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**No. S 525**

TELECOMMUNICATIONS ACT  
(CHAPTER 323)

TELECOMMUNICATIONS  
(EXEMPTION FROM SECTIONS 33, 34(1)(b) AND 35)  
(AMENDMENT) NOTIFICATION 2001

ARRANGEMENT OF PARAGRAPHS

Paragraph

1. Citation and commencement
  2. Amendment of paragraph 2
  3. Deletion and substitution of Schedule
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In exercise of the powers conferred by section 73 of the Telecommunications Act, the Minister for Communications and Information Technology hereby makes the following Notification:

**Citation and commencement**

1. This Notification may be cited as the Telecommunications (Exemption from sections 33, 34(1)(b) and 35) (Amendment) Notification 2001 and shall come into operation on 17th October 2001.

**Amendment of paragraph 2**

2. Paragraph 2(b) of the Telecommunications (Exemption from sections 33, 34(1)(b) and 35) Notification 2001 (G.N. No. S 115/2001) is amended by deleting the words “in-building or”.

**Deletion and substitution of Schedule**

3. The Schedule to the Telecommunications (Exemption from sections 33, 34(1)(b) and 35) Notification 2001 is deleted and the following Schedule substituted therefor:

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“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	477.000 – 477.250 MHz	500 mW ERP
3. Wireless Microphones	0.51 – 1.60 MHz 40.66 – 40.70 MHz 88.00 – 108.00 MHz 180.000 – 200.000 MHz 487.000 – 507.000 MHz	57 dB $\mu$ V/m @ 3m 65 dB $\mu$ V/m @ 10m 60 dB $\mu$ V/m @ 10m 112 dB $\mu$ V/m @ 10m 112 dB $\mu$ V/m @ 10m
4. CB Band Radio Paging Systems	26.96 – 27.28 MHz 40.66 – 40.70 MHz	500 mW ERP 500 mW ERP
5. Induction Loop Communication Systems	0.016 – 0.150 MHz	100 dB $\mu$ V/m @ 3m
6. VHF Radio Paging System	151.125 MHz 151.150 MHz	1,000 mW ERP 1,000 mW ERP
7. Radio Detection and Alarm Systems —	0.016 – 0.150 MHz	100 dB $\mu$ V/m @ 3m 94 dB $\mu$ V/m @ 10m
(a) Car Theft Alarm Systems	13.553 – 13.567 MHz 26.96 – 27.28 MHz	500 mW ERP 100 mW ERP 100 mW ERP
(b) Burglar Alarm Systems	146.350 – 146.500 MHz	100 mW ERP 100 mW ERP
(c) Field Disturbance Sensing Devices	240.150 – 240.300 MHz	65 dB $\mu$ V/m @ 10m 117dB $\mu$ V/m @ 10m

<i>Equipment</i>	<i>Authorised Radio Frequency Bands</i>	<i>Maximum Approved Field Strength or Power</i>
(d) Other Miscellaneous Radio Detection and Alarm Systems	300.000 – 300.300 MHz 314.700 – 315.000 MHz 444.400 – 444.800 MHz 868.10 – 869.00 MHz 10.50 – 10.55 GHz	
8. Medical and Biological Telemetry Devices	40.500 – 41.000 MHz 454.000 – 454.500 MHz	0.01 mW ERP 2 mW ERP
9. Wireless Modem	72.080 MHz 72.200 MHz 72.400 MHz 72.600 MHz 158.275/162.875 MHz 158.325/162.925 MHz 453.7250/458.725 0 MHz 453.7375/458.737 5 MHz 453.7500/458.750 0 MHz 453.7625/458.762 5 MHz	1,000 mW ERP 1,000 mW ERP 1,000 mW ERP 1,000 mW ERP 1,000 mW ERP 1,000 mW ERP 1,000 mW ERP 1,000 mW ERP 1,000 mW ERP
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 40.66 – 40.70 MHz	500 mW ERP 500 mW ERP

<i>Equipment</i>	<i>Authorised Radio Frequency Bands</i>	<i>Maximum Approved Field Strength or Power</i>
<p>(a) Garage Door Openers</p> <p>(b) Cameras</p> <p>(c) Toys, Robots</p> <p>(d) Battery-operated Cars and Boats</p> <p>(e) TV Receivers/Radio Systems</p> <p>(f) Other Miscellaneous Remote Control Devices</p>		
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 dB $\mu$ V/m @ 3m 57 dB $\mu$ V/m @ 3m 90 dB $\mu$ V/m @ 3m 90 dB $\mu$ V/m @ 3m 250 mW EIRP
13. Wireless LAN or Low Power Devices	433.79 – 434.79 MHz 866.10 – 869.00 MHz 819.00 – 823.00 MHz 924.00 – 925.00 MHz 1,880.00 – 1,900.00 MHz 2,400.00 – 2,483.50 MHz 5,150.00 – 5,250.00 MHz	10 mW ERP 10 mW ERP 100 mW ERP 10 mW ERP 250 mW EIRP 100 mW EIRP 100 mW EIRP 100 mW EIRP 500 mW EIRP 500 mW EIRP 100 mW EIRP

<i>Equipment</i>	<i>Authorised Radio Frequency Bands</i>	<i>Maximum Approved Field Strength or Power</i>
	5,725.00 – 5,875.00 MHz 18,820 – 18,870 MHz 19,160 – 19,210 MHz 24,000 – 24,250 MHz	
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

\* 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.

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Made this 15th day of October 2001.

CHAN HENG LOON ALAN  
*Permanent Secretary,  
Ministry of Communications and  
Information Technology,  
Singapore.*

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