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## No. S 588

### TELECOMMUNICATIONS ACT 1999

#### TELECOMMUNICATIONS (EXEMPTION FROM SECTIONS 33, 34(1)(b) AND 35) (AMENDMENT) NOTIFICATION 2023

In exercise of the powers conferred by section 96 of the Telecommunications Act 1999, the Minister for Communications and Information makes the following Notification:

#### **Citation and commencement**

1.—(1) This Notification is the Telecommunications (Exemption from sections 33, 34(1)(b) and 35) (Amendment) Notification 2023 and, except for paragraphs 2 and 3(a), comes into operation on 1 September 2023.

(2) Paragraphs 2 and 3(a) are deemed to have come into operation on 31 December 2021.

#### **Amendment of paragraph 1**

2. In the Telecommunications (Exemption from sections 33, 34(1)(b) and 35) Notification (N 1) (called in this Notification the principal Notification), in paragraph 1, replace “sections 33, 34(1)(b) and 35” with “sections 53, 54(1)(b) and 55”.

#### **Amendment of paragraph 2**

3. In the principal Notification, in paragraph 2 —

- (a) replace “Sections 33, 34(1)(b) and 35” with “Sections 53, 54(1)(b) and 55”;
- (b) in sub-paragraph (b), delete “localised on-site”; and
- (c) in sub-paragraphs (c) and (d), replace “<http://www.ida.gov.sg>” with “<https://www.imda.gov.sg>”.

## Amendment of First Schedule

### 4. In the principal Notification, in the First Schedule —

(a) in the Schedule heading, delete “LOCALISED ON-SITE”;

(b) replace items 2 and 3 with —

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2. Multi-channel Walkie Talkie Transceivers	446.00 – 446.10 MHz	500 mW ERP
	446.3250 – 446.4750 MHz	500 mW ERP
3. Wireless Microphones	0.51 – 1.60 MHz	57 dB $\mu$ V/m @ 3m
	29.70 – 30.00 MHz	10 mW ERP
	40.66 – 40.70 MHz	65 dB $\mu$ V/m @ 10m
	88.00 – 108.00 MHz	60 dB $\mu$ V/m @ 10m
	180.00 – 200.00 MHz	50 mW ERP
	470.00 – 534.00 MHz	50 mW ERP
	487.00 – 507.00 MHz	112 dB $\mu$ V/m @ 10m
	534.00 – 614.00 MHz	10 mW ERP
614.00 – 698.00 MHz	50 mW ERP	

”;

(c) replace item 5 with —

“

5. Induction Loop Communication Systems	0.016 – 0.150 MHz	66 dB $\mu$ A/m @ 10m
	0.150 – 5.000 MHz	13.5 dB $\mu$ A/m @ 10m
	6.765 – 6.795 MHz	42 dB $\mu$ A/m @ 10m
	7.400 – 8.800 MHz	9 dB $\mu$ A/m @ 10m
	10.200 – 11.000 MHz	9 dBu/m @ 10m

”; and

(d) replace items 8 to 15 with —

“

8. Medical and Biological Telemetry Devices	9.000 – 315.000 kHz	30 dB $\mu$ A/m @ 10m
	40.500 – 41.000 MHz	0.01 mW ERP
	216.00 – 217.00 MHz	100 mW ERP
	All other frequencies	25 $\mu$ W ERP

9. Wireless Modem	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	
10. Radio Telemetry Equipment	26.96 – 27.28 MHz	500 mW ERP	
11. Remote Control Devices —	26.960 – 27.280 MHz	100 mW ERP	
	34.995 – 35.225 MHz	100 mW ERP	
	(a) Garage Door Openers	40.660 – 40.700 MHz	500 mW ERP
	(b) Cameras	72.130 – 72.210 MHz	500 mW ERP
	(c) Toys and Robots		
	(d) Battery-operated Cars and Boats		
	(e) TV Receivers/ Radio Systems		
(f) Other Miscellaneous Remote Control Devices			
12. Cordless Telephones or Wireless PABX	1,880.00 – 1,900.00 MHz	250 mW EIRP	

13. Wireless LAN, RFID or Low Power Devices	13.553 – 13.567 MHz	10 mW ERP
	433.05 – 434.79 MHz	10 mW ERP
	866.00 – 869.00 MHz	500 mW ERP
	917.00 – 925.00 MHz	500 mW ERP
	1,880.00 – 1,900.00 MHz	250 mW EIRP
	2,400.00 – 2,483.50 MHz	200 mW EIRP
	5,150.00 – 5,350.00 MHz	200 mW EIRP
	5,470.00 – 5,725.00 MHz	1 W EIRP
	5,725.00 – 5,875.00 MHz	1 W EIRP
	5,945.00 – 6,425.00 MHz	250 mW EIRP
	24,000 – 24,250 MHz	100 mW EIRP
	57,000 – 66,000 MHz	10 W EIRP
	122.00 – 123.00 GHz	100 mW EIRP
244.00 – 246.00 GHz	100 mW EIRP	
14. Global Navigation Satellite Systems Receivers	1,164 – 1,300 MHz	
	1,559 – 1,610 MHz	
15. Short Range Radar System	76.00 – 77.00 GHz	55 dBm peak EIRP  23.5 dBm average EIRP for pulse radar  50 dBm average EIRP for other radar types

### Amendment of Second Schedule

5. In the principal Notification, in the Second Schedule, replace items 1 to 3 with —

1. Fixed White Space Devices	174 – 188 MHz	4,000 mW EIRP for all authorised frequency bands
	195 – 202 MHz	
	209 – 230 MHz	
	470 – 534 MHz	
	614 – 694 MHz	

2. Portable Mode I White Space Devices	174 – 188 MHz 195 – 202 MHz 209 – 230 MHz 470 – 534 MHz 614 – 694 MHz	100 mW EIRP for all authorised frequency bands
3. Portable Mode II White Space Devices	174 – 188 MHz 195 – 202 MHz 209 – 230 MHz 470 – 534 MHz 614 – 694 MHz	100 mW EIRP for all authorised frequency bands

[G.N. Nos. S 591/2003; S 651/2004; S 265/2006; S 1/2008;  
S 179/2011; S 252/2013; S 415/2014; S 726/2014;  
S 78/2017]

Made on 22 August 2023.

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and Information,  
Singapore.*

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