Publication in accordance with Article 1(3) of Commission Decision 2000/299/EC (Version January 2018)

In accordance with Article 1(3) of Commission Decision 2000/299/EC¹ the table below contains a list of equipment falling within the scope of 'Class 1'².

Subclass	Application	Frequency band(s)	Comments
of Class 1 ³	D 1: 1 (4) (1)	, 2000 CH	
	Radio equipment that will	up to 3000 GHz	
	automatically adapt, without user intervention, so as to meet at the		
	moment of its use the authorised		
	conditions, under the described		
	scope of application, of use in		
	every Member State in license		
	exempt frequency bands (or		
	general authorisation regime) in		
	force on the whole single market		
	and the technical solution is		
	documented in the technical		
	documentation.	2000 577	
07	Receive-only radio equipment	up to 3000 GHz	
<u>09a</u>	Radio equipment which can only		
	transmit under the control of a		
	licensed public mobile radio		
09b	network Radio equipment which can only		
090	transmit under the control of a		
	licensed non-public mobile radio		
	network		
<u>11</u>	MSS Earth Stations	1 525.0 - 1 660.5 MHz	
<u>12</u>	MSS Earth Stations	10.70 - 14.25 GHz	
13	PPDR end-user equipment	380 - 395 MHz	Rev. of ed. October 2016
1.4	MCC Fouth Costions		Covered by 9b
14	MSS Earth Stations	1 610 - 2 500 MHz	
<u>15</u>	MSS Earth Stations	1 980 - 2 200 MHz	
<u>16</u>	MSS Earth Stations	1 525.0 - 1 660.5 MHz	
<u>18</u>	DECT	1880 - 1900 MHz	
<u>19</u>	Non-specific short range devices	40.660 - 40.700 MHz	Rev. of ed. October 2016
<u>20</u>	Non- specific short range devices	433.050 - 434.790 MHz	
<u>21</u>	Non- specific short range devices	2 400 - 2 483.5 MHz	Rev. of ed. October 2016
<u>22</u>	Wideband Data Transmission	2400 - 2483.5 MHz	
	Systems	10.770 10.777177	D 0 1 0 1 5015
<u>24</u>	Non- specific short range devices	13 553 - 13 567 kHz	Rev. of ed. October 2016
<u>25</u>	Non- specific short range devices	26.957 - 27.283 MHz	Rev. of ed. October 2016

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

26	Radio determination applications	2400 - 2483.5 MHz	Rev. of ed. October 2016
27	Non- specific short range devices	24.150 - 24.250 GHz	Rev. of ed. October 2016
28	Non- specific short range devices	868.000 - 868.600 MHz	rev. of ed. Getober 2010
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
31	Non- specific short range devices	869.700 - 870.000 MHz	100000000000000000000000000000000000000
32	Alarms	868.600 - 868.700 MHz	Rev. of ed. October 2016
33	Alarms	869.250 - 869.300 MHz	Rev. of ed. October 2016
34	Alarms	869.650 - 869.700 MHz	Rev. of ed. October 2016
35	Social alarms	869.200 - 869.250 MHz	100000000000000000000000000000000000000
36	Inductive applications	9.000 - 59.750 kHz	Rev. of ed. October 2016
37	Inductive applications	59.750 - 60.250 kHz	Rev. of ed. October 2016
39	Inductive applications	60.250 - 74.750 kHz	Rev. of ed. October 2016
40a	Inductive applications	74.750 - 75.250 kHz	Rev. of ed. October 2016
40b	Inductive applications	75.250 - 77.250 kHz	Rev. of ed. October 2016
40c	Inductive applications	77.250 - 77.750 kHz	Rev. of ed. October 2016
40d	Inductive applications	77.750 - 90 kHz	Rev. of ed. October 2016
40e	Inductive applications	90 - 119 kHz	Rev. of ed. October 2016
41	Inductive applications	119 - 128.6 kHz	Rev. of ed. October 2016
42a	Inductive applications	128.6 - 129.6 kHz	Rev. of ed. October 2016
42b	Inductive applications	129.6 - 135 kHz	Rev. of ed. October 2016
43	Non- specific short range devices	5 725 - 5 875 MHz	Rev. of ed. October 2016
44	Non- specific short range devices	6765 - 6795 kHz	Rev. of ed. October 2016
45	Inductive applications	7 400 - 8 800 kHz	Rev. of ed. October 2016
47	Active medical implants	402 - 405 MHz	Rev. of ed. October 2016
48	Wireless audio and multimedia	863 - 865 MHz	Rev. of ed. October 2016
<u></u>	streaming applications	000 000 11222	
49	Emergency detections of buried	457 kHz	Rev. of ed. October 2016
_	victims and valuable items		
50a	Transport and traffic telematics	76 - 77 GHz	Rev. of ed. October 2016
50b	Transport and traffic telematics	76 - 77 GHz	
<u>51</u>	PMR446	446.0 - 446.2 MHz	Rev. of ed. October 2016
<u>52</u>	Transport and traffic telematics	24.25 - 26.65 GHz	Rev. of ed. October 2016
<u>53</u>	Transport and traffic telematics	77 - 81 GHz	Rev. of ed. October 2016
<u>54</u>	Wireless Access Systems	5470 - 5725 MHz	Rev. of ed. July 2014
	including Radio Local Area		
	Networks (WAS/RLANs)		
<u>56</u>	Radio Frequency Identification	865-868 MHz	Rev. of ed. October 2016
	Devices		
57a	Equipment using Ultra-Wideband Technology	9 kHz - 3 000 GHz	
<u>57b</u>	Equipment using Ultra-Wideband	4.2 - 4.8 GHz and 6.0 - 8.5	Rev. of ed. October 2016
	Technology	GHz	
<u>57c</u>	Equipment using Ultra-Wideband Technology	9 kHz - 3 000 GHz	Rev. of ed. October 2016
<u>61</u>	Non- specific short range devices	433.050 - 434.040 MHz	
<u>62</u>	Non- specific short range devices	244 - 246 GHz	Rev. of ed. October 2016
<u>63</u>	Non- specific short range devices	434.040 - 434.790 MHz	
<u>64</u>	Assistive Listening Devices	169.4875 MHz - 169.5875 MHz	Rev. of ed. October 2016
<u>65</u>	Non-specific short range devices	434.04 - 434.79 MHz	
<u>66</u>	Non- specific short range devices	863 - 865 MHz	Rev. of ed. October 2016
<u>67</u>	Non- specific short range devices	865 - 868 MHz	
<u>68</u>	Assistive Listening Devices	169.4 - 169.475 MHz	Rev. of ed. October 2016
<u>69</u>	Non- specific short range devices	8697 - 870 MHz	
70	Social alarms	169.5875 - 169.6 MHz	Included in subclass 129

71	Non- specific short range devices	61.0 - 61.5 GHz	Rev. of ed. October 2016
72	Alarms	869.300 - 869.400 MHz	Rev. of ed. October 2016
73	Inductive applications	140 - 148.5 kHz	Rev. of ed. October 2016
74	Inductive applications	148.5 - 5 000 kHz	Rev. of ed. October 2016
75	Inductive applications	400 - 600 kHz	Rev. of ed. October 2016
76		3 155 - 3 400 kHz	Rev. of ed. October 2016
77	Inductive applications	5 - 30 MHz	Rev. of ed. October 2016
78	Inductive applications Inductive applications	10 200 - 11 000 kHz	Rev. of ed. October 2016
79	Inductive applications	13 553 - 13 567 kHz	Rev. of ed. October 2016
80	Non- specific short range devices	169.4 - 169.475 MHz	Rev. of ed. June 2012
81	Active medical implants	9 - 315 kHz	Rev. of ed. October 2016
82	Active medical implants	30.0 - 37.5 MHz	Rev. of ed. October 2016
83	Active medical implants and	401 - 402 MHz	Rev. of ed. October 2016
83	associated peripherals	401 - 402 WIIIZ	Rev. of ed. October 2010
84	Active medical implants and	405 - 406 MHz	Rev. of ed. October 2016
<u>04</u>	associated peripherals	403 - 400 WIIIZ	Rev. of ed. October 2010
85	Animal implantable devices	315 - 600 kHz	Included in subclass 74
86	Low power FM transmitters	87.5 - 108 MHz	Rev. of ed. October 2016
87	Social alarms	169.475 - 169.4875 MHz	Replaced by subclass
07	Social diams	107.473 107.4073 WHZ	128 on July 2014
88	Radio determination applications	17.1 - 17.3 GHz	Rev. of ed. October 2016
89	Radio determination devices	4.5 - 7 GHz	Rev. of ed. October 2016
90	Radio determination devices	8.5 - 10.6 GHz	Rev. of ed. October 2016
91	Radio determination devices	24.05 - 27.0 GHz	Rev. of ed. October 2016
92	Radio determination devices	57.0 - 64.0 GHz	Rev. of ed. October 2016
93	Radio determination devices	75.0 - 85.0 GHz	Rev. of ed. October 2016
94	Model control	26 990 - 27 000 kHz	reviored. Getseer 2016
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	Included in subclass 51
	2		from January 2018
100	Radio frequency identification	2 446 - 2 454 MHz	Rev. of ed. October 2016
101	Transport and traffic telematics	24.050 - 24.075 GHz	Rev. of ed. October 2016
102	Transport and traffic telematics	24.075 - 24.150 GHz	Rev. of ed. October 2016
103	Transport and traffic telematics	24.075 - 24.150 GHz	Rev. of ed. October 2016
104	Transport and traffic telematics	24.150 - 24.250 GHz	Rev. of ed. October 2016
<u>105</u>	Transport and traffic telematics	63 - 64 GHz	Rev. of ed. June 2012
<u>106</u>	Inductive applications	135 - 140 kHz	Rev. of ed. October 2016
<u>107a</u>	Non- specific short range devices	122 – 122.25 GHz	Rev. of ed. October 2016
<u>107b</u>	Non- specific short range devices	122.25 - 123 GHz	
<u>108</u>	Transport and traffic telematics	5 725 - 5 875 MHz	Rev. of ed. June 2012
<u>109</u>	Transport and traffic telematics	984 – 7 484 kHz	
<u>110</u>	Transport and traffic telematics	7 300 – 23 000 kHz	
<u>111</u>	Transport and traffic telematics	24.25 - 24.495 GHz	Rev. of ed. October 2016
<u>112</u>	Transport and traffic telematics	24.25 - 24.5 GHz	Rev. of ed. October 2016
<u>113</u>	Transport and traffic telematics	24.495 - 24.5 GHz	Rev. of ed. October 2016
114	Inductive applications	6 765 – 6 795 kHz	Included in subclass 44
115	Inductive applications	26 957 – 27 283 kHz	Included in subclass 25
		10.770	from January 2018
<u>116</u>	Inductive applications	13 553 – 13 567 kHz	Rev. of ed. October 2016
<u>117</u>	Active medical implants	2 483.5 - 2 500 MHz	Rev. of ed. October 2016
<u>118</u>	Non-Specific Short Range	26 990 - 27 000 kHz	
446	Devices	27.040. 27.050177	
<u>119</u>	Non-Specific Short Range	27 040 - 27 050 kHz	

	Devices		
<u>120</u>	Non-Specific Short Range Devices	27 090 - 27 100 kHz	
<u>121</u>	Non-Specific Short Range Devices	27 140 - 27 150 kHz	
<u>122</u>	Non-Specific Short Range Devices	27 190 - 27 200 kHz	
123	Metering Devices	169.4 - 169.475 MHz	Rev. of ed. October 2016
124	Non-Specific Short Range Devices	169.4875 - 169.5875 MHz	
125	Non-Specific Short Range Devices	434.04 - 434.79 MHz	
<u>126</u>	Non-Specific Short Range Devices	57 - 64 GHz	Rev. of ed. October 2016
<u>127</u>	Radio determination devices	57 - 64 GHz	Rev. of ed. October 2016
128	Non-Specific Short Range Devices	169.4 - 169.4875 MHz	
<u>129</u>	Non-Specific Short Range Devices	169.5875 - 169.8125 MHz	
130	Non- specific short range devices	869.400 - 869.650 MHz	Included in subclass 30 from January 2018
<u>131</u>	Assistive Listening Devices	173.965 - 216 MHz	Ţ.
<u>132</u>	Wideband Data Transmission Systems	863 - 868 MHz	
<u>133</u>	Non-Specific Short Range Devices	865 - 868 MHz	
<u>134</u>	Transport and traffic telematics	5 795 - 5 815 MHz	
<u>135</u>	Intelligent Transport Systems (ITS)	5 875 - 5 905 MHz	

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

Page 1 of 129

European	Radio Interface Creations	Radio equipment which can only transmit under	Sub along 0a	Edition	
Union	Radio Interface Specification	the control of a licensed public mobile radio network	Sub-class 9a	July 2014	

	Nr	Parameter	Description	Comments
	1	Radiocommunication	Mobile Service	
		Service	Mobile-Satellite Service	
	2	Application	Mobile terminals	This subclass covers radio equipment of receive before
			Mobile-Satellite earth stations	transmit type which can only transmit under the control of a licensed public mobile radio network as e.g., and not exclusively described in the ECC/DEC/(12)01 (GSM, UMTS/IMT200, LTE, Wimax,).
	3	Frequency band		
	4	Channelling		
e part	5	Modulation / Occupied bandwidth		
Normative	6	Direction / Separation		
Š	7	Transmit power / Power density		
	8	Channel access and	Listen before transmit	
	occupation rules	occupation rules	Control under a network	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ø	12	Planned changes		
Informative part	13	Reference		
	14	Notification number		
Inf	15	Remarks		

European	Radio Interface Specification	Radio equipment which can only transmit under	Sub along 0h	Edition	
Union	Radio interface Specification	the control of a licensed non-public mobile radio network	Sub-class 9b	July 2014	

	Nr	Parameter	Description	Comments
	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		
part	5	Modulation / Occupied bandwidth		
Normative	6	Direction / Separation		
Norr	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		
ø	12	Planned changes		
Informative part	13	Reference		
	14	Notification number		
Inf	15	Remarks		

European	Radio Interface Specification	MSS Earth Stations	Sub-class 11	Edition	
Union	Nadio interface opecification	Widd Latti Stations	Sub-class 11	June 2012	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Satellite Service	
	2	Application	Mobile Satellite Service Earth Stations	
	3	Frequency band	1 525.0 - 1 544.0 MHz	receive 1 (space-to-Earth);
			1 555.0 - 1 559.0 MHz	receive 2 (space-to-Earth);
			1 631.5 - 1 634.5 MHz	transmit 1 (Earth-to-space);
			1 656.5 - 1 660.5 MHz	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	
part	5	Modulation / Occupied bandwidth	defined by the satellite network operator	
Normative part	6	Direction / Separation	defined by the satellite network operator	
Nor	7	Transmit power /	148 dBpW	for φ < 40°;
		Power density	177 - 25 log (φ) dBpW	for 40° < φ < 75°;
			130 dBpW	for $\varphi > 75^{\circ}$;
				$(\phi \text{ is the angle, in degrees, between the main beam axis and the direction considered)}$
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
a	12	Planned changes		
Informa tive	13	Reference	ECC/DEC/(07)04, ECC/DEC/(07)05	
<u>=</u> _			ITU RR 5.356 and 5.208B	

	ub-class of Class 1	according Commission Decision 2000/299/EC (6.4.200)0)
--	---------------------	----------------------------------------------------	------------

 Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000) Page 4 of 129					
		EN 301 444 and EN 301 681			
14	Notification number				
15	Remarks				

European	Radio Interface Specification	tion MSS Earth Stations	Sub-class 12	Edition	
Union	Radio interface Specification	M33 Earth Stations	Sub-class 12	June 2012	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile-Satellite Service	
	2	Application	Mobile Satellite Service Earth Stations	
	3	Frequency band	10.70 - 11.70 GHz	(space-to-Earth)
			12.50 - 12.75 GHz	(space-to-Earth)
			14.00 - 14.25 GHz	(Earth to space)
	4	Channelling	defined by the satellite network operator	
	5	Modulation / Occupied bandwidth	defined by the satellite network operator	
Ę	6	Direction / Separation	defined by the satellite network operator	
ive pa	7	Transmit power / Power density	33-25 log(φ + δφ)-10 log(K) dBW/40kHz where 2.5° ≤φ+ δφ ≤7.0°	$\boldsymbol{\phi}$ is the angle, in degrees, between the main beam axis and the direction considered.
Normative part			$+12-10 log(K) dBW/40kHz$ where $7.0^{\circ} < φ + δφ ≤ 9.2^{\circ};$	K is the power density ratio between the fully loaded system and a single LMES measured in a 40 kHz bandwidth
			$36-25 \log(φ + δφ)-10 \log(K) dBW/40kHz$ where $9.2° < φ + δφ ≤ 48°$	
			-6-10 log(K) dBW/40 kHz where 48° <φ + δφ ≤180°	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ē	12	Planned changes		
Informative part	13	Reference	ERC/DEC/(98)15 ERC, ECC/DEC/(05)10 and ECC/DEC/(05)11	
Info			EN 301 427 EN 302 186	

Sub-class of Class 1 according	ng Commission Decision 2000/299/EC (6.4.2000)
oub clace of clace i accordin	ig 001111111001011

Page 6 of 129

14	Notification number		
15	Remarks		

European	Radio Interface Specification	MSS Farth Stations	Sub-class 14	Edition	
Union	Nadio interrace opecification	MIGG Latti Stations	Sub-class 14	June 2012	

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

European	Radio Interface Specification	MSS Earth Stations	Sub-class 15	Edition]
Union	Naulo interface opecification	Widd Latti Stations	Sub-class 13	June 2012]

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile-Satellite Service	
	2	Application	Mobile Satellite Service Earth Stations	
	3	Frequency band	1 980 - 2 010 MHz	transmit (Earth-to-space);
			2 170 - 2 200 MHz	receive (space-to-Earth);
	4	Channelling	defined by the satellite network operator	
art	5	Modulation / Occupied bandwidth	defined by the satellite network operator	
Normative part	6	Direction / Separation	defined by the satellite network operator	
Norma	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		
ır	12	Planned changes		
Informative part	13	Reference	EN 301 442, EN 301 473 and EN 302 574	
ativ			Commission Decision 2007/98/EC	
rn.	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	MSS Earth Stations	Sub-class 16	Edition	l
Union	Naulo interrace opecinication	W33 Latti Stations	Sub-class 10	June 2012	l

	Nr	Parameter	Description	Comments
	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	receive 1 (space-to-Earth);
			1 555.0 MHz - 1 559.0 MHz	receive 2 (space-to-Earth);
			1 626.5 MHz - 1 645.5 MHz	transmit 1 (Earth-to-space);
			1 656.5 MHz - 1 660.5 MHz	transmit 2 (Earth-to-space);
E				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.
e ba	4	Channelling	defined by the satellite network operator	
Normative part	5	Modulation / Occupied bandwidth	defined by the satellite network operator	
No	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		
art	12	Planned changes		
e bi	13	Reference	ITU RR 5.208B	
Informative part			EN 301 426	
orm	14	Notification number		
Infe	15	Remarks		

European	Radio Interface Specification	DECT	Sub-class 18	Edition	l
Union	Naulo interrace opecinication	DEG!	Sub-class 10	June 2012	l

	Nr	Parameter	Description	Comments
	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	
/e part	6	Direction / Separation	TDD	See EN 301 406
ıativ	7	Transmit power /	250 mW peak e.r.p.	Type of Antenna:
Normative		Power density	(peak radiated power over time-slot)	integral or dedicated
Z	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		
part	12	Planned changes		
e bs	13	Reference	EN 301 406	
Informative			Council Directive 91/287/EEC	
r E	14	Notification number		
Infc	15	Remarks		

European	Padio Interface Specification	Non-Specific Short Range Devices	Sub-class 19	Edition	l
Union	Naulo interrace opecinication	Non-Specific Short Range Devices	Sub-class 19	January 2018	l

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

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

Page 12 of 129

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

	Nr	Parameter	Description	Comments
	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		
Ħ	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
lormat	7	Transmit power / Power density	10 mW e.r.p.	
2	8	Channel access and occupation rules	Duty cycle ≤ 10 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Ĕ	12	Planned changes		
e ba	13	Reference	EN 300 220-2	
ativ			Commission Decision 2006/771/EC as amended	
Ĭ	14	Notification number		
Informative part	15	Remarks		

European	Padio Interface Specification	Non-Specific Short Range Devices	Sub-class 21	Edition	l
Union	Naulo interrace opecinication	Non-Specific Short Range Devices	Sub-class 21	January 2018	l

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	10 mW e.i.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
T.	12	Planned changes		
Informative part	13	Reference	EN 300 440 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

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

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Wideband Data Transmission Systems	
	3	Frequency band	2400 - 2483.5 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
T.	6	Direction / Separation		
Normative part	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	
ž	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		
art	12	Planned changes		
e p	13	Reference	EN 300 328	
Informative part			Commission Decision 2006/771/EC as amended	
r n	14	Notification number		
Infc	15	Remarks		

European	Padio Interface Specification	Non-Specific Short Range Devices	Sub-class 24	Edition	l
Union	Naulo interrace opecinication	Non-Specific Short Range Devices	Sub-class 24	January 2018	l

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	42 dBμA/m at 10m	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ī	12	Planned changes		
Informative part	13	Reference	EN 300 330 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 25	Edition	İ
Union	Nadio interface opecification	Non-Specific Short Kange Devices	Sub-class 25	January 2018	ì

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
itive pa	6	Direction / Separation		
Normative part	7	Transmit power / Power density	10 mW effective radiated power (e.r.p.)	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
	12	Planned changes		
Informative part	13	Reference	EN 300 220-2	
ive			EN 300 330	
mat			Commission Decision 2006/771/EC as amended	
ıfor	14	Notification number		
=	15	Remarks		

European	Radio Interface Specification	Radio determination applications	Sub-class 26	Edition	l
Union	Nadio interrace Specification	Radio determination applications	Sub-class 20	January 2018	l

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	25 mW e.i.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
T.	12	Planned changes		
Informative part	13	Reference	EN 300 440 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 27	Edition	1
Union	Nadio interface opecification	Non-Specific Short Kange Devices	Sub-class 21	January 2018	ì

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	100 mW e.i.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
T.	12	Planned changes		
Informative part	13	Reference	EN 300 440 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

European	Dadia lutariasa Cusaliisatian	Non Chariffe Chart Bound Boules	Cultural and OO	Edition	
Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 28	June 2012	

	Nr	Parameter	Description	Comments
	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		
art	6	Direction / Separation		
Normative part	7	Transmit power / Power density	25 mW e.r.p.	
Norma	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		
part	12	Planned changes		
e p	13	Reference	EN 300 220-2	
Informative			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Info	15	Remarks		

European	Padio Interface Specification	Non-Specific Short Range Devices	Sub-class 29	Edition	
Union	Nadio interrace Specification	Non-Specific Short Kange Devices	Sub-Class 29	June 2012	

	Nr	Parameter	Description	Comments
	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		
ŧ	6	Direction / Separation		
ive pa	7	Transmit power / Power density	25 mW e.r.p.	
Normative part	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		
part	12	Planned changes		
e ps	13	Reference	EN 300 220-2	
Informative			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Dadia Interfera Constitution	Non Chariffe Chart Bonne Bonica	Cub along 20	Edition
Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 30	July 2014

	Nr	Parameter	Description	Comments
	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		
art	6	Direction / Separation		
Normative part	7	Transmit power / Power density	500 mW e.r.p.	
Norma	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		
ĭ	12	Planned changes		
e ba	13	Reference	EN 300 220-2	
Informative part			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Info	15	Remarks		

European	Dadia Interfera Constitution	Non Chariffe Chart Bonne Bonica	Cub along 24	Edition	
Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 31	June 2012	

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	5 mW e.r.p.	
Ž	8	Channel access and occupation rules	Voice applications allowed with advanced mitigation techniques	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Į	12	Planned changes		
Informative part	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	Alarms	Sub-class 32	Edition	1
Union	Radio interrace opecinication	Alainis	Sub-class 32	January 2018	ì

	Nr	Parameter	Description	Comments
	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	
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norma	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		
	12	Planned changes		
part	13	Reference	EN 300 220-3-2	
×e			EN 303 406	
Informative part			Commission Decision 2006/771/EC as amended	
for	14	Notification number		
드	15	Remarks		

European	Radio Interface Specification	Alarms	Sub-class 33	Edition	l
Union	Nadio interrace opecification	Alainis	Jub-class 33	January 2018	l

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Alarms	
	3	Frequency band	869.250 - 869.300 MHz	
	4	Channelling	25 kHz	
J	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
ormati	7	Transmit power / Power density	10 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
	12	Planned changes		
part	13	Reference	EN 300 220-3-2	
, e			EN 303 406	
Informative part			Commission Decision 2006/771/EC as amended	
fori	14	Notification number		
드	15	Remarks		

European	Radio Interface Specification	Alarma	Sub along 24	Edition	
Union	Radio interface Specification	Alarms	Sub-class 34	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Alarms	
	3	Frequency band	869.650 - 869.700 MHz	
	4	Channelling	25 kHz	
	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
ormati	7	Transmit power / Power density	25 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 10 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
	12	Planned changes		
oart	13	Reference	EN 300 220-3-2	
Ne l			EN 303 406	
Informative part			Commission Decision 2006/771/EC as amended	
forr	14	Notification number		
=	15	Remarks		

European	Dadia Intenface Constitution	Control of our	Out along 25	Edition	
Union	Radio Interface Specification	Social alarms	Sub-class 35	June 2012	

	Nr	Parameter	Description	Comments
	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	
Ħ	5	Modulation / Occupied bandwidth		
tive pa	6	Direction / Separation		
Normative part	7	Transmit power / Power density	10 mW e.r.p.	
2	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
part	12	Planned changes		
Informative pa	13	Reference	EN 300 220-3-1 Commission Decision 2006/771/EC as amended	
ŗ	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	Industive applications	Sub along 26	Edition	
Union	Radio interface Specification	Inductive applications	Sub-class 36	January 2018	

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

European	Radio Interface Specification	Inductive applications	Sub-class 37	Edition	l
Union	Nadio interrace opecification	muucuve applications	Sub-class 37	January 2018	l

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

European	Radio Interface Specification	Industive applications	Sub-class 39	Edition	l
Union	Nadio interrace opecification	muucuve applications	Sub-class 39	January 2018	l

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

European	Radio Interface Specification	Industive applications	Sub-class 40a	Edition	l
Union	Nadio interrace opecification	inductive applications	Sub-class 40a	January 2018	l

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

European	Radio Interface Specification	Industive applications	Sub-class 40b	Edition	l
Union	Nadio interrace opecification	muucuve applications	Sub-class 40b	January 2018	l

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

European	Radio Interface Specification	Industive applications	Sub-class 40c	Edition	l
Union	Nadio interrace opecification	muucuve applications	Sub-class 400	January 2018	l

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

European	Radio Interface Specification	Inductive applications	Sub-class 40d	Edition	l
Union	Nadio interrace opecification	inductive applications	Sub-class 400	January 2018	l

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

European	Radio Interface Specification	Inductive applications	Sub-class 40e	Edition	l
Union	Nadio interrace opecification	inductive applications	Sub-class 40e	January 2018	l

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

European	Radio Interface Specification	Industive applications	Sub alass 44	Edition	
Union	Radio interface Specification	Inductive applications	Sub-class 41	January 2018	

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

European	Radio Interface Specification	Inductive applications	Sub-class 42a	Edition	l
Union	Nadio interrace opecification	inductive applications	Sub-class 42a	January 2018	l

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

European	Radio Interface Specification	Inductive applications	Sub-class 42b	Edition	l
Union	Naulo interrace opecinication	muucuve applications	Sub-class 42b	January 2018	l

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

European	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 43	Edition	
Union	Radio interface Specification	Non-specific short kange bevices	Sub-Class 43	January 2018	

	Nr	Parameter	Description	Comments
	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		
Normative part	6	Direction / Separation		
ormativ	7	Transmit power / Power density	25 mW e.i.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
	12	Planned changes		
Informative part	13	Reference	EN 300 440	
mati			Commission Decision 2006/771/EC as amended	
for	14	Notification number		
드	15	Remarks		

European	Padio Interface Specification	Non-Specific Short Range Devices	Sub-class 44	Edition	l
Union	Nadio interrace opecification	Non-Specific Short Range Devices	Sub-class 44	January 2018	l

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

European	Radio Interface Specification	Inductive applications	Sub-class 45	Edition	
Union	Nadio interface Specification	inductive applications	Sub-class 43	January 2018	

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

European	Radio Interface Specification	Active medical implants	Sub-class 47	Edition	
Union	Radio interface Specification	Active medical implants	Sub-class 47	January 2018	

	Nr	Parameter	Description	Comments
	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.	
part	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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		
	11	Frequency planning assumptions		
	12	Planned changes		
Informative part	13	Reference	EN 301 839	
part			Commission Decision 2006/771/EC as amended	
Infc	14	Notification number		
	15	Remarks		

European	Radio Interface Specification	Wireless audio and multimedia applications	Sub-class 48	Edition	
Union	Naulo interrace opecinication	Wireless addio and multimedia applications	Sub-class 40	January 2018	

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	10 mW e.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
	12	Planned changes		
oart	13	Reference	EN 301 357	
ve			EN 300 422-1/-2/-3/-4	
Informative part			Commission Decision 2006/771/EC as amended	
forr	14	Notification number		
드	15	Remarks		

European	Radio Interface Specification	Destruction of avalanche victims	Sub along 40	Edition	
Union	Radio interface Specification	Dectection of avalanche victims	Sub-class 49	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Emergency detections of buried victims and valuable items	
	3	Frequency band	456.9-457.1 kHz	Center frequency is 457 kHz
	4	Channelling		
Ħ	5	Modulation / Occupied bandwidth	Unmodulated Continuous Wave (CW)	
Normative part	6	Direction / Separation		
lormat	7	Transmit power / Power density	7 dBµA/m at 10 m	
2	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements	According Decision 2001/148/EC	
	11	Frequency planning assumptions		
Ĭ	12	Planned changes		
Informative part	13	Reference	EN 300 718 Commission Decision 2006/771/EC as amended	
רייי	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	Transport and traffic telematics	Sub-class 50a	Edition	
Union	Nadio interface opecification	Transport and traine telematics	Sub-class 30a	January 2018	

	Nr	Parameter	Description	Comments
	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		
e part	6	Direction / Separation		
Normative	7	Transmit power /	55 dBm peak e.i.r.p. and	
or m		Power density	50 dBm mean e.i.r.p. and	
ž			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		
art	12	Planned changes		
Informative part	13	Reference	EN 301 091-1/-2/-3	
ativ			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Transport and traffic telematics	Sub-class 50b	Edition
Union			Sub-class 30b	January 2018

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions applies to obstacle detection systems for rotorcraft use only
	3	Frequency band	76.0 - 77.0 GHz	
	4	Channelling		
멑	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
mat	7	Transmit power /	30 dBm peak e.i.r.p. and	
Nor		Power density	3 dBm/MHz average	
	8	Channel access and occupation rules	≤ 56 %/s	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ĭ	12	Planned changes		
e pa	13	Reference	EN 303 360	
Informative part			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	PMR446	Sub-class 51	Edition	
Union	Nadio interface opecification	FIWIX440	Sub-class 31	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	PMR446	Hand portable equipment (no base station or repeater use) with integral antennas only. This equipment operates in short range peer-to-peer mode and shall be used neither as a part of infrastructure network nor as a repeater.
	3	Frequency band	446.0 - 446.2 MHz	Carrier frequencies [MHz] for 12.5 kHz channeling:
				446.006250; 446.018750; 446.031250; 446.043750; 446.056250; 446.068750; 446.081250; 446.093750; 446.106250; 446.118750; 446.131250; 446.143750; 446.156250; 446.168750; 446.181250; 446.193750
				Carrier frequencies [MHz] for 6.25 kHz channeling:
Normative part				446.003125; 446.009375; 446.015625; 446.021875; 446.028125; 446.034375; 446.040625; 446.046875; 446.053125; 446.059375; 446.065625; 446.071875; 446.078125; 446.084375; 446.090625; 446.096875; 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.
ž	4	Channelling	6.25/12.5 kHz	
	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	500 mW e.r.p.	Integral antenna only
	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 303 405 must be used	
	9	Authorisation regime		
	10	Additional essential requirements		

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

			Sub-class of Class 1 according Commission Decision 2	2000/299/EC (6.4.2000)	Page 47 of 129
	11	Frequency planning assumptions			
part	12	Planned changes			
	13	Reference	EN 303 405		
ative			Commission Decision 2006/771/EC as amended		
Informative	14	Notification number			
Info	15	Remarks			

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 52	Edition January 2018
-------------------	-------------------------------	----------------------------------	--------------	-------------------------

Nr	Parameter	Description	Comments
1	Radiocommunication Service	Mobile Service	
2	Application	Transport and traffic telematics	Automotive Short Range Radars
3	Frequency band	24.25 - 26.65 GHz	
4	Channelling		
5	Modulation / Occupied bandwidth		
6	Direction / Separation		
7	Transmit power /	0 dBm/50 MHz peak e.i.r.p.	
	Power density	- 41.3 dBm/MHz mean e.i.r.p. density	
8	Channel access and occupation rules		
9	Authorisation regime		
10	Additional essential requirements		
11	Frequency planning assumptions		
12	Planned changes		
13	Reference	EN 302 288	
		Commission Decision 2005/50/EC as amended by Commission Decision 2011/485/EU	
14	Notification number		
15	Remarks		
	1 2 3 4 5 6 7 8 9 10 11	1 Radiocommunication Service 2 Application 3 Frequency band 4 Channelling 5 Modulation / Occupied bandwidth 6 Direction / Separation 7 Transmit power / Power density 8 Channel access and occupation rules 9 Authorisation regime 10 Additional essential requirements 11 Frequency planning assumptions 12 Planned changes 13 Reference	1 Radiocommunication Service 2 Application Transport and traffic telematics 3 Frequency band 24.25 - 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 8 Channel access and occupation rules 9 Authorisation regime 10 Additional essential requirements 11 Frequency planning assumptions 12 Planned changes 13 Reference EN 302 288 Commission Decision 2005/50/EC as amended by Commission Decision 2011/485/EU

European	Radio Interface Specification	Transport and traffic telematics	Sub-class 53	Edition	l
Union	Naulo interrace opecinication	Transport and traine telematics	Sub-class 33	January 2018	l

Nr	Parameter	Description	Comments
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 /	55 dBm peak e.i.r.p.	
	Power density	- 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		
12	Planned changes		
13	Reference	EN 302 264	
		Commission Decision 2004/545/EC	
14	Notification number		
15	Remarks		
	2 3 4 5 6 7 8 9 10 11	Service Application Frequency band Channelling Modulation / Occupied bandwidth Direction / Separation Transmit power / Power density Channel access and occupation rules Authorisation regime Additional essential requirements Frequency planning assumptions Planned changes Reference	Service Application Transport and traffic telematics Frequency band Channelling Modulation / Occupied bandwidth Direction / Separation Transmit power / Power density Modulation / Occupied bandwidth Frequency band Additional essential requirements Prequency planning assumptions Reference EN 302 264 Commission Decision 2004/545/EC

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

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service except aeronautical mobile service	
	2	Application	Wireless Access Systems including Radio Local Area Networks (WAS/RLANs)	Forbidden for communication between planes and earth stations.
	3	Frequency band	5 470 – 5 725 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
.	6	Direction / Separation		
Normative part	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		
.	12	Planned changes		
part	13	Reference	EN 301 893	
Informative			Commission Decision 2007/90/EC amending Decision 2005/513/EC	
forn	14	Notification number		
<u>=</u>	15	Remarks		

European	Radio Interface Specification	Radio Frequency Identification Devices	Sub-class 56	Edition	
Union	Nadio interface opecification	Radio Frequency Identification Devices	Sub-class 30	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Radio frequency identification (RFID)	
	3	Frequency band	865 - 868 MHz	Channel center frequencies for interrogators are: 865,7 MHz, 866,3 MHz, 866,9 MHz and 867,5 MHz.
	4	Channelling	200 kHz	
	5	Modulation / Occupied bandwidth		
part	6	Direction / Separation		
Normative	7	Transmit power / Power density	2 W e.r.p.	For interrogators
Š	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 302 208 must be used.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
art	12	Planned changes		
Informative part	13	Reference	EN 302 208	
ativ			Commission Decision 2006/771/EC as amended	
orm	14	Notification number		
Infe	15	Remarks		

European	Radio Interface Specification	Equipment using Ultra-Wideband Technology	Sub-class 57b	Edition	
Union	Nadio interface opecification	Equipment using offia-wideband reclinology	Sub-class 37 b	January 2018	

	Nr	Parameter	Description	Comments
	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	3.1 - 4.8 GHz	
			6.0 – 9.0 GHz	
	4	Channelling		
part	5	Modulation / Occupied bandwidth		
tive pa	6	Direction / Separation		
Normative	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 2007/131/EC as amended.	Equipment using ultra-wideband technology may also be allowed to use the radio spectrum with the higher e.i.r.p. limits set out in in the Annex of Decision 2007/131/EC as amended, 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 2007/131/EC as amended. Mitigation techniques are described in the relevant harmonised standards EN 302 065-3 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 described in the relevant harmonised standard EN 302 065-3.	
	9	Authorisation regime		
	10	Additional essential requirements		

b-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)	Page 53 of 129
	11	Frequency planning assumptions		
part	12	Planned changes		
	13	Reference	EN 302 065-3	
rmative			Commission Decision 2007/131/EC as amended	
rm	14	Notification number		
Info	15	Remarks		

European	Dadia Interfesa Chasification	Fauinment using Little Widehand Technology	Sub along F7e	Edition	
Union	Radio Interface Specification	Equipment using Ultra-Wideband Technology	Sub-class 57c	November 2016	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Material Sensing Devices (Building Material Analysis - BMA and Object Discrimination and Characterisation - ODC) 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	Main operating frequency ranges : 2.2 - 8.5 GHz
	4	Channelling		
	5	Modulation / Occupied bandwidth		
ırt	6	Direction / Separation		
Normative part	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 2007/131/EC as amended.	Equipment using ultra-wideband technology may also be allowed to use the radio spectrum with the higher e.i.r.p. limits set out in in the Annex of Decision 2007/131/EC as amended 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 2007/131/EC as amended. Mitigation techniques are described in the relevant harmonised standards EN 302 065-4 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 described in the relevant harmonised standard EN 302 065-4.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		

ub-class of Class	1 according Com	mission Decision	2000/299/EC (6.4.2000)
-------------------	-----------------	------------------	------------------------

			Sub-class of Class 1 according Commission Decision 2	2000/299/EC (6.4.2000)	Page 55 of 129
Ħ	12	Planned changes			
e pg	13	Reference	EN 302 065-4		
ativ			Commission Decision 2007/131/EC as amended		
r n	14	Notification number			
lufo	15	Remarks			

European	ropean Badia Intentan Consideration	Non Chariffe Chart Bound Boules	Out along C4	Edition	
Union	Radio interface Specification	Non-Specific Short Range Devices	Sub-class 61	June 2012	

	Nr	Parameter	Description	Comments
	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		
part	6	Direction / Separation		
ıtive	7	Transmit power /	1 mW e.r.p.	
Normative		Power density	- 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		
art	12	Planned changes		
e pa	13	Reference	EN 300 220-2	
Informative part			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Padio Interface Specification	Non-Specific Short Range Devices	Sub-class 62	Edition	l
Union	Nadio interface opecification	Non-Specific Short Range Devices	Sub-class 02	January 2018	l

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

European	Dadia Interface Cuccification	Non Crosifia Chart Borres Boyless	Sub alone C2	Edition	
Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 63	June 2012	

	Nr	Parameter	Description	Comments
	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		
part	6	Direction / Separation		
ıtive	7	Transmit power /	1 mW e.r.p.	
Normative		Power density	- 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		
Ħ	12	Planned changes		
e ba	13	Reference	EN 300 220-2	
Informative part			Commission Decision 2006/771/EC as amended	
rm;	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Assistive Listening Devices	Sub-class 64	Edition	l
Union	Nadio interface opecinication	Assistive Listerling Devices	3ub-0lass 04	January 2018	

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	500 mW e.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
T.	12	Planned changes		
Informative part	13	Reference	EN 300 422-4	
ativ			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Dadia Interfesa Cuasification	Non Crosifia Chart Donna Davissa	Sub along CE	Edition	
Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 65	June 2012	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	Audio and video applications are excluded
	3	Frequency band	434.04 - 434.79 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
part	6	Direction / Separation		
Normative	7	Transmit power / Power density	10 mW e.r.p.	
Norn	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		
art _	12	Planned changes		
e ps	13	Reference	EN 300 220-2	
Informative part			Commission Decision 2006/771/EC as amended	
r i	14	Notification number		
Infc	15	Remarks		

European	Padio Interface Specification	Non-Specific Short Range Devices	Sub-class 66	Edition	l
Union	Nadio interface opecification	Non-Specific Short Range Devices	Sub-class 00	January 2018	l

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	863 - 865 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
art	6	Direction / Separation		
Normative part	7	Transmit power / Power density	25 mW e.r.p.	
Norm	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		
Tre.	12	Planned changes		
Informative part	13	Reference	EN 300 220-2	
ativ			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Dadia Interface Cuccification	Non Crosifia Chart Donna Davissa	Sub along C7	Edition	
Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 67	June 2012	

	Nr	Parameter	Description	Comments
	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 - 868 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
part	6	Direction / Separation		
Normative	7	Transmit power / Power density	25 mW e.r.p.	
Nor	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		
part	12	Planned changes		
e p	13	Reference	EN 300 220-2	
Informative			Commission Decision 2006/771/EC as amended	
Jr.m	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Assistive Listening DevicesAids	Sub-class 68	Edition	l
Union	Nadio interrace opecification	Assistive Listerining Devices Alus	Sub-class 00	January 2018	l

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	500 mW e.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
T.	12	Planned changes		
Informative part	13	Reference	EN 300 422-4 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

-	European	Radio Interface Specification	Non Charifia Chart Bonna Bouissa	Sub along CO	Edition	
	Union	Radio interface Specification	Non-Specific Short Range Devices	Sub-class 69	June 2012	

	Nr	Parameter	Description	Comments
	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	869.7 - 870 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
part	6	Direction / Separation		
Normative	7	Transmit power / Power density	25 mW e.r.p.	
Nor	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		
part	12	Planned changes		
е р	13	Reference	EN 300 220-2	
Informative			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 71	Edition
Union	Radio interface Specification		Sub-class / I	January 2018

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	100 mW e.i.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
part	12	Planned changes		
ve pa	13	Reference	EN 305 550	
Informative			Commission Decision 2006/771/EC as amended	
orn	14	Notification number		
Inf	15	Remarks		

European	Radio Interface Specification	Alarms	Sub-class 72	Edition	l
Union	Nadio interface opecification	Alainis	Sub-class 72	January 2018	l

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Alarms	
	3	Frequency band	869.300 - 869.400 MHz	
	4	Channelling	25 kHz	
	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
ormati	7	Transmit power / Power density	10 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 1.0 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
	12	Planned changes		
part	13	Reference	EN 300 220-3-2	
, e			EN 303 406	
Informative part			Commission Decision 2006/771/EC as amended	
fori	14	Notification number		
드	15	Remarks		

European	Radio Interface Specification	Inductive applications	Sub-class 73	Edition	l
Union	Nadio interrace opecification	muucuve applications	Sub-class 73	January 2018	l

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

European	Radio Interface Specification	Inductive applications	Sub-class 74	Edition	ì
Union	Nadio interrace opecinication	inductive applications	Sub-class 14	January 2018	1

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	148.5 - 5 000 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
part	6	Direction / Separation		
i.	7	Transmit power /	- 15 dBµA/m at 10 metres in any bandwidth of 10 kHz	
Normative		Power density	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		
	12	Planned changes		
Informative part	13	Reference	EN 300 330	
ve			EN 302 536	
nati			Commission Decision 2006/771/EC as amended	
forr	14	Notification number		
드	15	Remarks		

European	Dadia Interface Cuccification	Industive applications	Sub along 75	Edition	
Union	Radio Interface Specification	Inductive applications	Sub-class 75	January 2018	

	Nr	Parameter	Description	Comments
	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		
Ħ	5	Modulation / Occupied bandwidth		
tive pa	6	Direction / Separation		
Normative part	7	Transmit power / Power density	- 8 dBµA/m at 10m	
2	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
part	12	Planned changes		
Informative pa	13	Reference	EN 300 330 Commission Decision 2006/771/EC as amended	
ŗ	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	Inductive applications	Sub-class 76	Edition
Union	Radio interface Specification	inductive applications	Sub-class 76	January 2018

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

European	Radio Interface Specification	Industive applications	Sub along 77	Edition	
Union	Radio interface Specification	Inductive applications	Sub-class 77	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	
	3	Frequency band	5 - 30 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
part	6	Direction / Separation		
ive	7	Transmit power /	- 20 dBµA/m at 10 metres in any bandwidth of 10 kHz	
Normative		Power density	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		
ır	12	Planned changes		
e ps	13	Reference	EN 300 330	
Informative part			Commission Decision 2006/771/EC as amended	
Ľ	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	Industive applications	Sub along 70	Edition	
Union	Radio interface Specification	Inductive applications	Sub-class 78	January 2018	

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

European	Radio Interface Specification	Inductive applications	Sub-class 79	Edition	
Union	Naulo interface opecification	muutive applications	Sub-class 19	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Inductive applications	This set of usage conditions applies to Radio Frequency Identification (RFID).
	3	Frequency band	13 553 - 13 567 kHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
e part	6	Direction / Separation		
Normative part	7	Transmit power / Power density	60 dBμA/m at 10m	The transmission mask and antenna requirements for all combined frequency segments have to provide at least equivalent performance to the techniques described in harmonised standards EN 300 330.
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Ħ	12	Planned changes		
Informative part	13	Reference	EN 300 330	
ativ			Commission Decision 2006/771/EC as amended	
r.	14	Notification number		
Info	15	Remarks		

Page 74 of 129

European	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 80	Edition	
Union	Radio interface Specification	Non-specific short kange bevices	Sub-class ov	July 2014	

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	500 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 1%	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Į,	12	Planned changes		
ve part	13	Reference	EN 300 220-2	
Informative		N. de de	Commission Decision 2006/771/EC as amended	
orn	14	Notification number		
Inf	15	Remarks		

Page 75 of 129

	European Union	Radio Interface Specification	Active medical implants	Sub-class 81	Edition	
					January 2018	

	Nr	Parameter	Description	Comments
	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		
e part	5	Modulation / Occupied bandwidth		
Normative	6	Direction / Separation		
No	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		
art	12	Planned changes		
e b	13	Reference	EN 302 195	
Informative part			Commission Decision 2006/771/EC as amended	
Jr.m.	14	Notification number		
Infc	15	Remarks		

European Union	Radio Interface Specification	Active medical implants	Sub-class 82	Edition	
				January 2018	

	Nr	Parameter	Description	Comments
	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	
T.	4	Channelling		
Normative part	5	Modulation / Occupied bandwidth		
Norma	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		
art	12	Planned changes		
Informative part	13	Reference	EN 302 510	
ativ			Commission Decision 2006/771/EC as amended	
Jr. I	14	Notification number		
Infc	15	Remarks		

European		Active medical implants and associated		Edition
Union	Radio Interface Specification	peripherals	Sub-class 83	November June 2017

	Nr	Parameter	Description	Comments
	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.	
ve par	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Ž	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 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		
×e ×	12	Planned changes		
Informative part	13	Reference	EN 302 537	
forn			Commission Decision 2006/771/EC as amended	
<u> </u>	14	Notification number		

Sub-class of Class 1 a	ccordina Commissio	n Decision 2000/299)/EC (6.4.2000)
oub class of class i a	loodianing odinininoolo	200.0.0 2000/200	, = 0 (0 000)

Page 78 of 129

15 Remarks

European	Radio Interface Specification	Active medical implants and associated	Sub-class 84	Edition	l
Union	Naulo interrace opecinication	peripherals	Sub-class 04	January 2018	l

	Nr	Parameter	Description	Comments
	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.	
Normative part	5	Modulation / Occupied bandwidth		
ormati	6	Direction / Separation		
Ž	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 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		
art	12	Planned changes		
Informative part	13	Reference	EN 302 537	
ativ			Commission Decision 2006/771/EC as amended	
orm	14	Notification number		
Infe	15	Remarks		

European	Radio Interface Specification	Low power FM transmitters	Sub-class 86	Edition
Union				January 2018

	Nr	Parameter	Description	Comments
	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	
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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		
Ħ	12	Planned changes		
e bs	13	Reference	EN 301 357	
Informative part			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Radio determination applications	Sub-class 88	Edition	
Union	Nadio interrace Specification	Radio determination applications	Sub-class 66	January 2018	

	Nr	Parameter	Description	Comments
	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		
part	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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 must be used	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
art	12	Planned changes		
Informative part	13	Reference	EN 300 440	
ativ			Commission Decision 2006/771/EC as amended	
or m	14	Notification number		
Infe	15	Remarks		

European Union	Radio Interface Specification	Radio determination devices	Sub along 90	Edition	
			Sub-class 89	January 2018	

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norma	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 must be used	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ırt	12	Planned changes		
Informative part	13	Reference	EN 302 372	
ativ			Commission Decision 2006/771/EC as amended	
r m	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Radio determination devices	Sub-class 90	Edition	
Union	Nadio interface opecification	radio determination devices	Oub-class 30	January 2018	

	Nr	Parameter	Description	Comments
	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		
oart	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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 must be used	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
art	12	Planned changes		
Informative part	13	Reference	EN 302 372	
ativ			Commission Decision 2006/771/EC as amended	
orm	14	Notification number		
Infc	15	Remarks		

European Union	Radio Interface Specification	Radio determination devices	Cub along 04	Edition	
			Sub-class 91	January 2018	

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norma	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 must be used	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ī	12	Planned changes		
Informative part	13	Reference	EN 302 372	
ativ			Commission Decision 2006/771/EC as amended	
orm	14	Notification number		
Infc	15	Remarks		

European Union	Radio Interface Specification	Radio determination devices	Sub-class 92	Edition	
	Radio interface Specification			January 2018	

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norma	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 must be used	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
i.	12	Planned changes		
Informative part	13	Reference	EN 302 372	
ativ			Commission Decision 2006/771/EC as amended	
r.n	14	Notification number		
Infe	15	Remarks		

European	Radio Interface Specification	Radio determination devices	Sub-class 93	Edition	l
Union	Nadio interrace opecification	Naulo determination devices	Sub-class 33	January 2018	l

	Nr	Parameter	Description	Comments
	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		
oart	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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 must be used	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
art	12	Planned changes		
e ps	13	Reference	EN 302 372	
Informative part			Commission Decision 2006/771/EC as amended	
rm.	14	Notification number		
Infc	15	Remarks		

European Union	Radio Interface Specification	Model control	Out along 04	Edition	
			Sub-class 94	June 2012	

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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		
ırt	12	Planned changes		
Informative part	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
rm,	14	Notification number		
Info	15	Remarks		

European Union	Radio Interface Specification	Model control	Sub-class 95	Edition	l
			Sub-class 93	June 2012	l

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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		
ırt	12	Planned changes		
Informative part	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
rm,	14	Notification number		
Info	15	Remarks		

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

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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		
ırt	12	Planned changes		
Informative part	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
rm,	14	Notification number		
Info	15	Remarks		

European Union	Radio Interface Specification	Model control	Sub-class 97	Edition	l
			Sub-class 91	June 2012	l

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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		
ırt	12	Planned changes		
Informative part	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
rma	14	Notification number		
Info	15	Remarks		

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

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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		
ırt	12	Planned changes		
Informative part	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
rm,	14	Notification number		
Info	15	Remarks		

European Union	Radio Interface Specification	Radio frequency identification	Sub-class 100	Edition	
				January 2018	

	Nr	Parameter	Description	Comments
	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		
part	6	Direction / Separation		
Normative part	7	Transmit power / Power density	500 mW e.i.r.p.	
Norm	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 must be used	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ır	12	Planned changes		
e bs	13	Reference	EN 300 440	
Informative part			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Transport and traffic telematics	Sub-class 101	Edition	Ì
Union	Radio interrace Specification	Transport and traine telematics	Sub-class 101	January 2018	ì

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	100 mW e.i.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
T.	12	Planned changes		
e pa	13	Reference	EN 302 858	
Informative part			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

	European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 102	Edition	l
					January 2018	l

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	0.1 mW e.i.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
T.	12	Planned changes		
Informative part	13	Reference	EN 302 858 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

	European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 103	Edition	
					January 2018	

	Nr	Parameter	Description	Comments
	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	
art	6	Direction / Separation		
itive pa	7	Transmit power / Power density	100 mW e.i.r.p.	
Normative part	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 must be used	
			Dwell time limits apply as specified in harmonised standards	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ĭ	12	Planned changes		
Informative part	13	Reference	EN 302 858	
ativ			Commission Decision 2006/771/EC as amended	
, m	14	Notification number		
Infc	15	Remarks		

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 104	Edition	
				January 2018	

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	100 mW e.i.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
T.	12	Planned changes		
Informative part	13	Reference	EN 302 858 Commission Decision 2006/771/EC as amended	
rm,	14	Notification number		
Info	15	Remarks		

European Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 105	Edition	
			Sub-class 103	July 2014	

	Nr	Parameter	Description	Comments
	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		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norma	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		
ırt	12	Planned changes		
Informative part	13	Reference	EN 302 686 Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infor	15	Remarks		

European Union	Radio Interface Specification	Inductive applications	Sub-class 106	Edition	
			Sub-class 100	January 2018	

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

	European	Padio Interface Specification	Non-Specific Short Range Devices	Sub-class 107a	Edition	
Union	Nadio interrace opecification	Non-Specific Short Kange Devices	Jub-class 107a	January 2018		

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	122 – 122.25 GHz	
	4	Channelling		
,	5	Modulation / Occupied bandwidth		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	10 dBm e.i.r.p/250 MHz and – 48 dBm/MHz at 30° elevation	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ıı	12	Planned changes		
Informative part	13	Reference	EN 305 550 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

Page 100 of 129

European	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 107b	Edition]
Union		The specific characteristics		January 2018	l

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	122.25 – 123 GHz	
	4	Channelling		
.	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
ormati	7	Transmit power / Power density	100 mW e.i.r.p.	
ž	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Ħ	12	Planned changes		
e ba	13	Reference	EN 305 550	
Informative part			Commission Decision 2006/771/EC as amended	
Ľ.	14	Notification number		
Infc	15	Remarks		

Page 101 of 129

European	Radio Interface Specification	Transport and traffic telematics	Sub-class 108	Edition	l
Union	Radio interface Specification	Transport and traine telematics	Sub-class 100	July 2014	l

	Nr	Parameter	Description	Comments
	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		
Normative part	6	Direction / Separation		
ormati	7	Transmit power / Power density	-14 dBm e.i.r.p.	
ž	8	Channel access and occupation rules	according to EN 12253	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions	EN 12253	
Ę	12	Planned changes		
e bs	13	Reference	EN 300 674-2-2	
Informative part			Directive 2004/52/EC as amended	
Ľ	14	Notification number		
Info	15	Remarks		

Page 102 of 129

European	Dadie Interface Charification	Transport and traffic telemetics	Sub alass 100	Edition	
Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 109	July 2014	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions is for Eurobalise transmissions in the presence of trains and using the 27 MHz band for telepowering.
	3	Frequency band	984 – 7 484 kHz	
	4	Channelling		
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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		
Ħ	12	Planned changes		
Informative part	13	Reference	EN 302 608	
ativ			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Radia Interfesa Cresification	Transport and traffic telemetics	Sub along 440	Edition	
Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 110	July 2014	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions is for 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		
art	5	Modulation / Occupied bandwidth		
ative p	6	Direction / Separation		
Normative part	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		
ırt	12	Planned changes		
Informative part	13	Reference	EN 302 609	
			Commission Decision 2006/771/EC as amended	
	14	Notification number		
Infc	15	Remarks		

European	Dadia Interface Consideration	Transport and traffic talametics	Sub along 444	Edition	
Union	Radio Interface Specification	Transport and traffic telematics	Sub-class 111	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions is for 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		
e part	6	Direction / Separation		
Normative	7	Transmit power / Power density	-11 dBm e.i.r.p.	
Ō	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 must be used.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
part	12	Planned changes		
e ps	13	Reference	EN 302 288	
Informative			Commission Decision 2006/771/EC as amended	
r ii	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	Transport and traffic telemetics	Sub-class 112	Edition	
Union	Radio interface Specification	Transport and traffic telematics	Sub-class 112	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions is for 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		
Normative part	6	Direction / Separation		
tive	7	Transmit power /	20 dBm e.i.r.p. (forward-facing radars)	
rma		Power density	16 dBm e.i.r.p. (rear-facing radars)	
No	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 must be used.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
art	12	Planned changes		
Informative part	13	Reference	EN 302 288	
ativ			Commission Decision 2006/771/EC as amended	
Jr.m.	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Transport and traffic telematics	Sub-class 113	Edition	l
Union	Naulo interrace opecinication	Transport and traine telematics	Sub-class 113	January 2018	l

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions is for 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		
e part	6	Direction / Separation		
Normative	7	Transmit power / Power density	-8 dBm e.i.r.p.	
ŌN	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 must be used.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
part	12	Planned changes		
ve ps	13	Reference	EN 302 288	
Informative			Commission Decision 2006/771/EC as amended	
orn	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	fication Inductive applications	Sub-class 116	Edition
Union	Radio interface Specification	inductive applications	Sub-class 110	January 2018

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

European	Radio Interface Specification	tion Active modical implants	Sub along 447	Edition	
Union	Radio interface Specification	Active medical implants	Sub-class 117	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Active medical implants	This set of usage conditions is for 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.	
art	5	Modulation / Occupied bandwidth		
Normative part	6	Direction / Separation		
Norm	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 must be used.	
			Duty cycle limit of 10 %.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
t	12	Planned changes		
Informative part	13	Reference	EN 301 559	
ativ			Commission Decision 2006/771/EC as amended	
Jr II	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Non Specific Short Dange Davises	Sub along 449	Edition	
Union	Radio interface Specification	Non-Specific Short Range Devices	Sub-class 118	July 2014	

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	100 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
II	12	Planned changes		
Informative part	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

European	Radio Interface Cuccification	Non Specific Short Dange Davison	Sub alace 440	Edition	
Union	Radio interrace Specification	Non-Specific Short Range Devices	Sub-class 119	July 2014	

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	100 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
part	12	Planned changes		
e bs	13	Reference	EN 300 220-2	
Informative			Commission Decision 2006/771/EC as amended	
r m	14	Notification number		
Info	15	Remarks		

European	Dadia Interfesa Cresification	Non Charific Chart Bonne Boules	Sub along 420	Edition	
Union	Radio interface Specification	Non-Specific Short Range Devices	Sub-class 120	July 2014	

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	100 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
part	12	Planned changes		
'e ps	13	Reference	EN 300 220-2	
Informative			Commission Decision 2006/771/EC as amended	
r.n	14	Notification number		
Infc	15	Remarks		

European	Padio Interface Specification	Non-Specific Short Range Devices	Sub-class 121	Edition	l
Union	Nadio interrace Specification	Non-Specific Short Kange Devices	Sub-class 121	July 2014	l

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	100 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
II	12	Planned changes		
Informative part	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

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

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	100 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 0.1 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
II	12	Planned changes		
Informative part	13	Reference	EN 300 220-2 Commission Decision 2006/771/EC as amended	
rms	14	Notification number		
Info	15	Remarks		

European	Radio Interface Specification	Metering Devices	Sub-class 123	Edition	
Union	Radio interface Specification	Metering Devices	Sub-class 123	January 2018	

	Nr	Parameter	Description	Comments
	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		
ve part	6	Direction / Separation		
Normative	7	Transmit power / Power density	500 mW e.r.p.	
ž	8	Channel access and occupation rules	Duty cycle ≤ 10%	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ırt	12	Planned changes		
Informative part	13	Reference	EN 300 220-4 Commission Decision 2006/771/EC as amended	
rm,	14	Notification number		
Info	15	Remarks		

Page 115 of 129

European	Dadie Interface Charification	Non Specific Short Dange Davises	Sub along 424	Edition	
Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 124	July 2014	

	Nr	Parameter	Description	Comments
	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		
e part	7	Transmit power / Power density	10 mW e.r.p.	
Normative part	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.	
			Duty cycle limit of 0.001 %.	
			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		
ī.	12	Planned changes		
e ps	13	Reference	EN 300 220-2	
Informative part			Commission Decision 2006/771/EC as amended	
rm:	14	Notification number		
Infc	15	Remarks		

Page 116 of 129

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

	Nr	Parameter	Description	Comments
	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		
Ĕ	5	Modulation / Occupied bandwidth		
tive pa	6	Direction / Separation		
Normative part	7	Transmit power / Power density	10 mW e.r.p.	
2	8	Channel access and occupation rules	Duty cycle ≤ 10 %	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Ĕ	12	Planned changes		
е ра	13	Reference	EN 300 220-2	
Informative part			Commission Decision 2006/771/EC as amended	
Ľ	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 126	Edition	
Union	Naulo interrace opecinication	Non-Specific Short Kange Devices	Sub-class 120	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-Specific Short Range Devices	
	3	Frequency band	57 - 64 GHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth		
e part	6	Direction / Separation		
Normative part	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		
ır	12	Planned changes		
e pa	13	Reference	EN 305 550	
Informative part			Commission Decision 2006/771/EC as amended	
r i	14	Notification number		
Infc	15	Remarks		

European	Radio Interface Specification	Radio determination devices	Sub-class 127	Edition	
Union	Nadio interrace opecinication	Naulo determination devices	Sub-class 127	January 2018	

	Nr	Parameter	Description	Comments
	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		
Normative part	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 must be used.	
	8	Channel access and occupation rules		
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
די	12	Planned changes		
e ps	13	Reference	EN 302 729	
Informative part			Commission Decision 2006/771/EC as amended	
rm	14	Notification number		
Infc	15	Remarks		

European	Dadia Interfesa Cresification	Non Charific Chart Dance Davises	Sub along 420	Edition	
Union	Radio Interface Specification	Non-Specific Short Range Devices	Sub-class 128	July 2014	

	Nr	Parameter	Description	Comments
	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		
art	6	Direction / Separation		
Normative part	7	Transmit power / Power density	10 mW e.r.p.	
Norma	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.	
			Duty cycle limit of 0.1 %.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Ð	12	Planned changes		
Informative part	13	Reference	EN 300 220-2	
orma	14	Notification number		
Infe	15	Remarks	Commission Decision 2006/771/EC as amended	

Page 120 of 129

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

	Nr	Parameter	Description	Comments
	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		
art	6	Direction / Separation		
Normative part	7	Transmit power / Power density	10 mW e.r.p.	
Norma	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.	
			Duty cycle limit of 0.1 %.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ø	12	Planned changes		
Informative part	13	Reference	EN 300 220-2	
ormat	14	Notification number		
Infc	15	Remarks	Commission Decision 2006/771/EC as amended	

European	Radio Interface Specification	Assistive Listening Devices	Sub-class 131	Edition	
Union	Radio interface Specification	Assistive Listerling Devices	Sub-class 131	January 2018	

	Nr	Parameter	Description	Comments
-	1	Radiocommunication Service	Mobile Service	
	2	Application	Assistive Listening Devices	
	3	Frequency band	173.965 - 216 MHz	Devices shall implement the whole frequency range on a tuning range basis.
				A threshold of 35 dBµV/m is required to ensure the protection of a DAB receiver located at 1,5 m from the ALD device, subject to DAB signal strength measurements taken around the ALD operating site. The ALD device should operate under all circumstances at least 300 kHz away from the channel edge of an occupied DAB channel.
+	4	Channelling	max. 50 kHz	
Normative part	5	Modulation / Occupied bandwidth		
ormati	6	Direction / Separation		
Z	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 harmonised standard EN 300 422-4 must be used.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
align*	12	Planned changes		
Informative part	13	Reference	EN 300 422-4	
forn			Commission Decision 2006/771/EC as amended	
<u> </u>	14	Notification number		

							- (/	
	15	Ren	narks					
European			Radio Interface Specification		Wideband Data Transmission Systems		Sub-class 132	Edition
Union	Union						Sub-class 132	January 2018

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Wideband Data Transmission Systems	This set of usage conditions is only available for wideband SRDs in data networks.
	3	Frequency band	863 - 868 MHz	
	4	Channelling		
	5	Modulation / Occupied bandwidth	Bandwidth: ≤ 1 MHz.	
بو	6	Direction / Separation		
ve par	7	Transmit power / Power density	25 mW erp	
Normative part	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 standards adopted under Directive 2014/53/EU must be used.	
			Duty cycle: ≤ 10 % for network access points	
			Duty cycle: ≤ 2,8 % otherwise.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
	12	Planned changes		
Informative part	13	Reference	Commission Decision 2006/771/EC as amended	
ormaí part	14	Notification number		
<u>Inf</u>	15	Remarks		

Page 123 of 129

European	Radio Interface Specification	Wideband Data Transmission Systems	Sub-class 133	Edition	
Union	Nadio interface opecification	Wideballa Data Transmission Systems	Oub-class 133	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Non-specific short- range devices	This set of usage conditions is only available for data networks
	3	Frequency band	865 - 868 MHz	Transmissions only permitted within the bands 865,6- 865,8 MHz, 866,2-866,4 MHz, 866,8-867,0 MHz and 867,4- 867,6 MHz.
	4	Channelling		
	5	Modulation / Occupied bandwidth	Bandwidth: ≤ 200 kHz.	
art .	6	Direction / Separation		
Normative part	7	Transmit power / Power density	500 mW erp	Adaptive Power Control (APC) required. Alternatively other mitigation technique with at least an equivalent level of spectrum compatibility.
Nor	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 303 204 must be used.	
			Duty cycle : ≤ 10 % for network access points	
			Duty cycle : ≤ 2,5 % otherwise.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ø	12	Planned changes		
Informative part	13	Reference	Commission Decision 2006/771/EC as amended	
orma	14	Notification number		
Info	15	Remarks		

Page 124 of 129

European	Radio Interface Specification	Transport and traffic telematics	Sub-class 134	Edition		
	Union	Radio interface Specification	Transport and traine telematics	Sub-class 134	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Transport and traffic telematics	This set of usage conditions applies only to road tolling applications.
	3	Frequency band	5 795 - 5 815 MHz	
	4	Channelling		
Normative part	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	2 W 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 300 674-2-1 must be used.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
Tr.	12	Planned changes		
e pa	13	Reference	EN 300 674-2-1	
ativ			Directive 2006/771/EC as amended	
Ľ	14	Notification number		
Informative part	15	Remarks		

Page 125 of 129

European	Radio Interface Specification	Transport and traffic telematics	Sub-class 135	Edition	
Union	Radio interface Specification	Transport and traine telematics	Sub-class 133	January 2018	

	Nr	Parameter	Description	Comments
	1	Radiocommunication Service	Mobile Service	
	2	Application	Intelligent Transport Systems (ITS)	This subclass is for vehicle to vehicle safety related communication.
	3	Frequency band	5 875 - 5 905 MHz	
	4	Channelling		
Normative part	5	Modulation / Occupied bandwidth		
	6	Direction / Separation		
	7	Transmit power / Power density	33 dBm mean e.i.r.p 23 dBm / MHz	Transmit power control range of at least 30 dB.
No	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 302 571 and EN 302 663 must be used.	
	9	Authorisation regime		
	10	Additional essential requirements		
	11	Frequency planning assumptions		
ır	12	Planned changes		
e bs	13	Reference	EN 302 571	
ative			EC Decision 2008/671/EC	
rm.	14	Notification number		
Informative part	15	Remarks		