

Radio Standards

Application	Radio Standards	EMC Standards	Safety Standards
Land Mobile Radio (Analogue Speech)	EN 300 086	EN 301 489-5	
Land Mobile Radio (Transmission of data and/or speech)	EN 300 113	EN 301 489-5	
Land Mobile Radio (CB Radio)	EN 300 135	EN 301 489-13	
Land Mobile Radio Equipment transmitting signals to initiate a specific response in the receiver	EN 300 219		
Short Range Devices (SRD) 25 MHz - 1000 MHz	EN 300 220	EN 301 489-3	
On-site Paging Service	EN 300 224	EN 301 489-2	
Survival craft portable VHF radio telephone apparatus	EN 300 225		
Land Mobile Radio (Integral antennas, Analogue speech)	EN 300 296	EN 301 489-5	
Wideband Data 2.4 GHz ISM band	EN 300 328	EN 301 489-17	
Short Range Devices (SRD) 9 kHz - 25 MHz & Inductive loop systems 9 kHz - 30 MHz	EN 300 330	EN 301 489-3	
Land Mobile Radio Integral antenna transmitting signals to initiate a specific response in the receiver	EN 300 341		
Land Mobile Radio Transmission of data (and speech), Integral antenna	EN 300 390	EN 301 489-5	
Wireless microphones 25 MHz - 3 GHz	EN 300 422	EN 301 489-9	
Short Range Devices (SRD) 1 GHz - 40 GHz	EN 300 440	EN 301 489-3	EN 50371, EN 50364
Wide band audio links		EN 301 489-9	
Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers	EN 300 676-2		
Ultra-High Frequency (UHF) on-board vessels communications systems and equipment	EN 300 720		
Fixed Radio Systems Point-to-Multipoint	EN 301 126-2-3		
Land Mobile Radio Analogue and/or digital communication (speech and/or data)	EN 301 166		
Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only)	EN 301 178		
Cordless audio devices in the range 25 MHz - 2000 MHz	EN 301 357	EN 301 489-9	
Digital Enhanced Cordless Telecommunications (DECT)		EN 301 489-6	
Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements	EN 301 489-1		
Land Mobile Services Commercial amateur radio equipment	EN 301 783	EN 301 489-15	
Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN	EN 301 893		
Transmitting equipment for the Frequency Modulated (FM) sound broadcasting service			EN 60215, EN 50385
Wireless Video Links (WVL) 1.3 GHz - 50 GHz	EN 302 064	EN 301 489-28	
Short Range Devices (SRD) using Ultra Wide Band technology (UWB)	EN 302 065		
Ground- and Wall- Probing Radar applications (GPR/WPR) imaging systems	EN 302 066	EN 301 489-33	
Fixed Radio Systems Point to point equipment and antennas	EN 302 217-2-2	EN 301 489-4	EN 60215, EN 50385
Fixed Radio Systems Digital Multipoint Equipment and Antennas	EN 302 326	EN 301 489-4	
Transmitting equipment for the digital television broadcast service, Terrestrial (DVB-T)	EN 302 296		

Wireless Access Systems (WAS); 5,8 GHz fixed broadband data transmitting systems	EN 302 502	EN 301 489-17	
Short Range Devices (SRD); Tank Level Probing Radar (TLPR) equipment operating in the frequency ranges 4,5 GHz to 7 GHz, 8,5 GHz to 10,6 GHz, 24,05 GHz to 27 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz	EN 303 372		
Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers	EN 303 413	EN 301 489-19	
Fixed Microwave Services	FCC Part 101		
Radio Frequency Devices	FCC Part 15		
Radio Frequency Devices; Unintentional Radiators	FCC Part 15B		
Radio Frequency Devices; Intentional Radiators	FCC Part 15C		
Radio Frequency Devices; Unlicensed National Information Infrastructure Devices	FCC Part 15E		
Radio Frequency Devices; Ultra-Wideband Operation	FCC Part 15F		
Industrial, Scientific, and Medical equipment (ISM)	FCC Part 18		
Public mobile services (air-ground radiotelephone, commercial aviation air ground service, cellular, offshore radiotelephone service, rural radiotelephone service, and commercial paging).	FCC Part 22		
Personal Communications Services (PCS)	FCC Part 24		
Satellite Communications	FCC Part 25		
Miscellaneous Wireless Communications Service	FCC Part 27		
Upper Microwave Flexible Use Service	FCC Part 30		
Radio Broadcast Services	FCC Part 73		
Experimental Radio, Auxiliary, Special broadcast and other Program distributional services.	FCC Part 74		
Private Land Mobile Radio Services (PLMRS)	FCC Part 90		
Personal Radio Services (PRS)	FCC Part 95		
Citizens Broadband Radio Service	FCC Part 96		
Amateur Radio Service (ham radio)	FCC Part 97		
Spectrum management and telecommunications policy; Information technology equipment (ITE)	ICES-003		
Radio Transmitters and Receivers Operating in the Land Mobile and Fixed Services 27.41 MHz - 960 MHz	RSS-119		
Licensed Low-Power Radio Apparatus	RSS-123		
Equipment Operating in the 617 - 787 MHz Band	RSS-130		
Zone enhancers, including Distributed Antenna Systems (DASs) and External Radio Frequency Power Amplifiers (ERFPAs), used in conjunction with licensed radio equipment in certain radio services	RSS-131		
Cellular Telephone Systems operating in the 824 - 894 MHz Band	RSS-132		
Personal Communications Services (PCS) in the 1850 - 1995 MHz Band	RSS-133		
Wireless equipment operating in the Bands 1710 - 2180 MHz	RSS-139		
Wireless equipment operating in the Bands 2305 - 2360 MHz	RSS-195		
Broadband equipment operating in the Band 2500 - 2690 MHz	RSS-199		
Licence-exempt Radio Apparatus	RSS-210		
Devices Using Ultra-Wideband (UWB) Technology	RSS-220		
Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices	RSS-247		
General Requirements for Compliance of Radio Apparatus	RSS-GEN		

Measurement Procedures	Standards
Land Mobile FM or PM Communications Equipment Measurement and Performance Standards	TIA-603-D
American National Standard for Methods of Measurement of Radio - Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	ANSI C63.4
American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices	ANSI C63.10
American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services	ANSI C63.26