Publication in accordance with Article 1(3) of Commission Decision 2000/299/EC (Version July 2014)

In accordance with Article 1(3) of Commission Decision 2000/299/EC[1] the table below contains a list of equipment falling within the scope of 'Class 1'[2].

Subclass of Class 1[3]	Application	Frequency band(s)	Comments
01	ISDN (ISDN Basic Rate, ISDN Primary Rate, ISDN U, Broadband ISDN ATM) No description		
07	Receive-only radio equipment	9 kHz - 3000 GHz	
09a	Radio equipment which can only transmit under the control of a licensed public mobile radio network		
09b	Radio equipment which can only transmit under the control of a licensed non-public mobile radio network		
11	MSS Earth Stations	1 525.0 - 1 660.5 MHz	
12	MSS Earth Stations	10.70 - 14.25 GHz	
13	PPDR end-user equipment	380 - 395 MHz	
14	MSS Earth Stations	1 610 - 2 500 MHz	
15	MSS Earth Stations	1 980 - 2 200 MHz	
16	MSS Earth Stations	1 525.0 - 1 660.5 MHz	
18	DECT	1880 - 1900 MHz	
19	Non-specific short range devices	40.660 - 40.700 MHz	
20	Non- specific short range devices	433.050 - 434.790 MHz	
21	Non- specific short range devices	2 400 - 2 483.5 MHz	
22	Wideband Data Transmission Systems	2400 - 2483.5 MHz	
24	Non- specific short range devices	13 553 - 13 567 kHz	
25	Non- specific short range devices	26.957 - 27.283 MHz	
26	Radio determination applications	2400 - 2483.5 MHz	
27	Non- specific short range devices	24.150 - 24.250 GHz	
28	Non- specific short range devices	868.000 - 868.600 MHz	
29	Non- specific short range devices	868.700 - 869.200 MHz	
30	Non- specific short range devices	869.400 - 869.650 MHz	Rev. of ed. June 2012

[1] COMMISSION DECISION of 6 April 2000 establishing the initial classification of radio equipment and telecommunications terminal equipment and associated identifiers (2000/299/EC)

[2] 'Class 1' as set out in Article 1(1) of Decision 2000/299/EC

[3] To access directly the subclass (.doc version of this document) press CTRL + Click on the subclass number

31	Non- specific short range devices	869.700 - 870.000 MHz	
32	Alarms	868.600 - 868.700 MHz	
33	Alarms	869.250 - 869.300 MHz	
34	Alarms	869.650 - 869.700 MHz	
35	Social alarms	869.200 - 869.250 MHz	
36	Inductive applications	9.000 - 59.750 kHz	
37	Inductive applications	59.750 - 60.250 kHz	
39	Inductive applications	60.250 - 74.750 kHz	
40a	Inductive applications	74.750 - 75.250 kHz	
40b	Inductive applications	75.250 - 77.250 kHz	
40c	Inductive applications	77.250 - 77.750 kHz	
40d	Inductive applications	77.750 - 90 kHz	
40e	Inductive applications	90 - 119 kHz	
41	Inductive applications	119 - 128.6 kHz	
42a	Inductive applications	128.6 - 129.6 kHz	
42b	Inductive applications	129.6 - 135 kHz	
43	Non- specific short range devices	5 725 - 5 875 MHz	
44	Non- specific short range devices	6765 - 6795 kHz	
45	Inductive applications	7 400 - 8 800 kHz	
47	Active medical implants	402 - 405 MHz	
48	Wireless audio and multimedia streaming applications	863 - 865 MHz	Rev. of ed. June 2012
49	Detection of avalanche victims	457 kHz	
50	Transport and traffic telematics	76 - 77 GHz	Rev. of ed. June 2012
51	PMR446 Analog	446.0 - 446.1 MHz	
52	Transport and traffic telematics	21.65 - 26.65 GHz	Rev. of ed. June 2012
53	Transport and traffic telematics	77 - 81 GHz	Rev. of ed. June 2012
54	Wireless Access Systems including Radio Local Area Networks (WAS/RLANs)	5470 - 5725 MHz	Rev. of ed. June 2012
56	Radio Frequency Identification Devices	865-868 MHz	
57a	Equipment using Ultra-Wideband Technology	9 kHz - 3 000 GHz	Replaced by subclass H02a-f on July 2014
57b	Equipment using Ultra-Wideband Technology	4.2 - 4.8 GHz and 6.0 - 8.5 GHz	
57c	Equipment using Ultra-Wideband Technology	9 kHz - 3 000 GHz	
61	Non- specific short range devices	433.050 - 434.040 MHz	
62	Non- specific short range devices	244 - 246 GHz	
63	Non- specific short range devices	434.040 - 434.790 MHz	
64	Assistive Listening Devices	169.4875 MHz - 169.5875 MHz	Rev. of ed. June 2012
65	Non-specific short range devices	434.040 - 434.790 MHz	
66	Non- specific short range devices	863.000 - 865.000 MHz	
67	Non- specific short range devices	865.000 - 868.000 MHz	
68	Assistive Listening Devices	169.4 - 169.475 MHz	Rev. of ed. June 2012
69	Non- specific short range devices	869.700 - 870.000 MHz	
70	Social alarms	169.5875 - 169.6 MHz	
71	Non- specific short range devices	61.0 - 61.5 GHz	
72	Alarms	869.300 - 869.400 MHz	

73	Inductive applications	140 - 148.5 kHz	
74	Inductive applications	148.5 - 5 000 kHz	
75	Inductive applications	400 - 600 kHz	
76	Inductive applications	3 155 - 3 400 kHz	
77	Inductive applications	5 000 - 30 000 kHz	
78	Inductive applications	10 200 - 11 000 kHz	Rev. of ed. June 2012
79	Inductive applications	13 553 - 13 567 kHz	
80	Non- specific short range devices	169.4 - 169.475 MHz	Rev. of ed. June 2012
81	Active medical implants	9 - 315 kHz	
82	Active medical implants	30.0 - 37.5 MHz	
83	Active medical implants and associated peripherals	401 - 402 MHz	
84	Active medical implants and associated peripherals	405 - 406 MHz	
85	Animal implantable devices	315 - 600 kHz	
86	Low power FM transmitters	87.5 - 108 MHz	
87	Social alarms	169.475 - 169.4875 MHz	Replaced by subclass 128 on July 2014
88	Radio determination applications	17.1 - 17.3 GHz	
89	Radio determination devices	4.5 - 7 GHz	Rev. of ed. June 2012
90	Radio determination devices	8.5 - 10.6 GHz	Rev. of ed. June 2012
91	Radio determination devices	24.05 - 27.0 GHz	Rev. of ed. June 2012
92	Radio determination devices	57.0 - 64.0 GHz	Rev. of ed. June 2012
93	Radio determination devices	75.0 - 85.0 GHz	Rev. of ed. June 2012
94	Model control	26 990 - 27 000 kHz	
95	Model control	27 040 - 27 050 kHz	
96	Model control	27 090 - 27 100 kHz	
97	Model control	27 140 - 27 150 kHz	
98	Model control	27 190 - 27 200 kHz	
99	PMR 446 Digital	446.1 - 446.2 MHz	
100	Radio frequency identification	2 446 - 2 454 MHz	
101	Transport and traffic telematics	24.050 - 24.075 GHz	Rev. of ed. June 2012
102	Transport and traffic telematics	24.075 - 24.150 GHz	Rev. of ed. June 2012
103	Transport and traffic telematics	24.075 - 24.150 GHz	Rev. of ed. June 2012
104	Transport and traffic telematics	24.150 - 24.250 GHz	Rev. of ed. June 2012
105	Transport and traffic telematics	63 - 64 GHz	Rev. of ed. June 2012
106	Inductive applications	135 - 140 kHz	
107	Non- specific short range devices	122 - 123 GHz	
108	Transport and traffic telematics	5 725 - 5 875 MHz	Rev. of ed. June 2012
109	Transport and traffic telematics	984 – 7 484 kHz	
110	Transport and traffic telematics	7 300 – 23 000 kHz	
111	Transport and traffic telematics	24.25 - 24.495 GHz	

112	Transport and traffic telematics	24.25 - 24.5 GHz	
113	Transport and traffic telematics	24.495 - 24.5 GHz	
114	Inductive applications	6 765 – 6 795 kHz	
115	Inductive applications	26 957 – 27 283 kHz	
116	Inductive applications	13 553 – 13 567 kHz	
117	Active medical implants	2 483.5 - 2 500 MHz	
118	Non-Specific Short Range Devices	26 990 - 27 000 kHz	
119	Non-Specific Short Range Devices	27 040 - 27 050 kHz	
120	Non-Specific Short Range Devices	27 090 - 27 100 kHz	
121	Non-Specific Short Range Devices	27 140 - 27 150 kHz	
122	Non-Specific Short Range Devices	27 190 - 27 200 kHz	
123	Metering Devices	169.4 - 169.475 MHz	
124	Non-Specific Short Range Devices	169.4875 - 169.5875 MHz	
125	Non-Specific Short Range Devices	434.04 - 434.79 MHz	
126	Non-Specific Short Range Devices	57 - 64 GHz	
127	Radio determination devices	57 - 64 GHz	
128	Non-Specific Short Range Devices	169.4 - 169.4875 MHz	
129	Non-Specific Short Range Devices	169.5875 - 169.8125 MHz	
130	Non- specific short range devices	869.400 - 869.650 MHz	

European Union	Radio Interface Specification	Radio equipment which can only transmit under the control of a licensed public mobile radio network	Sub-class 9a	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service Mobile-Satellite Service	
	2	**Application**	Mobile terminals Mobile-Satellite earth stations	This subclass covers radio equipment of receive before transmit type which can only transmit under the control of a licensed public mobile radio network as eg., and not exclusively described in the ECC/DEC/(12)01 (GSM, UMTS/IMT200, LTE, Wimax, …).
	3	**Frequency band**		
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**		
	8	**Channel access and occupation rules**	Listen before transmit Control under a network	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**		
	14	**Notification number**		

	15	**Remarks**		

European Union	Radio Interface Specification	Radio equipment which can only transmit under the control of a licensed non-public mobile radio network	Sub-class 9b	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Mobile terminals	This subclass covers radio equipment of receive before transmit type which can only transmit under the control of a licensed mobile radio network providing communications to closed user group as described in the ECC/DEC/(11)04 (TETRA, TETRAPOL, DMR, ...).
	3	**Frequency band**		
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**		
	8	**Channel access and occupation rules**	Listen before transmit Control under a network	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**		
	14	**Notification number**		

	15	**Remarks**		

European Union	Radio Interface Specification	MSS Earth Stations	Sub-class 11	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Satellite Service	
	2	**Application**	Mobile Satellite Service Earth Stations	
	3	**Frequency band**	1 525.0 - 1 544.0 MHz 1 555.0 - 1 559.0 MHz 1 631.5 - 1 634.5 MHz 1 656.5 - 1 660.5 MHz	receive 1 (space-to-Earth); receive 2 (space-to-Earth); transmit 1 (Earth-to-space); transmit 2 (Earth-to-space); The use of the bands 1 544 - 1 545 MHz (space-to-Earth) and 1 645.5 - 1 646.5 MHz (Earth-to-space) is limited to distress and safety communications.
	4	**Channelling**	defined by the satellite network operator	
	5	**Modulation / Occupied bandwidth**	defined by the satellite network operator	
	6	**Direction / Separation**	defined by the satellite network operator	
	7	**Transmit power / Power density**	148 dBpW 177 - 25 log (φ) dBpW 130 dBpW	for $\varphi < 40°$; for $40° < \varphi < 75°$; for $\varphi > 75°$; (φ is the angle, in degrees, between the main beam axis and the direction considered)
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		

	11	**Frequency planning assumptions**		
Informative part	**12**	**Planned changes**		
	13	**Reference**	ECC/DEC/(07)04, ECC/DEC/(07)05 ITU RR 5.356 and 5.208B EN 301 444 and EN 301 681	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	MSS Earth Stations	Sub-class 12	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile-Satellite Service	
	2	**Application**	Mobile Satellite Service Earth Stations	
	3	**Frequency band**	10.70 - 11.70 GHz 12.50 - 12.75 GHz 14.00 - 14.25 GHz	(space-to-Earth) (space-to-Earth) (Earth to space)
	4	**Channelling**	defined by the satellite network operator	
	5	**Modulation / Occupied bandwidth**	defined by the satellite network operator	
	6	**Direction / Separation**	defined by the satellite network operator	
	7	**Transmit power / Power density**	33-25 log(φ + δφ)-10 log(K) dBW/40kHz where 2.5° ≤φ+ δφ ≤7.0° +12-10 log(K) dBW/40kHz where 7.0° < φ + δφ ≤ 9.2°; 36-25 log(φ + δφ)-10 log(K) dBW/40kHz where 9.2° <φ + δφ ≤ 48° -6-10 log(K) dBW/40 kHz where 48° <φ + δφ ≤180°	φ is the angle, in degrees, between the main beam axis and the direction considered. K is the power density ratio between the fully loaded system and a single LMES measured in a 40 kHz bandwidth
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	11	**Frequency planning assumptions**		
Informative part	**12**	**Planned changes**		
	13	**Reference**	ERC/DEC/(98)15 ERC, ECC/DEC/(05)10 and ECC/DEC/(05)11 EN 301 427 EN 302 186	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	PPDR end-user equipment	Sub-class 13	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Public Protection and Disaster Relief (PPDR)	Public Protection and Disaster Relief end user terminals. Network stations without DMO.
	3	**Frequency band**	380 - 385 MHz 390 - 395 MHz	
	4	**Channelling**	25 kHz	
	5	**Modulation / Occupied bandwidth**	π/4 shifted Differential Quaternary Phase Shift Keying“ (π/4 DQPSK)	
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	45 dBm (30W) 40 dBm (10W) 35 dBm (3W) 30 dBm (1W)	power class 1 power class 2 power class 3 power class 4
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 302 561	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	MSS Earth Stations	Sub-class 14	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile-Satellite Service	
	2	Application	Mobile Satellite Service Earth Stations	
	3	Frequency band	1 610 - 1 613.5 MHz 1 613.8 - 1 626.5 MHz 2 483.5 - 2 500 MHz	transmit (Earth-to-space) receive (space-to-Earth) receive (space-to-Earth)
	4	Channelling	defined by the satellite network operator	
	5	Modulation / Occupied bandwidth	defined by the satellite network operator	
	6	Direction / Separation	defined by the satellite network operator	
	7	Transmit power / Power density	-3 dB (W/4 kHz), (mean limit) -15 dB (W/4 kHz), (peak limit)	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	ECC/DEC/(07)04, ECC/DEC/(07)05 EN 301 441 and EN 301 473	
	14	Notification number		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	MSS Earth Stations	Sub-class 15	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile-Satellite Service	
	2	Application	Mobile Satellite Service Earth Stations	
	3	Frequency band	1 980 - 2 010 MHz 2 170 - 2 200 MHz	transmit (Earth-to-space); receive (space-to-Earth);
	4	Channelling	defined by the satellite network operator	
	5	Modulation / Occupied bandwidth	defined by the satellite network operator	
	6	Direction / Separation	defined by the satellite network operator	
	7	Transmit power / Power density	defined by the satellite network operator	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 301 442, EN 301 473 and EN 302 574 Commission Decision 2007/98/EC	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	MSS Earth Stations	Sub-class 16	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile-Satellite Service	
	2	**Application**	Mobile Satellite Service Earth Stations	Low data rate LMES applications
	3	**Frequency band**	1 525.0 MHz - 1 544.0 MHz 1 555.0 MHz - 1 559.0 MHz 1 626.5 MHz - 1 645.5 MHz 1 656.5 MHz - 1 660.5 MHz	receive 1 (space-to-Earth); receive 2 (space-to-Earth); transmit 1 (Earth-to-space); transmit 2 (Earth-to-space); The use of the bands 1 544 - 1 545 MHz (space-to-Earth) and 1 645.5 - 1 646.5 MHz (Earth-to-space) is limited to distress and safety communications.
	4	**Channelling**	defined by the satellite network operator	
	5	**Modulation / Occupied bandwidth**	defined by the satellite network operator	
	6	**Direction / Separation**	defined by the satellite network operator	
	7	**Transmit power / Power density**	defined by the satellite network operator	
	8	**Channel access and occupation rules**	defined by the satellite network operator	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Info	12	**Planned changes**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	13	**Reference**	ITU RR 5.208B EN 301 426	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	DECT	Sub-class 18	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	DECT	
	3	Frequency band	1880 - 1900 MHz	
	4	Channelling	1728 kHz	
	5	Modulation / Occupied bandwidth	See EN 301 406	
	6	Direction / Separation	TDD	See EN 301 406
	7	Transmit power / Power density	250 mW peak e.r.p. (peak radiated power over time-slot)	Type of Antenna: integral or dedicated
	8	Channel access and occupation rules	Instant Dynamic Channel Selection	See EN 301 406
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 301 406 Council Directive 91/287/EEC	
	14	Notification number		
	15	Remarks	Sub-class H10 of Class 2 covers other categories of DECT equipment	

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 19	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	Video applications are excluded
	3	Frequency band	40.660 - 40.700 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	10 mW e.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 20	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Analogue audio applications other than voice are excluded. Analogue video applications are excluded
	3	**Frequency band**	433.050 - 434.790 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	10 mW e.r.p.	
	8	**Channel access and occupation rules**	Duty cycle ≤ 10 %	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 21	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	2 400 - 2 483.5 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	10 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 440-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Wideband Data Transmission Systems	Sub-class 22	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Wideband Data Transmission Systems	
	3	**Frequency band**	2400 - 2483.5 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	100 mW eirp and 100 mW/100 kHz e.i.r.p. density applies when frequency hopping modulation is used, 10 mW/MHz e.i.r.p. density applies when other types of modulation are used	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 328 must be implemented	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 328 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 24	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	13 553 - 13 567 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 25	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	Including inductive applications
	3	Frequency band	26.957 - 27.283 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	10 mW effective radiated power (e.r.p.) 42 dBµA/m at 10 metres	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio determination applications	Sub-class 26	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Radio determination applications	
	3	Frequency band	2 400 - 2 483.5 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	25 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 440-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 27	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	24.150 - 24.250 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 440-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 28	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Analogue video applications are excluded
	3	**Frequency band**	868.000 - 868.600 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	25 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 1 % may also be used	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 29	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Analogue video applications are excluded
	3	**Frequency band**	868.700 - 869.200 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	25 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 0.1 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 30	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Analogue video applications are excluded
	3	**Frequency band**	869.400 - 869.650 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	500 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 10 % may also be used	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 31	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	Audio and video applications are excluded
	3	Frequency band	869.700 - 870.000 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	5 mW e.r.p.	
	8	Channel access and occupation rules	Voice applications allowed with advanced mitigation techniques	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Alarms	Sub-class 32	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Alarms	
	3	**Frequency band**	868.600 - 868.700 MHz	
	4	**Channelling**	25 kHz The whole frequency band may also be used as a single channel for high- speed data transmission	
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	10 mW e.r.p.	
	8	**Channel access and occupation rules**	Duty cycle ≤ 1.0 %	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Alarms	Sub-class 33	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Alarms	
	3	Frequency band	869.250 - 869.300 MHz	
	4	Channelling	25 kHz	
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	10 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Alarms	Sub-class 34	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Alarms	
	3	Frequency band	869.650 - 869.700 MHz	
	4	Channelling	25 kHz	
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	25 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 10 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Social alarms	Sub-class 35	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Social alarms	Social alarm devices are used to assist elderly or disabled people when they are in distress.
	3	**Frequency band**	869.200 - 869.250 MHz	
	4	**Channelling**	25 kHz	
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	10 mW e.r.p.	
	8	**Channel access and occupation rules**	Duty cycle ≤ 0.1 %	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 36	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	9.000 - 59.750 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	72 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 37	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	59.750 - 60.250 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 39	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	60.250 - 74.750 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	72 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 40a	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	74.750 - 75.250 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 40b	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	75.250 - 77.250 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	72 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 40c	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	77.250 - 77.750 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 40d	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	77.750 - 90 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	72 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 40e	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	90 - 119 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 41	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	119 - 128.6 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	66 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 42a	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	128.6 - 129.6 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 42b	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	129.6 - 135 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	66 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 43	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	5 725 - 5 875 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	25 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 440-2 EN 300 674-2-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 44	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Including inductive applications
	3	**Frequency band**	6765 - 6795 kHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	42 dBµA/m at 10 metres	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 45	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	7 400 - 8 800 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	9 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Active medical implants	Sub-class 47	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Active medical implants	This category covers the radio part of active implantable medical devices, as defined in Council Directive 90/385/EEC of 20 June 1990 on the approximation of the laws of the Member States relating to active implantable medical devices (OJ L 189, 20.7.1990, p. 17)
	3	**Frequency band**	402 - 405 MHz	
	4	**Channelling**	Channel spacing: 25 kHz Individual transmitters may combine adjacent channels for increased bandwidth up to 300 kHz.	
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	25 µW e.r.p.	
	8	**Channel access and occupation rules**	Other techniques to access spectrum or mitigate interference, including bandwidths greater than 300 kHz, can be used provided they result at least in an equivalent performance to the techniques described in EN 301 839-2 to ensure compatible operation with the other users and in particular with meteorological radiosondes.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	11	**Frequency planning assumptions**		
Informative part	**12**	**Planned changes**		
	13	**Reference**	EN 301 839-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Wireless audio and multimedia applications	Sub-class 48	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Wireless audio and multimedia streaming applications	
	3	Frequency band	863 - 865 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	10 mW e.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 301 357-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Dectection of avalanche victims	Sub-class 49	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Detection of avalanche victims	
	3	Frequency band	456.9-457.1 kHz	*Center frequency is 457 kHz*
	4	Channelling		
	5	Modulation / Occupied bandwidth	Unmodulated Continuous Wave (CW)	
	6	Direction / Separation		
	7	Transmit power / Power density	7 dBµA/m at 10 m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements	According Decision 2001/148/EC	
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 718-2 EN 300 718-3	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 50	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions applies to ground based vehicle and infrastructure systems only
	3	Frequency band	76.0 - 77.0 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	55 dBm peak e.i.r.p. and 50 dBm mean e.i.r.p. and 23.5 dBm mean e.i.r.p. for pulse radars	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 301 091-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	PMR446 Analog	Sub-class 51	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	PMR446 Analog	Audio and voice tranmission
	3	Frequency band	446.0 - 446.1 MHz	Carrier frequencies: 446.00625, 446.01875, 446.03125, 446.04375, 446.05625, 446.06875, 446.08125, 446.09375 MHz
	4	Channelling	12.5 kHz	
	5	Modulation / Occupied bandwidth	Angle modulation	
	6	Direction / Separation		
	7	Transmit power / Power density	500 mW e.r.p.	Integral antenna only
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 296-2 ERC/DEC/(98)25	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 52	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	Automotive Short Range Radars
	3	Frequency band	21.65 - 26.65 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	0 dBm/50 MHz peak e.i.r.p. - 41.3 dBm/MHz mean e.i.r.p. density	For frequencies below 22 GHz, the maximum mean power density shall be limited to - 61.3 dBm/MHz e.i.r.p. The 24.05 to 24.25 GHz radio spectrum band is designated for the narrow-band emission mode/component, which may consist of an unmodulated carrier, with a maximum peak power of 20 dBm e.i.r.p. and a duty cycle limited to 10 % for peak emissions higher than - 10 dBm e.i.r.p
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Information	12	Planned changes		
	13	Reference	EN 302 288-2	

			Commission Decision 2005/50/EC as amended by Commission Decision 2011/485/EU	
	14	**Notification number**		
	15	**Remarks**		.

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 53	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Transport and traffic telematics	Automotive Short Range Radars
	3	**Frequency band**	77 GHz - 81 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	55 dBm peak e.i.r.p. - 3 dBm/MHz mean e.i.r.p. density - 9 dBm/MHz mean e.i.r.p. density outside a vehicle resulting from the operation of one short-range radar	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 302 264-2 Commission Decision 2004/545/EC	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Wireless Access Systems including Radio Local Area Networks (WAS/RLANs)	Sub-class 54	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Wireless Access Systems including Radio Local Area Networks (WAS/RLANs)	
	3	**Frequency band**	5 470 – 5 725 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	1 W mean e.i.r.p. 50 mW/MHz mean e.i.r.p. density in any 1 MHz band.	Devices shall employ transmitter power control (TPC), which provides, on average, a mitigation factor of at least 3 dB on the maximum permitted output power of the systems. If transmitter power control is not in use, the maximum permitted mean e.i.r.p. and the corresponding mean e.i.r.p. density limits shall be reduced by 3 dB.
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 301 893 must be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

Informative part	**12**	**Planned changes**	Due to a restriction of use in Germany, this subclass is currently under study. Its maintenance as subclass of Class 1 is pending. A decision is expected at TCAM40 in November 2014.	
	13	**Reference**	EN 301 893 Commission Decision 2007/90/EC amending Decision 2005/513/EC	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio Frequency Identification Devices	Sub-class 56	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Radio frequency identification (RFID)	
	3	Frequency band	865 - 868 MHz	Channel center frequencies are 864.9 MHz + (0.2 MHz × channel number).
	4	Channelling	200 kHz	
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.r.p. [1)] 2 W e.r.p. [2)] 500 mW e.r.p. [3)]	[1)]Sub-band A: 865-865.6 MHz [2)]Sub-band B: 865.6-867.6 MHz [3)]Sub-band C. 867.6-868 MHz
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 302 208-2 Decision 2006/804/EC	
	14	Notification number		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Equipment using Ultra-Wideband Technology	Sub-class 57b	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	UWB applications in automotive and railway vehicles	Equipment using ultra-wideband (UWB) technology means equipment incorporating, as an integral part or as an accessory, technology for short-range radiocommunication involving the intentional generation and transmission of radio-frequency energy that spreads over a frequency range wider than 50 MHz, which may overlap several frequency bands allocated to radiocommunication services.
	3	**Frequency band**	4.2 - 4.8 GHz 6.0 - 8.5 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	Maximum e.i.r.p. density (dBm/MHz) and maximum peak e.i.r.p. density (dBm/50MHz) limits as in the Annex of Decision 2009/343/EC, clause 1.3.1.	Equipment using ultra-wideband technology may also be allowed to use the radio spectrum with e.i.r.p. limits other than those set out in in the Annex of Decision 2009/343/EC, clause 1.3.1 provided that appropriate mitigation techniques are applied with the result that the equipment achieves at least an equivalent level of protection to that provided by the limits in the table set out in the Annex of Decision 2009/343/EC, clause 1.3.1. Mitigation techniques are described in the relevant harmonised standards adopted under Directive 1999/5/EC or other mitigation techniques on condition that it achieves at least an equivalent level of protection.
	8	**Channel access and occupation rules**	Use of some appropriate mitigation techniques such as Low Duty Cycle (LDC) or Detect-And-Avoid (DAA) as described in Decision 2009/343/EC, clause 1.3.2	

			impose channel access and occupation rules.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	**12**	**Planned changes**		
	13	**Reference**	EN 302 065 Commission Decision 2007/131/EC as amended by Commission Decision 2009/343/EC	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Equipment using Ultra-Wideband Technology	Sub-class 57c	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Building material analysis (BMA) using ultra-wideband technology	Equipment using ultra-wideband (UWB) technology means equipment incorporating, as an integral part or as an accessory, technology for short-range radiocommunication involving the intentional generation and transmission of radio-frequency energy that spreads over a frequency range wider than 50 MHz, which may overlap several frequency bands allocated to radiocommunication services.
	3	**Frequency band**	9 kHz - 3 000 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	Maximum e.i.r.p. density (dBm/MHz) and maximum peak e.i.r.p. density (dBm/50MHz) limits as in the Annex of Decision 2009/343/EC, clause 2.1.	Equipment using ultra-wideband technology may also be allowed to use the radio spectrum with e.i.r.p. limits other than those set out in in the Annex of Decision 2009/343/EC, clause 2.1 provided that appropriate mitigation techniques are applied with the result that the equipment achieves at least an equivalent level of protection to that provided by the limits in the table set out in the Annex of Decision 2009/343/EC, clause 2.1. Mitigation techniques are described in the relevant harmonised standards adopted under Directive 1999/5/EC or other mitigation techniques on condition that it achieves at least an equivalent level of protection.
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential**		

		requirements		
	11	**Frequency planning assumptions**		
Informative part	**12**	**Planned changes**		
	13	**Reference**	EN 302 435 Commission Decision 2007/131/EC as amended by Commission Decision 2009/343/EC	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 61	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	Audio and video applications are excluded
	3	Frequency band	433.050 - 434.040 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	1 mW e.r.p. - 13 dBm/10 kHz power density for bandwidth modulation larger than 250 kHz	
	8	Channel access and occupation rules	Voice applications allowed with advanced mitigation techniques	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 62	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	244 - 246 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 305 550-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 63	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Audio and video applications are excluded
	3	**Frequency band**	434.040 - 434.790 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	1 mW e.r.p. - 13 dBm/10 kHz power density for bandwidth modulation larger than 250 kHz	
	8	**Channel access and occupation rules**	Voice applications allowed with advanced mitigation techniques	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Assistive Listening Devices	Sub-class 64	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Assistive Listening Devices	
	3	Frequency band	169.4875 - 169.5875 MHz	
	4	Channelling	max. 50 kHz	
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	500 mW e.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 422-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 65	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Audio and video applications are excluded
	3	**Frequency band**	434.040 - 434.790 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	10 mW e.r.p.	
	8	**Channel access and occupation rules**	Duty cycle of 100 % subject to channel spacing up to 25 kHz Voice applications allowed with advanced mitigation techniques	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 66	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Analogue audio applications other than voice are excluded. Analogue video applications are excluded
	3	**Frequency band**	863.000 - 865.000 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	25 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 0.1 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 67	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Analogue audio applications other than voice are excluded. Analogue video applications are excluded
	3	**Frequency band**	865.000 - 868.000 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	25 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 1 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

European Union	**Radio Interface Specification**	**Assistive Listening DevicesAids**	**Sub-class 68**	**Edition July 2014**

	Nr	Parameter	Description	Comments
Normative part	**1**	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Assistive Listening Devices	
	3	**Frequency band**	169.4 - 169.475 MHz	
	4	**Channelling**	max. 50 kHz	
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	500 mW e.r.p.	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	**12**	**Planned changes**		
	13	**Reference**	EN 300 422-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 69	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Analogue audio applications other than voice are excluded. Analogue video applications are excluded
	3	**Frequency band**	869.700 - 870.000 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	25 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 1 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Social Alarms	Sub-class 70	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Social Alarms	
	3	Frequency band	169.5875 - 169.6 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	10 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 0.1%	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2	
	14	Notification number		
	15	Remarks	Commission Decision 2005/928/EC, amended with Commission Decision 2008/673/EC	

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 71	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	61.0 - 61.5 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 305 550-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Alarms	Sub-class 72	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Alarms	
	3	Frequency band	869.300 - 869.400 MHz	
	4	Channelling	25 kHz	
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	10 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 1.0 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 73	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	140 - 148.5 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	37.7 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 74	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	148.5 - 5 000 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	- 15 dBµA/m at 10 metres in any bandwidth of 10 kHz Furthermore the total magnetic field strength is - 5 dBµA/m at 10 m for systems operating at bandwidths larger than 10 kHz	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 75	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Inductive applications	This set of usage conditions applies to Radio Frequency Identification (RFID).
	3	**Frequency band**	400 - 600 kHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	- 8 dBµA/m at 10m	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 76	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	3 155 - 3 400 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	13.5 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 77	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	5 000 - 30 000 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	- 20 dBµA/m at 10 metres in any bandwidth of 10 kHz Furthermore the total magnetic field strength is - 5 dBµA/m at 10 m for systems operating at bandwidths larger than 10 kHz	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 78	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	10 200 - 11 000 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	9 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 79	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	This set of usage conditions applies to Radio Frequency Identification (RFID) and Electronic Article Surveillance (EAS).
	3	Frequency band	13 553 - 13 567 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	60 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 80	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	169.4 - 169.475 MHz	
	4	Channelling	Max 50 kHz	
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	500 mW e.i.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 1%	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Active medical implants	Sub-class 81	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Active medical implants	This category covers the radio part of active implantable medical devices, as defined in Council Directive 90/385/EEC of 20 June 1990 on the approximation of the laws of the Member States relating to active implantable medical devices (OJ L 189, 20.7.1990, p. 17).
	3	**Frequency band**	9 - 315 kHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	30 dBµA/m at 10m	
	8	**Channel access and occupation rules**	Duty cycle ≤ 10 %	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 302 195-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Active medical implants	Sub-class 82	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Active medical implants	This category covers the radio part of active implantable medical devices, as defined in Council Directive 90/385/EEC of 20 June 1990 on the approximation of the laws of the Member States relating to active implantable medical devices (OJ L 189, 20.7.1990, p. 17). This set of usage conditions applies to ultra low power medical membrane implants for blood pressure measurements only
	3	**Frequency band**	30.0 - 37.5 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	1 mW e.r.p.	
	8	**Channel access and occupation rules**	Duty cycle ≤ 10 %	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Infor mati	12	**Planned changes**		
	13	**Reference**	EN 302 510-2	

			Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Active medical implants and associated peripherals	Sub-class 83	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Active medical implants and associated peripherals	This category covers systems specifically designed for the purpose of providing non-voice digital communications between active medical implants, and/or body-worn devices and other devices external to the human body used for transferring non-time critical individual patient-related physiological information.
	3	**Frequency band**	401 - 402 MHz	
	4	**Channelling**	Channel spacing: 25 kHz Individual transmitters may combine adjacent channels for increased bandwidth up to 100 kHz.	
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	25 µW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 302 537-2 must be used. Alternatively a duty cycle limit of 0,1 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

Informative part	**12**	**Planned changes**		
	13	**Reference**	EN 302 537-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Active medical implants and associated peripherals	Sub-class 84	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Active medical implants and associated peripherals	This category covers systems specifically designed for the purpose of providing non-voice digital communications between active medical implants, and/or body-worn devices and other devices external to the human body used for transferring non-time critical individual patient-related physiological information.
	3	**Frequency band**	405 - 406 MHz	
	4	**Channelling**	Channel spacing: 25 kHz Individual transmitters may combine adjacent channels for increased bandwidth up to 100 kHz.	
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	25 µW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 302 537-2 must be used. Alternatively a duty cycle limit of 0.1 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

Informative part	**12**	**Planned changes**		
	13	**Reference**	EN 302 537-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Animal implantable devices	Sub-class 85	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Animal implantable devices	This category covers transmitting devices which are placed inside the body of an animal for the purpose of performing diagnostic functions and/or delivery of therapeutic treatment.
	3	Frequency band	315 - 600 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	-5 dBµA/m at 10m	
	8	Channel access and occupation rules	Duty cycle ≤ 10 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 302 536-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Low power FM transmitters	Sub-class 86	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Low power FM transmitters	This category includes applications which connect personal audio devices, including mobile phones, and the automotive or home entertainment system.
	3	**Frequency band**	87.5 - 108.0 MHz	
	4	**Channelling**	Channel spacing up to 200 kHz	
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	50 nW e.r.p.	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 301 357-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio determination applications	Sub-class 88	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Radio determination applications	This category covers applications used for determining the position, velocity and/or other characteristics of an object, or for obtaining information relating to these parameters. This set of usage conditions applies to ground-based systems only.
	3	**Frequency band**	17.1 - 17.3 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	26 dBm e.i.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 440-2 must be used	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative	12	**Planned changes**		
	13	**Reference**	EN 300 440-2 Commission Decision 2006/771/EC as amended	

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio determination devices	Sub-class 89	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Tank level probing radar	Tank level probing radars (TLPR) are a specific type of radio-determination application, which are used for tank level measurements and are installed in metallic or reinforced concrete tanks, or similar structures made of material with comparable attenuation characteristics. The purpose of the tank is to contain a substance.
	3	**Frequency band**	4.5 - 7.0 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	24 dBm e.i.r.p.	The power limit applies inside a closed tank and corresponds to a spectral density of - 41.3 dBm/MHz e.i.r.p. outside a 500 litre test tank.
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 302 372-2 must be used	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	13	**Reference**	EN 302 372-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio determination devices	Sub-class 90	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Tank level probing radar	Tank level probing radars (TLPR) are a specific type of radio-determination application, which are used for tank level measurements and are installed in metallic or reinforced concrete tanks, or similar structures made of material with comparable attenuation characteristics. The purpose of the tank is to contain a substance.
	3	**Frequency band**	8.5 - 10.6 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	30 dBm e.i.r.p.	The power limit applies inside a closed tank and corresponds to a spectral density of - 41.3 dBm/MHz e.i.r.p. outside a 500 litre test tank.
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 302 372-2 must be used	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	13	**Reference**	EN 302 372-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio determination devices	Sub-class 91	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Tank level probing radar	Tank level probing radars (TLPR) are a specific type of radio-determination application, which are used for tank level measurements and are installed in metallic or reinforced concrete tanks, or similar structures made of material with comparable attenuation characteristics. The purpose of the tank is to contain a substance.
	3	**Frequency band**	24.05 - 27.0 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	43 dBm e.i.r.p.	The power limit applies inside a closed tank and corresponds to a spectral density of - 41.3 dBm/MHz e.i.r.p. outside a 500 litre test tank.
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 302 372-2 must be used	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	13	**Reference**	EN 302 372-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio determination devices	Sub-class 92	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Tank level probing radar	Tank level probing radars (TLPR) are a specific type of radio-determination application, which are used for tank level measurements and are installed in metallic or reinforced concrete tanks, or similar structures made of material with comparable attenuation characteristics. The purpose of the tank is to contain a substance.
	3	**Frequency band**	57.0 - 64.0 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	43 dBm e.i.r.p.	The power limit applies inside a closed tank and corresponds to a spectral density of - 41.3 dBm/MHz e.i.r.p. outside a 500 litre test tank.
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 302 372-2 must be used	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	13	**Reference**	EN 302 372-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio determination devices	Sub-class 93	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Tank level probing radar	Tank level probing radars (TLPR) are a specific type of radio-determination application, which are used for tank level measurements and are installed in metallic or reinforced concrete tanks, or similar structures made of material with comparable attenuation characteristics. The purpose of the tank is to contain a substance.
	3	**Frequency band**	75.0 - 85.0 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	43 dBm e.i.r.p.	The power limit applies inside a closed tank and corresponds to a spectral density of - 41.3 dBm/MHz e.i.r.p. outside a 500 litre test tank.
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 302 372-2 must be used	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	13	**Reference**	EN 302 372-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Model control	Sub-class 94	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Model control	This category covers applications used to control the movement of models (principally miniature representations of vehicles) in the air, on land or over or under the water surface.
	3	**Frequency band**	26 990 - 27 000 kHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	100 mW e.r.p.	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Model control	Sub-class 95	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Model control	This category covers applications used to control the movement of models (principally miniature representations of vehicles) in the air, on land or over or under the water surface.
	3	**Frequency band**	27 040 - 27 050 kHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	100 mW e.r.p.	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Model control	Sub-class 96	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Model control	This category covers applications used to control the movement of models (principally miniature representations of vehicles) in the air, on land or over or under the water surface.
	3	**Frequency band**	27 090 - 27 100 kHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	100 mW e.r.p.	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Model control	Sub-class 97	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Model control	
	3	Frequency band	27 140 - 27 150 kHz	This category covers applications used to control the movement of models (principally miniature representations of vehicles) in the air, on land or over or under the water surface.
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Model control	Sub-class 98	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Model control	This category covers applications used to control the movement of models (principally miniature representations of vehicles) in the air, on land or over or under the water surface.
	3	**Frequency band**	27 190 - 27 200 kHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	100 mW e.r.p.	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Private (Professional) Mobile Radio	Sub-class 99	Edition April 2013

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	PMR446 Digital	Hand portable equipment only.
	3	**Frequency band**	446.1 - 446.2 MHz	Carrier frequencies [MHz] for 12.5 kHz channeling: 446.106250; 446.118750; 446.131250; 446.143750; 446.156250; 446.168750; 446.181250; 446.193750 Carrier frequencies [MHz] for 6.25 kHz channeling: 446.103125; 446.109375; 446.115625; 446.121875; 446.128125; 446.134375; 446.140625; 446.146875; 446.153125; 446.159375; 446.165625; 446.171875; 446.178125; 446.184375; 446.190625; 446.196875.
	4	**Channelling**	6.25 kHz/ 12.5 kHz	
	5	**Modulation / Occupied bandwidth**	Digital modulation	
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	500 mW e.r.p.	Integral antenna only
	8	**Channel access and occupation rules**	Maximum transmitter time-out time 180 s	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	13	**Reference**	EN 300 113-2 EN 301 166-2 ECC/DEC/(05)12	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio frequency identification	Sub-class 100	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Radio frequency identification (RFID)	
	3	Frequency band	2 446 - 2 454 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	500 mW e.i.r.p.	
	8	Channel access and occupation rules	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 440-2 must be used	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 440-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 101	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	
	3	Frequency band	24.050 - 24.075 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 302 858-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 102	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	
	3	Frequency band	24.075 - 24.150 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	0.1 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 302 858-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 103	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Transport and traffic telematics	This set of usage conditions applies to ground-based vehicle radars only
	3	**Frequency band**	24.075 - 24.150 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**	Frequency modulation range apply as specified in harmonised standards	
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	100 mW e.i.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 302 858-2 must be used Dwell time limits apply as specified in harmonised standards	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative	12	**Planned changes**		
	13	**Reference**	EN 302 858-2 Commission Decision 2006/771/EC as amended	

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 104	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	
	3	Frequency band	24.150 - 24.250 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 302 858-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 105	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions applies to vehicle-to-vehicle, vehicle-to-infrastructure and infrastructure-to- vehicle systems only
	3	Frequency band	63 - 64 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	40 dBm e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 302 686 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 106	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	135 - 140 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 107	Edition June 2012

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	122 - 123 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.i.r.p.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 305 550-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 108	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Road transport and traffic telematics	On-Board Units (OBU)
	3	Frequency band	5 725 - 5 875 MHz	
	4	Channelling	500 kHz	
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	-14 dBm e.i.r.p.	
	8	Channel access and occupation rules	according to EN 12253	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions	EN 12253	
Informative part	12	Planned changes		
	13	Reference	EN 300 674-2-2 Directive 2004/52/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 109	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions is restricted to Eurobalise transmissions in the presence of trains and using the 27 MHz band for telepowering.
	3	Frequency band	984 – 7 484 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	9 dBµA/m at 10 m	
	8	Channel access and occupation rules	Duty cycle ≤ 1%	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 302 608 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 110	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions is restricted to Euroloop transmissions in the presence of trains and using the 27 MHz band for telepowering.
	3	Frequency band	7 300 – 23 000 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	-7 dBµA/m at 10 m	Antenna restrictions apply as specified in the harmonised standard EN 302 609.
	8	Channel access and occupation rules	Duty cycle ≤ 1%	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 302 609 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 111	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Transport and traffic telematics	This set of usage conditions is restricted to ground-based vehicle radars operating in the harmonised 24 GHz frequency range.
	3	**Frequency band**	24.25 - 24.495 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	-11 dBm e.i.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standard EN 302 288-2 must be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 302 288-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 112	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Transport and traffic telematics	This set of usage conditions is restricted to ground-based vehicle radars operating in the harmonised 24 GHz frequency range.
	3	**Frequency band**	24.25 - 24.5 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	20 dBm e.i.r.p. (forward-facing radars) 16 dBm e.i.r.p. (rear-facing radars)	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standard EN 302 288-2 must be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 302 288-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 113	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Transport and traffic telematics	This set of usage conditions is restricted to ground-based vehicle radars operating in the harmonised 24 GHz frequency range.
	3	**Frequency band**	24.495 - 24.5 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	-8 dBm e.i.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standard EN 302 288-2 must be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 302 288-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 114	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	6 765 – 6 795 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 115	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	26 957 – 27 283 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Inductive applications	Sub-class 116	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	13 553 – 13 567 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	42 dBµA/m at 10m	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 330-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Active medical implants	Sub-class 117	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Active medical implants	This set of usage conditions is restricted to active implantable medical devices. Peripheral master units are not covered by this template.
	3	**Frequency band**	2 483.5 - 2 500 MHz	
	4	**Channelling**	1 MHz The whole frequency band may also be used dynamically as a single channel for high-speed data transmissions.	
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	10 mW e.i.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 301 559-2 must be used. Alternatively a duty cycle limit of 10 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

Informative part	**12**	**Planned changes**		
	13	**Reference**	EN 301 559-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 118	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	26 990 - 27 000 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 119	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	27 040 - 27 050 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 120	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	27 090 - 27 100 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 121	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	27 140 - 27 150 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 122	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	27 190 - 27 200 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Metering Devices	Sub-class 123	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Metering Devices	
	3	Frequency band	169.4 - 169.475 MHz	
	4	Channelling	max. 50 kHz	
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	500 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 10%	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 422-2 Commission Decision 2006/771/EC as amended	EN 300 220-2 Commission Decision 2006/771/EC as amended
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 124	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	
	3	**Frequency band**	169.4875 - 169.5875 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	10 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 0.001 % may also be used. Between 00:00h and 06:00h local time a duty cycle limit of 0.1 % may be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Information	12	**Planned changes**		
	13	**Reference**	EN 300 220-2	

			Commission Decision 2006/771/EC as amended	
	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 125	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	Analogue audio applications other than voice are excluded. Analogue video applications are excluded
	3	Frequency band	434.04 - 434.79 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	10 mW e.r.p.	
	8	Channel access and occupation rules	Duty cycle ≤ 10 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 126	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	57 - 64 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	100 mW e.i.r.p., a maximum transmit power of 10dBm and a maximum e.i.r.p. power spectral density of 13dBm/MHz	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Informative part	12	Planned changes		
	13	Reference	EN 305 550-2 Commission Decision 2006/771/EC as amended	
	14	Notification number		
	15	Remarks		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Radio determination devices	Sub-class 127	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Level probing radar	
	3	**Frequency band**	57 - 64 GHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	35 dBm/50 MHz peak e.i.r.p. and -2 dBm/MHz mean e.i.r.p. Automatic power control and antenna requirements as well as equivalent techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standard EN 302 729-2 must be used.	
	8	**Channel access and occupation rules**		
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative	12	**Planned changes**		
	13	**Reference**	EN 302 729-2 Commission Decision 2006/771/EC as amended	

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	14	**Notification number**		
	15	**Remarks**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 128	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	
	3	**Frequency band**	169.4 - 169.4875 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	10 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 0.1 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2	
	14	**Notification number**		

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

	15	**Remarks**	Commission Decision 2006/771/EC as amended	

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 129	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	
	3	**Frequency band**	169.5875 - 169.8125 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	10 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 0.1 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2	
	14	**Notification number**		
	15	**Remarks**	Commission Decision 2006/771/EC as amended	

Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000)

European Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 130	Edition July 2014

	Nr	Parameter	Description	Comments
Normative part	1	**Radiocommunication Service**	Mobile Service	
	2	**Application**	Non-Specific Short Range Devices	Analogue audio applications other than voice are excluded. Analogue video applications are excluded
	3	**Frequency band**	869.4 - 869.65 MHz	
	4	**Channelling**		
	5	**Modulation / Occupied bandwidth**		
	6	**Direction / Separation**		
	7	**Transmit power / Power density**	25 mW e.r.p.	
	8	**Channel access and occupation rules**	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in EN 300 220-2 must be used. Alternatively a duty cycle limit of 0.1 % may also be used.	
	9	**Authorisation regime**		
	10	**Additional essential requirements**		
	11	**Frequency planning assumptions**		
Informative part	12	**Planned changes**		
	13	**Reference**	EN 300 220-2 Commission Decision 2006/771/EC as amended	
	14	**Notification number**		

	15	**Remarks**		