Annex 6.4.

**List of Abbreviations**

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| Abbrevation | Explanation |
| ATPC  | Automatic Transmitter Power Control |
| ADM | Add Drop Multiplexer |
| AM | Adaptive Modulation |
| ANFR | Agence Nationale des Fréquences |
| ARCEP | Autorité de Régulation des Communications Electroniques et des Postes |
| ATM | Asynchronous Transfer Mode |
| AGA | Air Ground Air |
| AIS | Automatic Identification System |
| AMS(R)S | Aeronautical Mobile Satellite (Route) Services |
| APP | Appendix of the ITU Radio Regulations |
| AVI  | Automatic Vehicle Idenfication |
| BSS | Broadcasting Satellite Service |
| CEPT | European Conference of Postal and Telecommunications Ad. |
| ECA | European Common Allocation |
| ECC | Electronic Communications Committee |
| EESS | Earth Exploration Satellite Service |
| e.i.r.p. | Equivalent isotropic radiated power |
| ENG | Electronic news gathering |
| ERC | European Radiocommunications Committe |
| FS | Fixed Service |
| FSS | Fixed Satellite Service |
| FWA | Fixed Service System (Handbook); Fixed Wireless Access (Annex 1.1) |
| FWS | Fixed Wireless System (Annex 1.1) |
| HCM | Harmonised Calculation Method |
| HCMFS | Harmonised Calculation Method Fixed Service |
| ITU | International Telecommunications Union |
| MSS | Mobile Satellite Station |
| P-MP (PMP) | Point-to Multipont |
| P-P | Point-to-Point |
| RF | Radio Frequency |
| SES | Satellite Earth Stations |
| 2G | Second Generation digital cellular network |
| 3G | Third Generation digital cellular network |
| 4G | Fourth Generation digital cellular network |
| BBDR  | Broad Band Disaster Relief |
| BSS | Broadcasting Satellite Service |

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| --- | --- |
| **BEM** | Block Edge Mask |
| **BER** | Bit Error Rate |
| **BFWA** | Broadband Fixed Wireless Access |
| BMA | Building Material Analysis |
| **BPSK** | Binary Phase-Shift Keying |
| **BWA** | Broadband Wireless Access |
| CRS  | Central Radio Station |
| CGC | Complementary Ground Component |
| CB | Citizens’ radio Band |
| **CAGR** | Compound Annual Growth Rate |
| **CCDP** | Co-Channel Dual-Polarization |
| **CEPT** | European Conference of Postal and Telecommunications Ad. |
| **CES** | Circuit Emulation |
| **CPE** | Customer Premise Equipment |
| **CRS** | Cognitive Radio System |
| **CS** | Channel Spacing or Channel Separation |
| **DBPSK** | Dual-Polarization Binary Phase-Shift Keying |
| **DFS** | Dynamic Frequency Selection |
| **DSL** | Digital Subscriber Line |
| DEC | Decision |
| DECT  | Digital Enhanced Cordless Telecommunication |
| DME | DME - Distance Measuring Equipment |
| DMO | Direct Mode Operation |
| DSC | Digital Selective Calling |
| DSI | Detailed Spectrum Investigation |
| DVB-T  | Terrestrial Digital Video Broadcasting |
| **ECC** | Electronic Communications Committee |
| **ECO** | European Communications Office |
| **EIRP** | Equivalent (or Effective) isotropically radiated power |
| **ERC** | European Radiocommunications Committee |
| **ERO** | European Radiocommunications Office |
| **ETSI** | European Telecommunication Standard Institute |
| ECA | European Common Allocation |
| ECC | Electronic Communications Committee |
| ECM | Electronic C ountermeasures |
| EESS | Earth Exploration-Satellite Service |
| ECP | European Common Proposal |
| EFIS | European Frequency Information System |
| EGSM | Extended GSM |
| EISCAT | European Incoherent SCATter facility |
| ENG | Electronic News Gathering |
| EPIRB | Emergency Position-Indicating Radiobeacon |
| ERC | European Radiocommunications Committee |
| ERO | European Radiocommunications Office |
| ESOMPs | Earth Stations On Mobile Platforms |
| EST | Earth Stations on Trains |
| E/s | Earth-to-space direction |
| EU | EUropean footnote |
| FDD | Frequency Division Duplex |
| FM | Fade Margin |
| FS | Fixed Service |
| FWA | Fixed Wireless Access |
| FB | Fixed Base |
| FDD | Frequency Division Duplex |
| FM | Frequency Modulation |
| FSS | Fixed-Satellite Service |
| **GSM** | Global System for Mobile Communications |
| **GSO** | Geostationary Satellite Orbit |
| GE85 | Geneva 1985 Agreement |
| GLONASS | Global Navigation Satellite System |
| GMDSS | Global Maritime Distress and Safety System |
| GNSS | Global Navigation Satellite System |
| GPS | Global Positioning System |
| GSM | Global System for Mobile Communications |
| GSM 1800 | Global System for Mobile Communications using 1800 MHz band |
| GSM-R | GSM for Railways |
| HDFS | High Density Fixed Service |
| HDFSS | High Density Fixed Satellite Service |
| HSPA | High-Speed Packet Access |
| HSPA+ | Evolved HSPA |
| HAPS | High Altitude Platform Systems |
| HDFS | HDFS - High Density Fixed Service |
| HDFSS | High Density Fixed-Satellite Service |
| HDTV | High Definition Television |
| HEST | HEST - High E.i.r.p. Satellite Terminals |
| HF | High Frequency |
| HIPERLAN | High Performance Radio Local Area Network |
| IMT | International Mobile Telecommunications |
| IMT-2000 | International Mobile Telecommunications-2000 |
| IMT-Advanced | International Mobile Telecommunications Advanced: requirements for 4G Standards |
| IP | Internet Protocol |
| ISDN | Integrated Services Digital Network |
| ISM | Industrial Scientific Medial |
| IALA | International Association of Lighthouse Authorities |
| IBCN | Integrated Broadband Communications Network |
| ILS | Instrument Landing System |
| IMO | International Maritime Organisation |
| IMT |  International Mobile Telecommunications |
| ISM |  Industrial, Scientific and Medical |
| ITS | Intelligent Transport Systems |
| ITU | International Telecommunication Union |
| JTIDS |  Joint Tactical Information Distribution System |
| LAN | Local Area Network |
| LMDS | Local Microwave (or Multipoint) Distribution Service |
| LTE | Long Term Evolution |
| LAES | Location Application for Emergency Services |
| LDC | Low Duty Cycle |
| LEST  | Low E.i.r.p. Satellite Terminals |
| LPR | Level Probing Radar |
| LT2 | Location Tracking Type 2 |
| LP-AMI | AMI - Low Power Active Medical Implants |
| MFCN | Mobile / Fixed Communication Networks |
| MGWS | Multi Gigabit Wireless Systems |
| MIMO | Multiple Input Multiple Output |
| MMDS | Multichannel Multipoint Distribution Service, |
| MP-MP | Multipoint-to-Multipoint |
| MSS | Mobile Satellite System |
| MW | Microwave |
| MWA | Mobile Wireless Access |
| MWS | Multimedia Wireless System |
| MIDS | Multifunctional Information Distribution System |
| MCA | Mobile Communications Services on Board Aircraft |
| MCV | Mobile Communication Services on Board Vessels |
| MES | Mobile Earth Stations |
| MFCN | Mobile/Fixed Communications Networks |
| ML | Mobile Link (Mobile station transmits) |
| MLS | Microwave Landing System |
| MSI | Maritime Safety Informatio |
| MSS | Mobile-Satellite Service |
| MWS | Multimedia Wireless System |
| NLOS | Non Line of Sight |
| NWA | Nomadic Wireless Access |
| NATO | North Atlantic Treaty Organisation |
| NAVTEX | Narrow-band direct-printing telegraphy system for transmission of navigational andmeteorological warnings and urgent information to ships |
| NDB  | Non-Directional Beacon |
| NJFA | NATO Joint Civil/Military Frequency Agreement |
| ODU | Outdoor Unit |
| OFCOM | Office Of Communications |
| OFDM | Orthogonal Frequency-Division Multiplexing |
| OFDMA | Orthogonal Frequency-Division Multiple Access |
| OB  | Outside Broadcasting |
| (OR) | Off-Route |
| ODC | Object Discrimination and Characterisation |
| PABX | Private Automatic Branch Exchange |
| PAMR | Public Access Mobile Radio |
| PDH | Plesiochronous Digital Hierarchy |
| PES | Permanent Earth Station |
| PHY | Physical |
| P-MP | Point-to-Multipoint |
| PMR | Professional (or Private) Mobile Radio |
| P-P | Point-to-Point |
| PSK | Phase-Shift Keying |
| PSTN | Public Switched Telecommunication Network |
| PTT | Post and Telecommunication |
| PW | Pseudo Wire |
| PAMR  | Public Access Mobile Radio |
| PKO | Peace Keeping Operations |
| PMR | Professional Mobile Radio, Private Mobile Radio |
| PPDR | Public Protection and Disaster Relief |
| PWAP | Private Wide Area Paging |
| QAM | Quadrature Amplitude Modulation |
| QLOS | Quasi Line of Sight |
| QoS | Quality of Service |
| QPSK | Quaternary Phase-Shift Keying |
| R&TTE | Radio Equipment and Telecommunications Terminal Equipment |
| RA | Radio Astronomy |
| REC | Recommendation |
| RFID | Radio Frequency Identification |
| RLANS | Radio Local Area |
| RR - ITU | ITU Radio Regulations |
| RTTT | Road Transport & Traffic Telematics |
| RAS | Radio Astronomy Service |
| RBER | Residual BER |
| RPE | Radiation Pattern Envelope |
| RR | Radio Regulations |
| RRL | Radio Relay Link |
| RSL | Received Signal Level |
| SDH | Synchronous Digital Hierarchy |
| SME | Small Medium Enterprise |
| SOHO | Small Office Home Office |
| SRD | Short Range Device |
| SAB | Services Ancillary to Broadcasting |
| SAP | Services Ancillary to Programming |
| SAR(communications)  | Search and Rescue |
| S-DAB | Satellite Digital Audio Broadcasting |
| s/E (space-to-Earth) | space-to-Earth direction |
| SIT | Satellite Interactive Terminal |
| SNG | Satellite News Gathering |
| S-PCS | Satellite Personal Communication System |
| SRD | Short Range Device |
| SRR | Short Range Radar |
| SRS | Space Research Service |
| SSR | Secondary Surveillance Radar |
| SUT | Satellite User Terminal |
| TDD | Time Division Duplex |
| TDM | Time-Division Multiplexing |
| TDMA | Time-Division Multiple Access |
| TACAN | Tactical Air Navigation |
| T-DAB | Terrestrial Digital Audio Broadcasting |
| TDD | Time Division Duplex |
| TETRA | Terrestrial Trunked Radio |
| TRA-ECS | Terrestrial Radio Applications Capable of Providing Electronic Communications Services |
| TLPR | Tank Level Probing Radar |
| TRR | Tactical Radio Relays |
| TS - Terminal Station | Terminal Station |
| TV | Television |
| UHF | Ultra High Frequency (300 MHz – 3 GHz) |
| UMTS | Universal Mobile Telecommunications System |
| UWB | Ultra Wide Band |
| UIC  | International Union for Railways |
| ULP-AMI | Ultra Low Power Active Medical Implants |
| UWB | Ultra – Wideband |
| VCO | Voltage-Controlled Oscillator |
| VHF | Very High Frequency (30 – 300 MHz) |
| VSAT | Very Small Aperture Terminal |
| VLBI | Very Long Baseline Interferometry (Radio Astronomy) |
| VOR - VHF | VOR - VHF |
| VTS | Vessel Traffic System (radar) |
| WiMAX | Worldwide Interoperability for Microwave Access |
| WAS | Wireles Acces System |
| WRC | World Administrative Radio Conference |
| WRC | World Radiocommunications Conference |
| XPIC | Cross Polarization Interference Cancellation |