



Radiocommunications (Cordless Communications Devices) Class Licence 2014

made under subsection 132(1) of the

Radiocommunications Act 1992

Dated *15 December 2014*

Chris Chapman
[signed]
Member

Richard Bean
[signed]
Member/~~General Manager~~

Australian Communications and Media Authority

1 Name of class licence

This Class Licence is the *Radiocommunications (Cordless Communications Devices) Class Licence 2014*.

2 Commencement

This Class Licence commences on the later of:

- (a) the day after it is registered; and
- (b) the day on which it is published in the Gazette;

Note 1 All legislative instruments and compilations are registered on the Federal Register of Legislative Instruments kept under the *Legislative Instruments Act 2003*. See <http://www.comlaw.gov.au>.

Note 2 Both of these events must occur before this Class Licence commences.

3 Revocation

The *Radiocommunications (Cordless Communications Devices) Class Licence 2001* [F2005B00296] is revoked.

4 Definitions

In this Class Licence:

cordless communications device means any of the following:

- (a) a land station or handset that uses:
 - (i) a frequency greater than 1.7175 MHz and not greater than 1.7925 MHz; or
 - (ii) a frequency greater than 30.0625 MHz and not greater than 30.3125 MHz; or
 - (iii) a frequency greater than 39.7625 MHz and not greater than 40.250 MHz; or
 - (iv) a frequency greater than 857 MHz and not greater than 861 MHz; or
 - (v) a frequency greater than 861 MHz and not greater than 865 MHz; or
 - (vi) Personal Handy Phone System (PHS) technology on a frequency greater than 1895 MHz and not greater than 1899.8 MHz;
- (b) a radiocommunications device that uses Digitally Enhanced Cordless Telecommunications (DECT) technology on a frequency greater than 1880 MHz and not greater than 1900 MHz.

Note Land stations for subparagraph (a) (iv) are individually licensed under the Land Mobile PABX cordless telephone service licensing option — see the *Radiocommunications Licence Conditions (Land Mobile Licence) Determination (No. 1) of 1997*.

device compliance day, for a cordless communications device, means the most recent of the following days:

- (a) if the device was manufactured in Australia — the day the device was manufactured;
- (b) if the device was manufactured overseas and imported — the day it was imported;
- (c) if the device was altered or modified in a material respect — the day it was altered or modified.

handset means a handset for a cordless telephone service.

land station means a land station for a cordless telephone service.

technical specification means a document mentioned in Schedule 2 of this Class Licence.

wireless local loop arrangement means a commercial arrangement between a carrier or carriage service provider and a person for the service provider to provide a connection between a telecommunications network and a device owned or used by the person.

Note For the definitions of other expressions used in this Class Licence, see the *Radiocommunications Act 1992*, the *Radiocommunications Regulations 1993* and the *Radiocommunications (Interpretation) Determination 2000*. Such expressions include the following:

- *cordless telephone service*
- *land station*
- *radiocommunications device*
- *standard*

5 Class licence — cordless communications devices

- (1) This Class Licence authorises any person to operate a cordless communications device.
- (2) The operation of the cordless communications device is subject to the conditions imposed by this Class Licence that are applicable to the device.
- (3) The class of radiocommunications devices authorised by this Class Licence does not include devices authorised by an apparatus licence to operate for a purpose that is substantially the same as the purpose that, except for this subsection, would be authorised by this Class Licence.

6 Conditions — general

- (1) For subsection 5 (2), it is a condition of the operation of a cordless communications device that the device:
 - (a) must be used only for private purposes; and
 - (b) must not be used for the provision of commercial cordless telecommunications services to the public; and
 - (c) must not be used for the provision of a connection under a wireless local loop arrangement.

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- (2) If the device is a land station, the device must also comply with the Equivalent Isotropically Radiated Power limits mentioned for a land station in Schedule 1.

7 Conditions — technical requirements for 1.9 GHz band operation

- (1) For subsection 5(2), this section applies to a land station or handset:
- (a) that operates at a frequency greater than 1880 MHz and not greater than 1900 MHz; and
 - (b) for which the device compliance day is before 1 September 2007.
- (2) The land station or handset must comply with the technical specification mentioned in an item in Schedule 2 that:
- (a) was in effect immediately before the device compliance day for the land station or handset; and
 - (b) applies to the land station or handset.
- (3) If the land station or handset is described in subsection 9(1), it must also comply with section 9.

8 Conditions — technical requirements for 861-865 MHz operation

- (1) For subsection 5(2), this section applies to a cordless communications device that operates at a frequency greater than 861 MHz and not greater than 865 MHz.
- (2) The cordless communications device must comply with the technical specification mentioned in an item in Schedule 2 that:
- (a) was in effect immediately before the device compliance day for the device; and
 - (b) applies to the device.

9 Conditions — PHS cordless communications devices

- (1) For subsection 5(2), this section applies to a cordless communications device:
- (a) that employs the technology used in Personal Handy Phone Systems cordless telecommunications equipment; and
 - (b) for which the device compliance day is:
 - (i) on or after 1 July 2001; and
 - (ii) before 1 September 2007.
- (2) The cordless communications device must be operated at 1896.650 MHz or 1898.450 MHz for control purposes.

9A Conditions — cordless telephone service

- (1) For subsection 5(2), this section applies to a land station or handset used in a cordless telephone service that operates in any of the following frequency bands:
- (a) greater than 1.7175 MHz and not greater than 1.7925 MHz;
 - (b) greater than 30.0625 MHz and not greater than 30.3125 MHz;
 - (c) greater than 39.7625 MHz and not greater than 40.250 MHz.

- (2) A land station or handset used in a cordless telephone service that has a device compliance day on or after 5 March 1997 and before 1 July 2001 must comply with the *Radiocommunications Standard (Cordless Telephone) No. 1 of 1997* as in force on that day.

Note Subsection 10 (2) applies standards to devices with a device compliance day on or after 1 July 2001.

- (3) A land station or handset used in a cordless telephone service that has a device compliance day on or after 17 September 1991 and before 5 March 1997 must comply with the Radiocommunications Standard 302 (Cordless Telephones) (Revised 1991) (Statutory Rules 1991 No. 293) as in force on 17 September 1991.

Note The Radiocommunications Standard 302 (Cordless Telephones) (Revised 1991) (Statutory Rules 1991 No. 293) was revoked by the *Radiocommunications Standards Revocation 1999*.

- (4) A land station or handset used in a cordless telephone service that has a device compliance day before 17 September 1991 must comply with the Ministerial Standard 302 as in force on 1 December 1987.

Note The Ministerial Standard 302 (Statutory Rules 1987 No. 237), as in force on 1 December 1987, was revoked by the Radiocommunications Standard 302 (Cordless Telephones) (Revised 1991) (Statutory Rules 1991 No. 293).

10 Conditions — compliance with standards

- (1) A handset or land station must comply with the *Radiocommunications (Electromagnetic Radiation — Human Exposure) Standard 1999*, as in force on the device compliance day for the device, if:
- (a) the device compliance day for the handset is on or after 15 December 1999 and before 1 July 2001; or
 - (b) the device compliance day for the land station is on or after 1 February 1999 and before 1 July 2001.

- (2) If the device compliance day for a cordless communications device is on or after 1 July 2001, the device must comply with any standard applicable to the device on its compliance day, as in force on that day.

Note 1 If a standard mentioned in subsection 10 (1) or (2) is amended or replaced by another standard after the device compliance day for the device, the device need not comply with the new or amended standard.

Note 2 Section 5 of the *Radiocommunications Act 1992* provides that **standard** means a standard made under section 162 of that Act.

Note 3 A cordless communications device operating in the bands mentioned in this Class Licence will not be afforded protection from interference from radiocommunications services operating within the same band in accordance with their licences.

The shared spectrum arrangements and uncoordinated nature of cordless device usage in the band may lead to interaction between different cordless devices and between cordless services and mobile services operating in adjacent bands, which could reduce system performance. The probability of such interaction is low because of the dynamic channel allocation techniques inherent in cordless device technology.

Note 4 The *Radiocommunications (Electromagnetic Radiation – Human Exposure) Standard 1999*, as in force immediately before 1 January 2002 was revoked by the *Radiocommunications (Electromagnetic Radiation – Human Exposure) Standard 2001*.

Equivalent Isotropically Radiated Power (EIRP) limits

Schedule 1 Equivalent Isotropically Radiated Power (EIRP) limits

(subsection 6 (2))

Land station	Maximum EIRP
Land station using Digital Enhanced Cordless Telecommunications (average per occupied time slot)	22 dBm
Land station using Digital Enhanced Cordless Telecommunications (peak)	36 dBm
Land station using the Personal Handy Phone System (average per occupied time slot)	12.5 dBm
Land station using the Personal Handy Phone System (peak)	21.5 dBm

Note **Average per occupied time slot** means the average power permitted for each time slot occupied in a channel.

Schedule 2 Technical specifications

(sections 7 and 8)

Item	Description of specification	Date of effect
1	Radio Equipment and Systems Cordless Telecommunications — CT2 CAI — number TS 019 — 1993	14 July 1993
2	Radio Equipment and Systems Cordless Telecommunications — DECT — number TS 028-1995	4 October 1995
3	Radio Equipment and Systems Cordless Telecommunications — CT2 CAI — number TS 019 — 1997	25 June 1997
4	Radio Equipment and Systems Cordless Telecommunications — DECT — number TS 028-1997	25 June 1997
5	Radio Equipment and Systems Cordless Telecommunications — Personal Handy Phone System (PHS) — number ACA TS 034-1997	8 December 1997
6	Telecommunications Technical Standard (Customer Equipment for use with CT2 CA1 Cordless Telecommunications Systems — ACA TS 019 — 1997)	10 December 1997
7	Radio Equipment and Systems Cordless Telecommunications — Digital Enhanced Cordless Telecommunications (DECT) — number ACA TS 028-1997	17 December 1997