

S.No.	GSR No.	GSR Date	Frequency Band	Magnetic Field Strength Limit	Spectrum access and mitigation requirements	Purpose/ Applications	Remarks	EN No.
1	GSR 870(E)	21.12.2021	9-90 kHz	72 dBμA/m at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	-	EN 300 330
2	GSR 870(E)	21.12.2021	90-119 kHz	42 dBμA/m at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	-	EN 300 330
3	GSR 870(E)	21.12.2021	119-135 kHz	66 dBμA/m at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	-	EN 300 330
4	GSR 870(E)	21.12.2021	135-140 kHz	42 dBμA/m at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	-	EN 300 330
5	GSR 870(E)	21.12.2021	140-148.5 kHz	37.7 dBμA/m at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	-	EN 300 330
6	GSR 870(E)	21.12.2021	3155-3400 kHz	13.5 dBμA/m at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	-	EN 300 330

7	GSR 870(E)	21.12.2021	148.5-5000 kHz except the sub-band metion at S.No 6 above	-15 dBμA/m (H-field Strength) at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	in case of external antennas only loop coil antennas may be employed. The maximum magnetic field strength is specified in a bandwidth of 10 kHz. The maximum allowed total magnetic field strength is -5 dBμA/m at 10m for system operation at bandwidths larger than 10 kHz whilst	EN 300 330
8	GSR 870(E)	21.12.2021	7400-8800 kHz	9 dBμA/m at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	-	EN 300 330
9	GSR 870(E)	21.12.2021	10200-11000 kHz	9 dBμA/m at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	-	EN 300 330

10	GSR 870(E)	21.12.2021	5000-30000 kHz except the sub bands mentaioned at S.No. 8, 9 and 6765-6795 kHz	-20 dBμA/m at 10m distance	No requirement	Use of Very Low Power Radio Frequency Devices or Equipments for Inductive Applications	In case of external antennas only loop coil antennas may be employed. The maximum magnetic field strength is specified in a bandwidth of 10 kHz. The maximum allowed total magnetic field strength is -5 dBμA/m at 10m for system operation at bandwidths larger than 10 kHz whilst	EN 300 330
11	GSR 1047(E)	18.10.2018	6765-6795 kHz	42 dBμA/m at 10 meters	-	Use of Low Power and Very Low Power Short Radio Frequency Devices for Inductive Application	-	EN 300 330
12	GSR 696(E)	16.09.2015	36-38 MHz	50m W, maximum audio channel bandwidth of 200 kHz	-	Use of Very Low Power Radio Frequency Devices or Equipments for wireless microphones	-	-
13	GSR 1047(E)	18.10.2018	30-37.5 MHz	1 mW e.r.p	-	This set of usage conditions is only available to ultra-low power medical membrane implants for blood pressure measurements within the definition of active implantable medical devices in Directive 90/385/EEC.	Duty cycle limit: 10%	EN 302 510

14	GSR 1047(E)	18.10.2018	87.5-108 MHz	50 nW e.r.p	-	Use of Low Power and Very Low Power Short Range Radio Frequency Devices in High duty cycle	-	EN 301 357
15	GSR 1047(E)	18.10.2018	169.4-169.475 MHz	500 mW e.r.p	-	Use of low power and very low power short range devices	Channel spacing: max 50 kHz. Duty cycle limit: 1.0%. For Metering devices.	EN 300 220
						Non-Specific Short Range Device		
16	GSR 1047(E)	18.10.2018	169.4-169.4875 MHz	10 mW e.r.p	-	Use of low power and very low power short range devices	Duty cycle limit is 0.1%	EN 300 220
						Non-Specific Short Range Device		
17	GSR 1047(E)	18.10.2018	169.4875-169.5875 MHz	10 mW e.r.p	-	Use of low power and very low power short range devices	Duty cycle limit is 0.001%	EN 300 220
						Non-Specific Short Range Device		
18	GSR 1047(E)	18.10.2018	169.5875-169.8125 MHz	10 mW e.r.p	-	Use of low power and very low power short range devices	Duty cycle limit: 0.1%	EN 300 220
						Non-Specific Short Range Device		
19	GSR 1047(E)	18.10.2018	169.4-169.475 MHz	500 mW e.r.p	-	Use of low power and very low power short range devices as Assistive listening device	Channel spacing: less than 50 kHz	EN 300 422
20	GSR 1047(E)	18.10.2018	169.4875-169.5875 MHz	500 mW e.r.p	-	Use of low power and very low power short range devices as Assistive listening device	Channel spacing: max 50 kHz	EN 300 422
21	GSR 532(E)	12.08.2005	335.7125 MHz, 335.7375 MHz, 335.7625 MHz, 335.7875 MHz, 335.8125 MHz, 335.8375 MHz	1m W	-	Use of low power equipment in the 335 MHz band for remote control of cranes	Emission - 10K0FID, Inbuilt Antenna	-

22	GSR 1047(E)	18.10.2018	401-402 MHz	25 ?W e.r.p	-	<p>This set of usage conditions is only available for systems specifically designed for the purpose of providing non-voice digital communications between active implantable medical devices and/or body worn devices and other devices external to the human body used for transferring non-time-critical individual patient related physiological information.</p>	<p>Channel spacing: 25 kHz. Individual transmitters may combine adjacent channels for increased bandwidth up to 100 kHz. Alternatively, a duty cycle limit of 0.1% may also be used.</p>	EN 302 537
23	GSR 673(E)	23.09.2008	402-405 MHz	25?W e.r.p, with channel emission bandwidth within 300KHz	-	<p>Use of very power remote cardiac monitoring radio frequency wireless medical devices, medical implant communication systems (MICS) or medical implant Telemetry systems and other such very low power medical radio frequency wireless devices</p>	Built in Antenna	-

24	GSR 1047(E)	18.10.2018	405-406 MHz	25 ?W e.r.p	-	This set of usage conditions is only available for systems specifically designed for the purpose of providing non-voice digital communications between active implantable medical devices and/or body worn devices and other devices external to the human body used for transferring non-time-critical individual patient related physiological information.	channel spacing: 25 kHz. Individual transmitters may combine adjacent channels for increased bandwidth up to 100 kHz. Alternatively, a duty cycle limit of 0.1% may also be used.	EN 302 537
25	GSR 680(E)	12.09.2012	433-434 MHz	10 mW with a channel bandwidth within 10 kHz	-	use of very low power devices or equipment for indoor application	Built in only	-
26	GSR 698(E)	16.09.2015	433-434.79 MHz	10 mW e.r.p with maximum channel bandwidth of 10 kHz	-	Use of very low power radio frequency devices or equipment including Radio Frequency Identification Devices	Duty cycle limit 10%	-
27	GSR 1047(E)	18.10.2018	446.0-446.2MHz	500 mW e.r.p	-	Use of low power and very low power short range radio frequency device for Personal Mobile radio 446 MHz device	Channel spacing: 6.25 kHz and 12.5 kHz	EN 300 113-2, EN 301 166-2, EN 300 296-2
28	GSR 564 (E)	30.07.2008	865-867 MHz	1 W transmitter power, 4 W e.r.p and 200 kHz carrier bandwidth	-	Use of Low Power equipment in frequency band 865-867 MHz for Radio Frequency Identification Devices(RFID)	-	-

29	GSR 1047(E)	18.10.2018	2400-2483.5 MHz	25 mW e.i.r.p	-	Use of very low power and very low power short range radio frequency devices for Radio determination device	-	EN 300 440
30	GSR 1047(E)	18.10.2018	2400-2483.5 MHz	10 mW e.i.r.p	-	Use of low power and very low power short range radio frequency device for Non-Specific Short Range Device		EN 300 440
31	GSR 1047(E)	18.10.2018	2446-2454 MHz	500 mW e.i.r.p	-	Use of low power and very low power short range radio frequency device for Radio frequency identification device		EN 300 440
32	GSR 1047(E)	18.10.2018	2483.5-2500 MHz	10 mW e.i.r.p	-	Use of low power and very low power short range radio frequency devices- Active medical implant Device	Channel spacing 1 MHz , The whole frequency band may also be used dynamical ly as a single channel for high speed data transmissions. Duty cycle limit:10%	EN 301 559
33	GSR 1048(E)	18.10.2018	5150-5250 MHz,5250-5350 MHz, 5470-5725 MHz	26 dB emission bandwidth	-	Use of wireless Access System Including Radio Local Area Network in 5GHz	-	-
34	GSR 1047(E)	18.10.2018	5725-5875 MHz	25 mW e.i.r.p	-	Use of low power and very low power short range radio frequency device-Non-Specific Short Range Device	-	EN 300 440

35	GSR 1047(E)	18.10.2018	24.05-24.075 GHz	100 mW e.i.r.p	-	Use of low power and very low power short range radio frequency devices-Transport and traffic telematics device	-	EN 302 858
36	GSR 1047(E)	18.10.2018	24.075-24.15 GHz	100 mW e.i.r.p	-	Use of low power and very low power short range radio frequency devices- Transport and traffic telematics device. This set of usage conditions is only available to ground based vehicle radars.	-	EN 302 858-1 V 1.2.1
37	GSR 1047(E)	18.10.2018	24.075-24.15 GHz	0.1 mW e.i.r.p	-	Use of low power and very low power short range radio frequency devices- Transport and traffic telematics device.	-	EN 302 858
38	GSR 1047(E)	18.10.2018	24.15-24.25 GHz	100 mW e.i.r.p	-	Use of low power and very low power short range radio frequency devices- Transport and traffic telematics device.	-	EN 302 858
39	GSR 1047(E)	18.10.2018	24.25-24.495 GHz	-11 dBm e.i.r.p	-	Use of low power and very low power short range radio frequency devices- Transport and traffic telematics device. This set of usage conditions is only available to ground based vehicle radars.	Duty cycle limits and frequency modulation ranges apply as specified in EN 302 858-1 v1.3.1	EN 302 858

40	GSR 1047(E)	18.10.2018	24.25-24.5 GHz	20 dBm e.i.r.p (forward facing radars), 16 dBm e.i.r.p. (rear facing radars)	-	Use of low power and very low power short range radio frequency devices- Transport and traffic telematics device.	Duty cycle limits and frequency modulation ranges apply as specified in EN 302 858-1 v1.3.1	EN 302 858
41	GSR 1047(E)	18.10.2018	24.495-24.5 GHz	-8 dBm e.i.r.p	-	Use of low power and very low power short range radio frequency devices- Transport and traffic telematics device.	Duty cycle limits and frequency modulation ranges apply as specified in EN 302 858-1 v1.3.1	EN 302 858
42	GSR 1047(E)	18.10.2018	24.15-24.25 GHz	100 mW e.i.r.p	-	Use of low power and very low power short range radio frequency devices-Non-Specific Short Range Device	-	EN 300 440
43	GSR 1047(E)	18.10.2018	61-61.5 GHz	100 mW e.i.r.p	-	Use of low power and very low power short range radio frequency devices-Non-Specific Short Range Device	-	EN 305 550
44	GSR 699(E)	16.09.2015	76-77 GHz	5 W (37 dBm)	-	Use of very low power radio frequency devices or equipment for Short Range Radar System	-	-

45	GSR 1046(E)	18.10.2018	Frequency range 1)1.6 GHz to 10.6 GHz and 2) above 10.6 GHz frequency band	-	-	Use of very low power Ultra wide band device such as 1) Generic ultra wideband device usage, 2) Location Tracking system, 3) Ultra wideband device installed in road and rail vehicle, 4) Material sensing device using wideband technology, 5) Building material analysis device	-	EN 302 065-1,EN302 065-2,EN302 065-3
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