

SCHEDULE

Regulation 4

DESCRIPTIONS OF RELEVANT SHORT RANGE DEVICES

Cordless Audio Apparatus

1. Cordless wireless telegraphy apparatus designed or adapted—
 - (a) so as to provide a short range radio link between itself and audio equipment; and
 - (b) so as to be capable of use only within the frequency bands and at a power not exceeding the maximum for such frequency bands, specified in the table below—

Frequencies	Maximum power erp
36.61—36.79 MHz	10 μ W
37.01—37.19 MHz	10 μ W

Emergency Alarms

2. Wireless telegraphy apparatus designed or adapted—
 - (a) for the sole purpose of sending and receiving non-verbal signals in order to summon assistance to those persons who may require it by reason of old age or infirmity; and
 - (b) so as to be capable of use only on one or more of the frequencies and at a power not exceeding the maximum for such frequencies, specified in the table below—

Frequencies	Maximum power erp
27.450 MHz	0.5 mW
34.925 MHz	0.5 mW
34.950 MHz	0.5 mW
34.975 MHz	0.5 mW

Field Disturbance and Doppler Apparatus

3. Wireless telegraphy apparatus designed or adapted—
 - (a) to produce a radiated field and respond to a variation in that field as a result of any intrusion or movement within that field by other devices, objects or persons in order to detect or monitor the movement of such devices, objects or persons; and
 - (b) so as to be capable of use only on the frequencies, and at a power or field strength, as the case may be, not exceeding the maximum for such frequencies, for each category of apparatus, specified in the table below—

Category	Description of apparatus	Frequencies	Maximum power (eirp or erp)	Maximum field strength at a distance of 10 metres
1	Apparatus designed solely to detect resonant circuits for use	13.56 MHz \pm 0.2%		4,500 μ V/m

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Category	Description of apparatus	Frequencies	Maximum power (eirp or erp)	Maximum field strength at a distance of 10 metres
	on a frequency of 13.56 MHz \pm 0.2%			
2	Apparatus (other than category 1 above) designed solely to detect resonant circuits	2-32 MHz		1,000 μ V/m
3	Apparatus designed solely to detect resonant circuits for the purpose of the prevention of theft	888.000-889.637500 MHz 888.6875-889.000 MHz	500 mW erp	
4	Apparatus designed solely for outdoor use	10.577-10.597 GHz	1 W eirp	
5	Apparatus designed solely for indoor use	10.675-10.699 GHz	1 W eirp	
6	Apparatus designed for fixed or portable applications	24.150-24.250 GHz	2 W eirp	
7	Apparatus designed solely for use in a mobile application	24.250-24.350 GHz	2 W eirp	
8	Anti-collision devices	31.80-33.40 GHz	5 W eirp	
9	Any apparatus not within any category above	2.445-2.455 GHz	100 mW eirp	

Fixed Alarms

4. Wireless telegraphy apparatus designed or adapted—

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- (a) for the transmission of non-verbal signals to wireless telegraphy receiving apparatus installed in or upon a building in order to activate an alarm; and
- (b) so as to be capable of use only on one of the frequencies and at a power not exceeding the maximum for such frequencies, specified in the table below—

Frequencies	Maximum power erp
173.225 MHz	10 mW
458.825 MHz	100 mW

General Purpose Devices

5. Any wireless telegraphy apparatus, which is not described elsewhere in this Schedule and which is designed or adapted so as to be capable of use only—

- (a) within the frequency band 49.82-49.98 MHz; and
- (b) at a power not exceeding 10 mW erp.

Induction System Apparatus

6. That part of an induction system designed or adapted—

- (a) to produce—
 - (i) a controlled magnetic field; and
 - (ii) a predetermined recognisable signal when operating within that magnetic field; and
- (b) so as to be capable of use only on frequencies, and at an output power or field strength, as the case may be, not exceeding the maximum for such frequencies for each description of apparatus, specified in the table below—

Frequencies	Apparatus with terminals for connection to an external loop antenna: Maximum output power	Apparatus with ferrite or coil antennas: Maximum field strength
30—185 kHz	10 W	265 µA/m or 100 mV/m
240—315 kHz	10 W	17 µA/m or 6.4 mV/m

Lone Worker Safety Alarms

7. Wireless telegraphy apparatus designed or adapted—

- (a) for the transmission of non-verbal signals to wireless telegraphy receiving apparatus summoning assistance for workers at isolated locations or working in hazardous environments; and
- (b) so as to be capable of use only on either of the frequencies and at a power not exceeding the maximum for such frequencies, specified in the table below—

Frequencies	Maximum power erp
173.1875 MHz	10 mW
458.8375 MHz	100 mW

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Marine Alarms

- 8. Wireless telegraphy apparatus designed or adapted—
 - (a) for the transmission of non-verbal signals from a vessel to wireless telegraphy receiving apparatus installed either onshore or in or upon another vessel in order to activate an alarm; and
 - (b) so as to be capable of use only—
 - (i) at a power not exceeding 10 mW erp; and
 - (ii) on the 161.275 MHz frequency.

Mobile and Transportable Alarms

- 9. Wireless telegraphy apparatus designed or adapted—
 - (a) for the transmission of non-verbal signals to wireless telegraphy receiving apparatus giving warning that the animal, object or person to which it is attached or located in or upon requires attention or is being interfered with; and
 - (b) so as to be capable of use only on either of the frequencies and at a power not exceeding the maximum for such frequencies, specified in the table below—

Frequencies	Maximum power erp
173.1875 MHz	10 mW
458.8375 MHz	100 mW

Motor Vehicle Radio Keys

- 10. Wireless telegraphy apparatus designed or adapted—
 - (a) for the transmission of non-verbal signals to wireless telegraphy receiving apparatus installed or located in or upon a motor vehicle for the purpose of—
 - (i) locking and unlocking the motor vehicle; and/or
 - (ii) setting and unsetting—
 - (aa) a motor vehicle theft paging alarm described in paragraph 11 of this Schedule; and/or
 - (bb) a motor vehicle alarm which operates other than by wireless telegraphy; and
 - (b) so as to be capable of use only on one of the frequencies or within one of the frequency bands, and at a power not exceeding the maximum for such frequencies or frequency bands, specified in the table below—

Frequencies	Maximum power erp
26.995 MHz	1 mW
27.045 MHz	1 mW
27.095 MHz	1 mW
27.145 MHz	1 mW
27.195 MHz	1 mW
458.90 MHz	1 mW
173.2—173.35 MHz	1 mW

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Frequencies	Maximum power erp
417.9—418.1 MHz	250 μ W
433.72—434.12 MHz	10 mW

Motor Vehicle Theft Paging Alarms

11. Wireless telegraphy apparatus designed or adapted—

- (a) for installation or location in or upon a motor vehicle for the transmission of non-verbal signals to a radio paging receiver giving warning that the motor vehicle is being interfered with; and
- (b) so as to be capable of use only on either of the frequencies or within the frequency band, and at a power not exceeding the maximum for such frequencies or frequency band, specified in the table below—

Frequencies	Maximum power erp
47.40 MHz	100 mW
458.90 MHz	100 mW
49.82–49.98 MHz	10 mW

Narrow Band Radio Microphones

12. Any wireless telegraphy apparatus incorporating a microphone which is designed or adapted—

- (a) for transmission within a bandwidth not exceeding 25 kHz; and
- (b) so as to be capable of use only on one or more of the frequencies and at a power not exceeding the maximum for such frequencies, specified in the table below—

Frequencies	Maximum power erp
174.600 MHz	5 mW
174.675 MHz	5 mW
174.770 MHz	5 mW
174.885 MHz	5 mW
175.020 MHz	5 mW

Radio Hearing Aids

13. Any hearing aid operating by means of wireless telegraphy which is designed or adapted so as to be capable of use only on one or more of the frequencies and at a power not exceeding the maximum for such frequencies, specified in the table below—

Frequencies	Maximum power erp
173.350 MHz	2 mW
173.400 MHz	2 mW
173.465 MHz	2 mW

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Frequencies	Maximum power erp
173.545 MHz	2 mW
173.640 MHz	2 mW
173.695 MHz	2 mW
173.775 MHz	2 mW
173.825 MHz	2 mW
173.950 MHz	2 mW
174.070 MHz	2 mW
174.120 MHz	2 mW
174.185 MHz	2 mW
174.270 MHz	2 mW
174.360 MHz	2 mW
174.415 MHz	2 mW

Short Range Data Links

14. Wireless telegraphy apparatus designed or adapted—
- (a) for the provision of short range wire-free data links within one building; and
 - (b) so as to be capable of use only within either of the frequency bands and at a power not exceeding the maximum for such frequency bands, specified in the table below—

Frequencies	Maximum power eirp
2.445—2.455 GHz	100 mW
10.675—10.699 GHz	1 W

Telemetry and Telecommand Apparatus

15. Wireless telegraphy apparatus designed or adapted—
- (a) either for—
 - (i) automatically indicating or recording measurements at a distance from the measuring instrument; or
 - (ii) the transmission of signals to initiate, modify or terminate functions of equipment situated at a distance from such apparatus; and
 - (b) so as to be capable of use only on one of the frequencies or within one of the frequency bands, and at a power not exceeding the maximum for such frequencies or frequency bands, specified in the table below—

Frequencies	Maximum power erp
26.995 MHz	1 mW
27.045 MHz	1 mW
27.095 MHz	1 mW
27.145 MHz	1 mW

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Frequencies	Maximum power erp
27.195 MHz	1 mW
173.200—173.350 MHz	1 mW
417.90—418.10 MHz	250 μ W
458.5—458.8 MHz	500 mW

Wide Band Radio Microphones

16. Any wireless telegraphy apparatus incorporating a microphone which is designed or adapted—

- (a) for transmission within a bandwidth of not less than 25 kHz; and
- (b) so as to be capable of use only on one or more of the frequencies and at a power not exceeding the maximum for such frequencies, specified in the table below—

Frequencies	Maximum power erp
173.800 MHz	2 mW
174.100 MHz	2 mW
174.500 MHz	2 mW
174.800 MHz	2 mW
175.000 MHz	2 mW