Land mobile-satellite data communications system (14-14.25 GHz) | ERC/REC 13-03 AESs: 10.7-11.7 GHz (space-to-Earth); 12.5-12.75 GHz (space-to-Earth); 14-14.5 GHz (Earth-to-space) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 14.25 - 14.3 | <p>FIXED-SATELLITE (Earth-to-space) 5.484A, 5.506, 5.457A, 5.506B</p> <p>RADIONAVIGATION 5.504</p> <p>MOBILE-SATELLITE (Earth-to-space) 5.506A</p> <p>Space research</p> <p>5.504A</p> | <p>Fixed-satellite (FIX-S): VSATs; SNGs</p> <p>AESs</p> | <p>ERC/REC 13-03</p> <p>AESs: 10.7-11.7 GHz (space-to-Earth); 12.5-12.75 GHz (space-to-Earth); 14-14.5 GHz (Earth-to-space)</p> |
| 14.3 - 14.4 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.484A, 5.506, 5.457A, 5.506B</p> <p>MOBILE except aeronautical mobile</p> <p>MOBILE-SATELLITE (Earth-to-space) 5.506A</p> <p>RADIONAVIGATION-SATELLITE 5.504A</p> | <p>Fixed-satellite (FIX-S): VSATs; SNGs</p> <p>AESs</p> | <p>ERC/REC 13-03</p> <p>AESs: 10.7-11.7 GHz (space-to-Earth); 12.5-12.75 GHz (space-to-Earth); 14-14.5 GHz (Earth-to-space)</p> |
| 14.4 - 14.47 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.457A, 5.484A, 5.506, 5.506B</p> <p>MOBILE except aeronautical mobile</p> <p>MOBILE-SATELLITE (Earth-to-space) 5.506A</p> <p>Space research (space-to-Earth)</p> <p>5.504A</p> | <p>Fixed-satellite (FIX-S): VSATs; SNGs</p> <p>AESs</p> | <p>ERC/REC 13-03</p> <p>AESs: 10.7-11.7 GHz (space-to-Earth); 12.5-12.75 GHz (space-to-Earth); 14-14.5 GHz (Earth-to-space)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 14.47 - 14.5 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.457A, 5.484A, 5.506, 5.506B</p> <p>MOBILE except aeronautical mobile</p> <p>MOBILE-SATELLITE (Earth-to-space) 5.506A</p> <p>Radio astronomy</p> <p>5.149, 5.504A</p> | <p>Fixed-satellite (FIX-S): VSATs; SNGs</p> <p>AESs</p> | <p>ERC/REC 13-03</p> <p>AESs: 10.7-11.7 GHz (space-to-Earth); 12.5-12.75 GHz (space-to-Earth); 14-14.5 GHz (Earth-to-space)</p> |
| 14.5 - 14.8 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.510</p> <p>MOBILE</p> <p>Space research</p> | <p>Fixed links (FIX)</p> | <p>15 GHz band ERC/REC 12-07 Annex A (14.5-14.62 GHz)</p> <p>Government (14.62-14.8 GHz)</p> |
| 14.8 - 15.35 | <p>FIXED</p> <p>MOBILE</p> <p>Space research</p> <p>5.339</p> | <p>Fixed links (FIX)</p> | <p>15 GHz band ERC/REC 12-07 Annex A (15.23-15.35 GHz)</p> <p>Government (14.8-15.23 GHz)</p> |
| 15.35 - 15.4 | <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive)</p> <p>5.340</p> | <p>USE OF THIS BAND IS STRICTLY FORBIDDEN</p> | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------|
| 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 | Radars (RLC) | Government |
| 16.6 - 17.1 | RADIOLOCATION Space research (deep space) (Earth-to-space) | Radars (RLC) | Government |
| 17.1 - 17.2 | RADIOLOCATION | SRD - HIPERLANs (17.1-17.3 GHz) | ERC/REC 70-03 Annex 3 CEPT Rec. T/R 22-06 Government |
| 17.2 - 17.3 | EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.513A | SRD - HIPERLANs (17.1-17.3 GHz) | ERC/REC 70-03 Annex 3 CEPT Rec. T/R 22-06 Government |
| 17.3 - 17.7 | FIXED-SATELLITE (Earth-to-space) 5.516, (space-to-Earth) 5.516A, 5.516B Radiolocation | Fixed-satellite (FIX-S): HDFSS | RR Ap. 30A: (17.3-18.1 GHz) HDFSS (space-to-Earth): 17.3-17.7 GHz (WRC-2003) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 17.7 - 18.1 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth) 5.484A (Earth-to-space) 5.516</p> <p>MOBILE</p> | <p>Fixed links (FIX)</p> <p>Fixed-satellite (FIX-S)</p> | <p>18 GHz band ERC/REC 12-03 Annex A (17.7-19.7 GHz)</p> <p>RR Ap. 30A: (17.3-18.1 GHz)</p> |
| 18.1 - 18.4 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth) 5.484A (Earth-to-space) 5.520</p> <p>MOBILE</p> <p>5.519</p> | <p>Fixed links (FIX)</p> | <p>18 GHz band ERC/REC 12-03 Annex A (17.7-19.7 GHz)</p> |
| 18.4 - 18.6 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth) 5.484A</p> <p>MOBILE</p> | <p>Fixed links (FIX)</p> | <p>18 GHz band ERC/REC 12-03 Annex A (17.7-19.7 GHz)</p> |
| 18.6 - 18.8 | <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth) 5.522B</p> <p>MOBILE except aeronautical mobile</p> <p>Space research (passive)</p> <p>5.522A</p> | <p>Fixed links (FIX)</p> | <p>18 GHz band ERC/REC 12-03 Annex A (17.7-19.7 GHz)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 18.8 - 19.3 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth) 5.523A</p> <p>MOBILE</p> | Fixed links (FIX) | 18 GHz band ERC/REC 12-03 Annex A (17.7-19.7 GHz) |
| 19.3 - 19.7 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 5.523B, 5.523C, 5.523D, 5.523E</p> <p>MOBILE</p> | Fixed links (FIX) | 18 GHz band ERC/REC 12-03 Annex A (17.7-19.7 GHz) |
| 19.7 - 20.1 | <p>FIXED-SATELLITE (space-to-Earth) 5.484A, 5.516B</p> <p>MOBILE-SATELLITE (space-to-Earth)</p> | Fixed-satellite (FIX-S): HDFSS; SUTs | HDFSS (space-to-Earth): 19.7-20.2 GHz (WRC-2003) SUTs: 19.7-20.2 GHz (space-to-Earth); 29.5-30.0 GHz (Earth-to-space) |
| 20.1 - 20.2 | <p>FIXED-SATELLITE (space-to-Earth) 5.484 A, 5.516B</p> <p>MOBILE-SATELLITE (space-to-Earth)</p> <p>5.525, 5.526, 5.527,5.528</p> | Fixed-satellite (FIX-S): HDFSS; SUTs | HDFSS (space-to-Earth): 19.7-20.2 GHz (WRC-2003) SUTs: 19.7-20.2 GHz (space-to-Earth); 29.5-30.0 GHz (Earth-to-space) |
| 20.2 - 21.2 | <p>FIXED-SATELLITE (space-to-Earth)</p> <p>MOBILE-SATELLITE (space-to-Earth)</p> <p>Standard frequency and time signal (space-to-Earth)</p> | | Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 21.2 - 21.4 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) | | |
| 21.4 - 22 | FIXED MOBILE BROADCASTING-SATELLITE 5.347A, 5.530 | SRR (21.65-26.65 GHz) | Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |
| 22 - 22.21 | FIXED MOBILE except aeronautical mobile 5.149 | Fixed links (FIX) SRR (21.65-26.65 GHz) | 23 GHz band CEPT Rec. T/R 13-02 Annex A (22-22.6 GHz) Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |
| 22.21 - 22.5 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) 5.149, 5.532 | Fixed links (FIX) SRR (21.65-26.65 GHz) | 23 GHz band CEPT Rec. T/R 13-02 Annex A (22-22.6 GHz) Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 22.5 - 22.55 | FIXED MOBILE | Fixed links (FIX) SRR (21.65-26.65 GHz) | 23 GHz band CEPT Rec. T/R 13-02 Annex A (22-22.6 GHz) Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |
| 22.55 - 23.55 | FIXED INTER-SATELLITE MOBILE 5.149 | Fixed links (FIX) SRR (21.65-26.65 GHz) | 23 GHz band CEPT Rec. T/R 13-02 Annex A (22-22.6 GHz; 23-23.6 GHz) Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |
| 23.55 - 23.6 | FIXED MOBILE | Fixed links (FIX) SRR (21.65-26.65 GHz) | 23 GHz band CEPT Rec. T/R 13-02 Annex A (23-23.6 GHz) Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |
| 23.6 - 24 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 24 - 24.05 | AMATEUR AMATEUR-SATELLITE 5.150 | Amateur (AM) ISM - Industrial, scientific and medical applications (24-24.25 GHz) SRD - Non-specific applications (24-24.25 GHz) SRR (21.65-26.65 GHz) | ERC/REC 70-03 Annex 1 Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |
| 24.05 - 24.25 | RADIOLOCATION Amateur Earth exploration - satellite (active) 5.150 | Radars (RLC) Amateur (AM) ISM - Industrial, scientific and medical applications (24-24.25 GHz) SRD - Non-specific applications (24-24.25 GHz) SRD - Movement detection and alert applications (24.05-24.25 GHz) SRR (21.65-26.65 GHz) | ERC/REC 70-03 Annex 1 ERC/REC 70-03 Annex 6 Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |
| 24.25 - 24.45 | FIXED | SRR (21.65-26.65 GHz) | Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24.45 - 24.75 | FIXED INTER-SATELLITE | FWA (6 2x56 MHz blocks in the 24.5-26.5 GHz sub-band) SRR (21.65-26.65 GHz) | 25 GHz band CEPT Rec. T/R 13-02 Annex B (24.5-26.5 GHz) Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 |
| 24.75 - 25.25 | FIXED | FWA (6 2x56 MHz blocks in the 24.5-26.5 GHz sub-band) SRR (21.65-26.65 GHz) | 25 GHz band CEPT Rec. T/R 13-02 Annex B (24.5-26.5 GHz) Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 Government (25.242-25.25 GHz) |
| 25.25 - 25.5 | FIXED INTER-SATELLITE 5.536 MOBILE Standard frequency and time signal - satellite (Earth-to-space) | FWA (6 2x56 MHz blocks in the 24.5-26.5 GHz sub-band) SRR (21.65-26.65 GHz) | 25 GHz band CEPT Rec. T/R 13-02 Annex B (24.5-26.5 GHz) Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10 Government (25.25-25.492 GHz) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.5 - 27 | <p>EARTH EXPLORATION-SATELLITE (space-to-Earth) 5.536A, 5.536B</p> <p>FIXED</p> <p>INTER-SATELLITE 5.536</p> <p>MOBILE</p> <p>SPACE RESEARCH (space-to-Earth) 5.536A</p> <p>Standard frequency and time signal - satellite (Earth-to-space)</p> | <p>FWA (6 2x56 MHz blocks in the 24.5-26.5 GHz sub-band)</p> <p>SRR (21.65-26.65 GHz)</p> | <p>25 GHz band CEPT Rec. T/R 13-02 Annex B (24.5-26.5 GHz)</p> <p>Decision 2005/50/EC of 17 January 2005 ECC/DEC/(04)10</p> <p>Government (26.25-27 GHz)</p> |
| 27 - 27.5 | <p>FIXED</p> <p>INTER-SATELLITE 5.536</p> <p>MOBILE</p> | | <p>Government</p> |
| 27.5 - 28.5 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.484A, 5.539, 5.516B</p> <p>MOBILE</p> <p>5.538, 5.540</p> | <p>FWA (2 2x175 MHz blocks in the 27.5-29.5 GHz band)</p> <p>Fixed-satellite (FIX-S): HDFSS</p> | <p>28 GHz band CEPT Rec. T/R 13-02 Annex C (27.5-29.5 GHz)</p> <p>HDFSS (Earth-to-space) :27.5-27.82 GHz; 28.45-28.94 GHz (WRC-2003)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28.5 - 29.1 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.484A, 5.523A, 5.539, 5.516B</p> <p>MOBILE</p> <p>EARTH EXPLORATION-SATELLITE (Earth-to-space) 5.541</p> <p>5.540</p> | <p>FWA (2 2x175 MHz blocks in the 27.5-29.5 GHz band)</p> <p>Fixed-satellite (FIX-S): HDFSS</p> | <p>28 GHz band CEPT Rec. T/R 13-02 Annex C (27.5-29.5 GHz)</p> <p>HDFSS (Earth-to-space): 28.45-28.94 GHz (WRC-2003)</p> |
| 29.1 - 29.5 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.516B, 5.523C, 5.523E, 5.535A, 5.539, 5.541A,</p> <p>MOBILE</p> <p>EARTH EXPLORATION-SATELLITE (Earth-to-space) 5.541</p> <p>5.540</p> | <p>FWA (2 2x175 MHz blocks in the 27.5-29.5 GHz band)</p> <p>Fixed-satellite (FIX-S): HDFSS</p> | <p>28 GHz band CEPT Rec. T/R 13-02 Annex C (27.5-29.5 GHz)</p> <p>HDFSS (Earth-to-space): 29.46-30 GHz (WRC-2003)</p> |
| 29.5 - 29.9 | <p>FIXED-SATELLITE (Earth-to-space) 5.484A, 5.516B, 5.539</p> <p>Earth exploration - satellite (Earth-to-space) 5.541</p> <p>MOBILE-SATELLITE (Earth-to-space)</p> <p>5.540</p> | <p>Fixed-satellite ((FIX-S): HDFSS; SUTs; SITs</p> | <p>HDFSS (Earth-to-space): 29.46-30 GHz (WRC-2003)</p> <p>SUTs: 19.7-20.2 GHz (space-to-Earth); 29.5-30.0 GHz (Earth-to-space)</p> <p>SITs: 10.7-12.75 GHz (space-to-Earth); 29.5-30.0 GHz (Earth-to-space)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.9 - 30 | <p>FIXED-SATELLITE (Earth-to-space) 5.484A, 5.539, 5.516B</p> <p>MOBILE-SATELLITE (Earth-to-space)</p> <p>Earth exploration - satellite (Earth-to-space) 5.541, 5.543</p> <p>5.525, 5.526, 5.527, 5.538, 5.540</p> | Fixed-satellite (FIX-S): HDFSS, SUTs, SITs | <p>HDFSS (Earth-to-space): 29.46-30 GHz (WRC-2003)</p> <p>SUTs: 19.7-20.2 GHz (space-to-Earth); 29.5-30.0 GHz (Earth-to-space)</p> <p>SITs: 10.7-12.75 GHz (space-to-Earth); 29.5-30.0 GHz (Earth-to-space)</p> |
| 30 - 31 | <p>FIXED-SATELLITE (Earth-to-space)</p> <p>MOBILE-SATELLITE (Earth-to-space)</p> <p>Standard frequency and time signal - satellite (space-to-Earth)</p> | | Government |
| 31 - 31.3 | <p>FIXED</p> <p>MOBILE</p> <p>Standard frequency and time signal - satellite (space-to-Earth)</p> <p>Space research 5.544</p> <p>5.149</p> | | |
| 31.3 - 31.5 | <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive)</p> <p>5.340</p> | USE OF THIS BAND IS STRICTLY FORBIDDEN | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|
| 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, 5.548 | | |
| 32 - 32.3 | FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 5.547, 5.548 | | |
| 32.3 - 33 | FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547, 5.548 | | |
| 33 - 33.4 | FIXED 5.547A RADIONAVIGATION 5.547 | | |
| 33.4 - 34.2 | RADIOLOCATION | | Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------|------------|
| 34.2 - 34.7 | RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space) | | Government |
| 34.7 - 35.2 | RADIOLOCATION Space research | | Government |
| 35.2 - 35.5 | METEOROLOGICAL AIDS RADIOLOCATION | | Government |
| 35.5 - 36 | METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.549A | | Government |
| 36 - 37 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.149 | | Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 37 - 37.5 | FIXED MOBILE SPACE RESEARCH (space-to-Earth) 5.547 | Fixed links (FIX) | 38 GHz band CEPT Rec. T/R 12-01 (37-39.5 GHz) |
| 37.5 - 38 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (space-to-Earth) Earth exploration - satellite (space-to-Earth) 5.547 | Fixed links (FIX) | 38 GHz band CEPT Rec. T/R 12-01 (37-39.5 GHz) ERC/DEC/(00)02 Non-coordinated Earth stations cannot claim protection from the fixed service |
| 38 - 39.5 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth exploration - satellite (space-to-Earth) 5.547 | Fixed links (FIX) | 38 GHz band CEPT Rec. T/R 12-01 (37-39.5 GHz) ERC/DEC/(00)02 Non-coordinated Earth stations cannot claim protection from the fixed service |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 39.5 - 40 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth) 5.516B</p> <p>MOBILE</p> <p>MOBILE-SATELLITE (space-to-Earth)</p> <p>Earth exploration - satellite (space-to-Earth)</p> <p>5.547</p> | | <p>ERC/DEC/(00)02 Non-coordinated and coordinated Earth stations</p> <p>Bands identified by WRC-2003 (39.5-40 GHz) for HDFSS (space-to-Earth)</p> |
| 40 - 40.5 | <p>EARTH EXPLORATION-SATELLITE (Earth-to-space)</p> <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth) 5.516B</p> <p>MOBILE</p> <p>MOBILE-SATELLITE (space-to-Earth)</p> <p>SPACE RESEARCH (Earth-to-space)</p> <p>Earth exploration - satellite (space-to-Earth)</p> | | <p>ERC/DEC/(00)02 Non-coordinated and coordinated Earth stations</p> <p>Bands identified by WRC-2003 (40-40.5 GHz) for HDFSS (space-to-Earth)</p> |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------|
| 40.5 - 41 | FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE MOBILE 5.547 | MWS applications, including MVDS (40.5-43.5 GHz) | ERC/DEC/(99)15 ECC/REC 01-04 ECC/DEC/(02)04 |
| 41 - 42.5 | FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE MOBILE 5.547, 5.551H, 5.551I | MWS applications, including MVDS (40.5-43.5 GHz) | ERC/DEC/(99)15 ECC/REC 01-04 ECC/DEC/(02)04 |
| 42.5 - 43.5 | FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149, 5.547 | MWS applications, including MVDS (40.5-43.5 GHz) | ERC/DEC/(99)15 ECC/REC 01-04 |
| 43.5 - 47 | MOBILE 5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554 | | Government (43.5-45.5 GHz) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------|
| 47 - 47.2 | AMATEUR AMATEUR-SATELLITE | Amateur (AM) | |
| 47.2 - 47.5 | FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE 5.552A | | |
| 47.5 - 47.9 | FIXED FIXED-SATELLITE (Earth-to-space) 5.552 (space-to-Earth) 5.516B, 5.554A MOBILE | | Bands identified by WRC-2003 (47.5-47.9 GHz) for HDFSS (space-to-Earth) |
| 47.9 - 48.2 | FIXED FIXED-SATELLITE (Earth-to-space) 5.552, 5.554A MOBILE 5.552A | | |
| 48.2 - 48.54 | FIXED FIXED-SATELLITE (Earth-to-space) 5.552 (space-to-Earth) 5.516B, 5.554A, 5.555B MOBILE | | Bands identified by WRC-2003 (48.2-48.54 GHz) for HDFSS (space-to-Earth) |
| 48.54 - 49.44 | FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE 5.149, 5.340, 5.555 | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 49.44 - 50.2 | FIXED FIXED-SATELLITE (Earth-to-space) 5.552 (space-to-Earth) 5.516B, 5.554A, 5.555B MOBILE | | Bands identified by WRC-2003 (49.44-50.2 GHz) for HDFSS (space-to-Earth) |
| 50.2 - 50.4 | EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340 | Radiometers - Passive sensors (EXP-S) | |
| 50.4 - 51.4 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) | | |
| 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 | Radiometers - Passive sensors (EXP-S) USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 54.25 - 55.78 | EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive) | Radiometers - Passive sensors (EXP-S) | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------|
| 55.78 - 56.9 | EARTH EXPLORATION-SATELLITE (passive) FIXED 5.557A INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547 | Radiometers - Passive sensors (EXP-S) | |
| 56.9 - 57 | EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.558A MOBILE 5.558 SPACE RESEARCH (passive) 5.547 | Radiometers - Passive sensors (EXP-S) | |
| 57 - 58.2 | EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547 | Radiometers - Passive sensors (EXP-S) Fixed links (FIX) | 58 GHz band ERC/REC 12-09 (57-59 GHz) |
| 58.2 - 59 | EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.547, 5.556 | Radiometers - Passive sensors (EXP-S) Fixed links (FIX) | 58 GHz band ERC/REC 12-09 (57-59 GHz) |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 59 - 59.3 | EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 RADIOLOCATION 5.559 SPACE RESEARCH (passive) | | Government |
| 59.3 - 64 | FIXED INTER-SATELLITE MOBILE 5.558 RADIOLOCATION 5.559 5.138 | ISM - Industrial, scientific and medical applications (61-61.5 GHz) SRD - Non-specific applications (61-61.5 GHz) SRD - RTTT (63-64 GHz) | ERC/REC 70-03 Annex 1 ERC/REC 70-03 Annex 5 ECC/DEC/(02)01 Government (59.3-61 GHz) |
| 64 - 65 | FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.547, 5.556 | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------|
| 65 - 66 | EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH 5.547 | | |
| 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) | | Government |
| 74 - 76 | FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth) 5.559A, 5.561 | AMATEUR (75.5-76 GHz) - (primary service until 2006) | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 76 - 77.5 | RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth) 5.149 | Amateur SRR (77-81 GHz) SRD - RTTT (76-77 GHz) | Decision 2004/545/EC of 8 July 2004 ECC/DEC/(04)03 CEPT/ERC/REC 70-03 Annex 5 ECC/DEC/(02)01 Government |
| 77.5 - 78 | AMATEUR AMATEUR-SATELLITE Radio astronomy Space research (space-to-Earth) 5.149 | Amateur SRR (77-81 GHz) | Decision 2004/545/EC of 8 July 2004 ECC/DEC/(04)03 Government |
| 78 - 79 | RADIOLOCATION Amador Amateur-satellite Radio astronomy Space research (space-to-Earth) 5.149, 5.560 | Amateur SRR (77-81 GHz) | Decision 2004/545/EC of 8 July 2004 ECC/DEC/(04)03 Government |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------|
| 79 - 81 | RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth) 5.149 | Amateur SRR (77-81 GHz) | Decision 2004/545/EC of 8 July 2004 ECC/DEC/(04)03 Government |
| 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 | | Government |
| 84 - 86 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149 | | |
| 86 - 92 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------|-------|
| 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 | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|------------------------------------------------------------------------------------------------------|----------------------------------------|-------|
| 100 - 102 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.341 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 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 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 111.8 - 114.25 | FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149, 5.341 | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 114.25 - 116 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.341 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 116 - 119.98 | EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.341 | | |
| 119.98 - 122.25 | EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.138, 5.341 | ISM - Industrial, scientific and medical applications (122-123 GHz) SRD - Non-specific applications (122-123 GHz) | ERC/REC 70-03 Annex 1 |
| 122.25 - 123 | FIXED INTER-SATELLITE MOBILE 5.558 Amateur 5.138 | ISM - Industrial, scientific and medical applications (122-123 GHz) Non-specific applications (122-123 GHz) | ERC/REC 70-03 Annex 1 |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------|
| 123 - 130 | FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy 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 | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------|
| 148.5 - 151.5 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 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 | | Future use of passive sensors |
| 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 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------|----------------------------------------|-------|
| 167 - 174.5 | FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE 5.558 5.149 | | |
| 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 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 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 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------|
| 191.8 - 200 | FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149, 5.341, 5.554 | | |
| 200 - 209 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.341, 5.563A | USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 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 | USE OF THIS BAND IS STRICTLY FORBIDDEN | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------|-------|
| 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 | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 241 - 248 | RADIO ASTRONOMY RADIOLOCATION Amateur 5.138, 5.149 | Amateur ISM - Industrial, scientific and medical applications (244-246 GHz) SRD - Non-specific applications (244-246 GHz) | ERC/REC 70-03 Annex 1 |
| 248 - 250 | AMATEUR AMATEUR-SATELLITE Radio astronomy 5.149 | Amateur (AM) | |
| 250 - 252 | EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.563A | USE OF THIS BAND IS STRICTLY FORBIDDEN | |
| 252 - 265 | FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149, 5.554 | | |

| FREQUENCY BAND (MHz) | ALLOCATIONS BY THE RADIO REGULATIONS - ARTº 5 - APPLYING TO PORTUGAL | NATIONAL APPLICATIONS | NOTES |
|----------------------|----------------------------------------------------------------------------------------|-----------------------|-------|
| 265 - 275 | FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149 5.563A | | |
| 275 - 1000 | (Not allocated) 5.565 | | |