

TELECOMMUNICATIONS ACT
(CHAPTER 323)

TELECOMMUNICATIONS (EXEMPTION FROM SECTIONS 33,
34(1)(B) AND 35) NOTIFICATION

ARRANGEMENT OF PARAGRAPHS

Paragraph

1. Citation
 2. Exemption
- The Schedule
-

[2nd March 2001]

Citation

1. This Notification may be cited as the Telecommunications (Exemption from sections 33, 34(1)(b) and 35) Notification.

Exemption

2. Sections 33, 34(1)(b) and 35 of the Act shall not apply to any person in respect of —

- (a) the possession, establishment, installation, maintenance, provision or operation of any network or station as defined in the Telecommunications (Radio-communication) Regulations (Rg 5) where the person has been permitted by the Authority to use any radio frequency band in respect of the network or station under regulation 75 of those Regulations; and
- (b) the localised on-site installation or operation of the equipment specified in the Schedule.

THE SCHEDULE

Paragraph 2(b)

**EXEMPTION IN RESPECT OF
LOCALISED ON-SITE OPERATION OF EQUIPMENT***

<i>Equipment</i>	<i>Authorised Radio Frequency Bands</i>	<i>Maximum Approved Field Strength or Power</i>
1. CB Walkie Talkie Transceivers	26.96 – 27.28 MHz	500 mW ERP
2. Multi-channel Walkie Talkie Transceivers	446.00 – 446.10 MHz	500 mW ERP
	446.3250 – 446.4750 MHz	500 mW ERP
	477.00 – 477.25 MHz	500 mW ERP
3. Wireless Microphones	0.51 – 1.60 MHz	57 dB μ V/m @ 3m
	40.66 – 40.70 MHz	65 dB μ V/m @ 10m
	88.00 – 108.00 MHz	60 dB μ V/m @ 10m
	180.000 – 200.000 MHz	112 dB μ V/m @ 10m
	470.00 – 806.00 MHz	10 mW ERP
4. CB Band Radio Paging Systems	26.96 – 27.28 MHz	500 mW ERP
	40.66 – 40.70 MHz	500 mW ERP
5. Induction Loop Communication Systems	0.016 – 0.150 MHz	66 dB μ A/m @ 10m
	0.150 – 5.000 MHz	13.5 dB μ A/m @ 10m
	6.765 – 6.795 MHz	42 dB μ A/m @ 10m
	7.400 – 8.800 MHz	9 dB μ A/m @ 10m
6. VHF Radio Paging System	151.125 MHz	1,000 mW ERP
	151.150 MHz	1,000 mW ERP
7. Radio Detection and Alarm Systems —	0.016 – 0.150 MHz	100 dB μ V/m @ 3m
	13.553 – 13.567 MHz	94 dB μ V/m @ 10m

*Other low power equipment that operate in radio frequency bands other than those listed, but which meet the output power limits specified for the same type of equipment are exempted from licensing as long as both the output power limits and the radio frequency bands are approved by the Authority

THE SCHEDULE — *continued*

(a) Car Theft Alarm Systems	26.96 – 27.28 MHz	500 mW ERP	
	146.35 – 146.50 MHz	100 mW ERP	
	(b) Burglar Alarm Systems	240.15– 240.30 MHz	100mW ERP
		300.00– 300.30 MHz	100mW ERP
	(c) Field Disturbance Sensing Devices	312.00 – 316.00 MHz	100mW ERP
		(d) Other Miscellaneous Radio Detection and Alarm Systems	444.40 – 444.80 MHz
	868.10 – 869.00 MHz	65dB μ V/m @ 10m	
10.50 – 10.55 GHz	117 dB μ V/m @ 10m		
8. Medical and Biological Telemetry Devices	9.000 – 315.000 kHz	30 dB μ A/m @ 10m	
	40.500 – 41.000 MHz	0.01 mW ERP	
	216.00 – 217.00 MHz	100 mW ERP	
	454.000 – 454.500 MHz	2 mW ERP	
	1,427.00 – 1,432.00 MHz	100 mW ERP	
	25 μ W ERP		
9. Wireless Modem	All other frequencies		
	72.080 MHz	1,000 mW ERP	
	72.200 MHz	1,000 mW ERP	
	72.400 MHz	1,000 mW ERP	
	72.600 MHz	1,000 mW ERP	
	158.275/162.875 MHz	1,000 mW ERP	
	158.325/162.925 MHz	1,000 mW ERP	
	453.7250/458.7250 MHz	1,000 mW ERP	
	453.7375/458.7375 MHz	1,000 mW ERP	
	453.7500/458.7500 MHz	1,000 mW ERP	

THE SCHEDULE — *continued*

	453.7625/458.7625 MHz	
10. Radio Telemetry Equipment	26.96 – 27.28 MHz 29.700 – 30.000 MHz	500 mW ERP 500 mW ERP
11. Remote Control Devices —	26.96 – 27.28 MHz	100 mW ERP
(a) Garage Door Openers	34.995 – 35.225 MHz	100 mW ERP
(b) Cameras	40.665 – 40.695 MHz	500 mW ERP
(c) Toys and Robots	40.770 – 40.830 MHz	500 mW ERP
(d) Battery-operated Cars and Boats	72.130– 72.210 MHz	500 mW ERP
(e) TV Receivers/ Radio Systems		
(f) Other Miscellaneous Remote Control Devices		
12. Cordless Telephones or Wireless PABX	1.605 – 1.800 MHz 40.00 – 40.50 MHz 46.50 - 47.00 MHz 49.50 - 50.00 MHz 1,880.00 - 1,900 MHz	94 dBµV/m@ 3m 57 dBµV/m@ 3m 90 dBµV/m @ 3m 90 dBµV/m @ 3m 250 mW EIRP
13. Wireless LAN, RFID or Low Power Devices	433.05–434.79 MHz 819.00–823.00 MHz 866.00–869.00 MHz 920.00–925.00 MHz 1,880.00–1,900.00 MHz 2,400.00–2,483.50 MHz 5,150.00–5,350.00 MHz 5,470.00–5,725.00 MHz	10 mW ERP 100 mW ERP 500 mW ERP 500 mW ERP 250 mW EIRP 200 mW EIRP 200 mW EIRP 200 W EIRP 1 W EIRP 500 mW EIRP 500 mW EIRP

THE SCHEDULE — *continued*

	5,725.00–5,875.00 MHz 18,820–18,870 MHz 19,160–19,210 MHz 24,000–24,250 MHz 57,000–66,000 MHz	100 mW EIRP 10 W EIRP
14. Stand-alone GPS Receivers	1,575.420 MHz	
15. Communication Receivers (excluding scanning devices) and Microwave Multipoint Distribution Systems (MMDS) Receivers	2,505.250 MHz 2,521.250 MHz 2,537.250 MHz 2,553.250 MHz 2,569.250 MHz 2,601.250 MHz 2,617.250 MHz 2,633.250 MHz 2,649.250 MHz 2,665.250 MHz	
16. Short Range Radar System	76.00 – 77.00 GHz	5W EIRP for vehicle in motion 250 mW EIRP for stationary vehicle
17. Hearing Aids and Audio Assistance Aids	169.40 – 175.00 MHz	500 mW ERP
18. Ultra-Wideband Devices	Below 1.60 GHz 1.60 – 2.70 GHz 2.70 – 3.40 GHz 3.40 – 4.20 GHz	-90 dBm/MHz -85 dBm/MHz -70 dBm/MHz -41.3 dBm/MHz with interference mitigation techniques, otherwise -70 dBm/MHz

THE SCHEDULE — *continued*

	4.20 – 4.80 GHz	-41.3 dBm/MHz
	4.80 – 6.00 GHz	-70 dBm/MHz
	6.00 – 9.00 GHz	-41.3 dBm/MHz
	9.00 – 10.60 GHz	-65 dBm/MHz
	10.60 – 21.65 GHz	-85 dBm/MHz
	21.65 – 29.50 GHz	-41.3 dBm/MHz
	29.50 – 77.00 GHz	-85 dBm/MHz
	77.00 – 81.00 GHz	-3 dBm/MHz
	Above 81.00 GHz	-85 dBm/MHz

[S 591/2003 wef 15/12/2003]

[S 651/2004 wef 28/10/2004]

[S 265/2006 wef 18/05/2006]

[S 1/2008 wef 02/01/2008]

[S 179/2011 wef 01/04/2011]

[S 252/2013 wef 25/04/2013]

[S 415/2014 wef 23/06/2014]

[G.N. Nos. S 115/2001; S 525/2001]

LEGISLATIVE HISTORY
TELECOMMUNICATIONS (EXEMPTION FROM SECTIONS 33,
34(1)(b) AND 35) NOTIFICATION
(CHAPTER 323, N 1)

This Legislative History is provided for the convenience of users of the Telecommunications (Exemption from Sections 33, 34(1)(b) and 35) Notification. It is not part of the Notification.

1. G. N. No. S 115/2001 — Telecommunications (Exemption from sections 33, 34(1)(b) and 35) Notification 2001

Date of commencement : 2 March 2001

2. G. N. No. S 525/2001 — Telecommunications (Exemption from sections 33, 34(1)(b) and 35) (Amendment) Notification 2001

Date of commencement : 17 October 2001

3. 2002 Revised Edition — Telecommunications (Exemption from sections 33, 34(1)(b) and 35) Notification

Date of operation : 30 September 2002

4. G. N. No. S 591/2003 — Telecommunications (Exemption from sections 33, 34(1)(b) and 35) (Amendment) Notification 2003

Date of commencement : 15 December 2003

5. G. N. No. S 651/2004 — Telecommunications (Exemption from sections 33, 34(1)(b) and 35) (Amendment) Notification 2004

Date of commencement : 28 October 2004

6. G. N. No. S 265/2006 — Telecommunications (Exemption from sections 33, 34(1)(b) and 35) (Amendment) Notification 2006

Date of commencement : 18 May 2006

7. G. N. No. S 1/2008 — Telecommunications (Exemption from sections 33, 34(1)(b) and 35) (Amendment) Notification 2008

Date of commencement : 2 January 2008

8. G. N. No. S 179/2011 — Telecommunications (Exemption from Sections 33, 34(1)(b) and 35) (Amendment) Notification 2011

Date of commencement : 1 April 2011

9. G.N. No. S 252/2013 — Telecommunications (Exemption from sections 33, 34(1)(b) and 35) (Amendment) Notification 2013

Date of commencement : 25 April 2013

10. G.N. No. S 415/2014 — Telecommunications (Exemption from sections 33, 34(1)(b) and 35) (Amendment) Notification 2014

Date of commencement : 23 June 2014