

Cordless telephones

[Radiocommunications Regulations \(General User Radio Licence for Cordless Telephones\) Notice 2003 \[12 kB PDF\]](#)

Pursuant to Regulation 9 of the [Radiocommunications Regulations 2001](#) ("the Regulations") made under section 116 (1) (b) of the [Radiocommunications Act 1989](#) ("the Act"), and acting under delegated authority from the Chief Executive, I give the following notice.

Notice

1. Short title and commencement

1. This notice is the Radiocommunications Regulations (General User Radio Licence for Cordless Telephones) Notice 2003.
2. This notice comes into force on 30 May 2003.

2. General user radio licence

A general user radio licence is granted for the transmission of radio waves for the purpose of cordless telephones, including those known as "CT1", "CT2", "DECT", and "PHS", in accordance with the terms, conditions and restrictions of this notice.

3. Terms, conditions and restrictions

1. The frequency bands for cordless phones known as CT1 are 1.7 - 1.8 MHz, 30 - 41 MHz and 72.8 - 73 MHz, with specific operating frequencies as prescribed in the First Schedule to this notice.
2. The frequency band for cordless phones known as CT2 is 864.1 - 868.1 MHz, with specific operating frequencies as prescribed in the Second Schedule to this notice.
3. The frequency band for cordless phones known as Digital Enhanced Cordless Telecommunications (DECT) is 1880 - 1900 MHz, and the frequency band for cordless phones known as Personal Handyphone System (PHS) is 1895 - 1920 MHz.
4. Units operating in the DECT and PHS frequency bands must not exceed a peak radiated power of -6dBW (250 milliwatts) e.i.r.p., or an equivalent field strength of 109 dB μ V/m measured at a 10 metre distance.
5. Transmitters must conform to technical standards as prescribed in notices made under Regulation 32 (1) (b) of the Regulations.
6. Frequency use is on a shared basis and the chief executive does not accept liability under any circumstances for any loss or damage of any kind occasioned by the unavailability of frequencies, or interference to reception.
7. Should interference occur to services licensed pursuant to a radio licence or a spectrum licence, the chief executive reserves the right to require and ensure that any transmission pursuant to this general user radio licence changes frequency, reduces power or ceases operation.

4. Consequential revocation of licences

1. The Radiocommunications Regulations (General User Radio Licence for Cordless Telephones) Notice 2001 dated 25 October 2001 is revoked.
2. Notwithstanding the revocation of a notice under subsection (1), every transmitter compliant with the requirements of that notice on the commencement date of this notice is deemed to be compliant with the requirements of this notice.

First Schedule

CT1 Cordless Telephones

Channel	Base Unit Frequency (MHz)	Portable Unit Frequency (MHz)
1	30.075	39.775
2	30.100	39.800
3	30.125	39.825
4	30.150	39.850
5	30.175	39.875
6	30.200	39.900
7	30.225	39.925
8	30.250	39.950
9	30.275	39.975

10	30.300	40.000
11	30.325 or 1.725	40.025
12	30.350	40.050
13	30.375 or 1.740	40.075
14	30.400	40.100
15	30.425 or 1.755	40.125
16	30.450	40.150
17	30.475 or 1.770	40.175
18	30.500	40.200
19	30.525 or 1.785	40.225
20	30.550	40.250
21	30.575	40.275
22	30.600	40.300 or 72.800
23	30.625	40.325 or 72.825
24	30.650	40.350 or 72.850
25	30.675	40.375 or 72.875
26	30.700	40.400 or 72.900
27	30.725	40.425 or 72.925
28	30.750	40.450 or 72.950
29	30.775	40.475 or 72.975

Units operating at 1.7/40 MHz and 30/40 MHz

Peak radiated power: -8 dBW (160 milliwatts) e.i.r.p.

Equivalent field strength: 107 dBµV/m measured at 10 meters distance.

Base Units operating at 30/72 MHz

Peak radiated power: 0 dBW (1watt) e.i.r.p.

Equivalent field strength: 115 dBµV/m measured at 10 metres distance

Portable Units operating at 30/72 MHz

Peak radiated power: -3 dBW (0.5 watt) e.i.r.p.

Equivalent field strength: 112 dBµV/m measured at 10 metres distance

Second Schedule

CT2 Cordless Telephones

Frequency (MHz)			
864.15	865.15	866.15	867.15
864.25	865.25	866.25	867.25
864.35	865.35	866.35	867.35
864.45	865.45	866.45	867.45
864.55	865.55	866.55	867.55
864.65	865.65	866.65	867.65
864.75	865.75	866.75	867.75
864.85	865.85	866.85	867.85
864.95	865.95	866.95	867.95
865.05	866.05	867.05	868.05

Dated at Wellington this 26th day of May 2003.

SANJAI RAJ, Manager, Business Services, Radio Spectrum Management, Ministry of Economic Development.

Explanatory Note

(This note is not part of the notice, but is intended to indicate its general effect).

This notice prescribes that, pursuant to regulation-making powers of the Radiocommunications Act 1989, a general user radio licence is granted for the transmission of radio waves for the purpose of cordless telephones, including those known as "CT1", "CT2", "DECT", and "PHS", in accordance with the terms, conditions and restrictions of this notice. This notice comes into force on 30 May 2003.

Cordless telephones may also operate in other bands pursuant to a General User Radio Licence for Short Range Devices.