

### Comparison Table of Technical Specification for Short Range Device (SRD)

No	Authorized Frequency Bands/ Frequencies	Previous		Amendment	
		Maximum Field Strength / RF Output power	Typical Application Types	Maximum Field Strength / RF Output power	Typical Application Types
1	9 – 315 kHz	$\leq 30 \text{ dBmA/m @ 10m}$	Active medical implant devices	$\leq 30 \text{ dB}\mu\text{A/m @ 10m}$	Active medical implant devices
2	16 – 150 kHz	$\leq 66 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID	$\leq 66 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID
		$\leq 100 \text{ dB}\mu\text{V/m @ 3m}$	Radio detection, alarm system	$\leq 100 \text{ dB}\mu\text{V/m @ 3m}$	Radio detection, alarm system
3	150 – 5000 kHz	$\leq 13.5 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID	$\leq 13.5 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID
4	510 – 1600 kHz	$\leq 57 \text{ dB}\mu\text{V/m @ 3m}$	Wireless microphone	$\leq 57 \text{ dB}\mu\text{V/m @ 3m}$	Wireless microphone
5	6765 – 6795 kHz	$\leq 42 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID	$\leq 42 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID
6	7400 – 8800 kHz	$\leq 9 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID	$\leq 9 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID
7	10200 – 11000 kHz	$9 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID	$9 \text{ dB}\mu\text{A/m @ 10m}$	Induction loop system /RFID
8	13.553 – 13.567 MHz	$\leq 94 \text{ dB}\mu\text{V/m @ 10m}$	SRC devices / RFID / Radio detection, alarm system	$\leq 94 \text{ dB}\mu\text{V/m @ 10m}$	SRC devices / RFID / Radio detection, alarm system
		500 mW (EIRP)	ISM devices	500 mW (EIRP)	ISM devices

9	26.957 – 27.283 MHz	500 mW (EIRP)	ISM devices	500 mW (EIRP)	ISM devices
		≤ 100 mW (ERP)	SRC devices	100 mW (ERP)	Non-specific SRD
				100 mW (ERP)	Model control
10	34.995 – 35.225 MHz	≤ 100 mW (ERP)	SRC devices	≤ 100 mW (ERP)	SRC devices
11	40.66 – 40.7 MHz	≤ 65 dBμV/m @ 10m	Wireless microphone	≤ 65 dBμV/m @ 10m	Wireless microphone
		500 mW (ERP)	SRC/ISM devices	500 mW (ERP)	SRC/ISM devices
12	87.5 – 108 MHz	50 nW (ERP)	SRC devices	50 nW (ERP)	SRC devices
		50 mW (EIRP)	Wireless microphone	≤ 60 dBμV/m @ 10m	Wireless microphone
13	169.4 – 175.00 MHz	≤ 500 mW (ERP)	SRC devices / Wireless microphone, Hearing / Audio assistance aids	500 mW (ERP)	Non-specific SRD
				500 mW (ERP)	Wireless microphone and assistive listening devices (ALD)
14	180 – 200 MHz	50 mW (EIRP)	Wireless microphone, Hearing / Audio assistance aids	50 mW (EIRP)	Wireless microphone, Hearing / Audio assistance aids
15	216 – 218.475 MHz	≤ 100 mW (ERP)	Medical and Biological telemetry	≤ 100 mW (ERP)	Medical and Biological telemetry
		50 mW (EIRP)	Wireless microphone	50 mW (EIRP)	Wireless microphone
16	228.0063 – 228.9937 MHz	50 mW (EIRP)	Remote Controlled, Security devices	50 mW (EIRP)	Remote Controlled, Security devices
17	240.15 – 240.30 MHz	≤ 100 mW (ERP)	Radio detection, alarm system	≤ 100 mW (ERP)	Radio detection, alarm system

18	300 – 320 MHz	≤ 100 mW (ERP)	Radio detection, alarm system	≤ 100 mW (ERP)	Radio detection, alarm system
		50 mW (ERIP)	Remote Controlled, Security devices	50 mW (ERIP)	Remote Controlled, Security devices
19	402 – 405 MHz	25 µW (EIRP)	Active medical implant device	25 µW (ERP)	Active medical implant device
20	433 – 435 MHz	≤ 10 mW (ERP)	Radio telemetry , telecommand system	≤ 10 mW (ERP)	Non-specific SRD
		100 mW (EIRP)	RFID	≤ 10 mW (ERP)	Non-specific SRD
				100 mW (EIRP)	RFID , Radio detection, alarm system
21	470 – 806.00 MHz	≤ 10 mW (ERP)	Wireless microphone	≤ 10 mW (ERP)	Wireless microphone
22	866 – 869 MHz	≤ 500 mW (ERP)	RFID, SRC devices	≤ 500 mW (ERP)	RFID, SRC devices
23	919 – 923 MHz 919 – 924 MHz <sup>Note 1</sup>	≤ 500 mW (ERP)	Radio telemetry, telecommand, RFID System	≤ 500 mW (ERP)	RFID System
24	1880 – 1900 MHz 1880 – 1900 MHz <sup>rerer</sup>	250 mW (EIRP)	SRC device	250 mW (EIRP)	SRC device, DECT equipment
25	2400 – 2500 MHz 2400-2483.5 MHz	≤ 100 mW (EIRP)	Bluetooth, SRD device	≤ 100 mW (EIRP)	Bluetooth, SRD device
		≤ 200 mW (EIRP)	Wireless LAN only	≤ 200 mW (EIRP)	Wireless LAN only
		500 mW (EIRP)	RFID	500 mW (EIRP)	RFID

26	5725 – 5875 MHz <sup>Note 1</sup>	$\leq 100$ mW (EIRP)	SRD	$\leq 100$ mW (EIRP)	SRD
	5725 – 5850 MHz <sup>Note 2</sup>	$\leq 1000$ mW (EIRP)	Wireless LAN/ Broadband access	$\leq 1000$ mW (EIRP)	Wireless LAN/ Broadband access
27	10.5 – 10.55 GHz	$\leq 117$ dB $\mu$ V/m @ 10m	Wireless video transmitter and other SRD application	$\leq 117$ dB $\mu$ V/m @ 10m	Wireless video transmitter and other SRD application, Radio Determination Application
28	24 – 24.25 GHz	500 mW (EIRP)	ISM device	500 mW (EIRP)	ISM device
		1W (EIRP)	SRC device	1W (EIRP)	SRC device
29	57 – 66 GHz	$\leq 10$ W (EIRP)	Wireless LAN and Broadband Access	$\leq 10$ W (EIRP)	Wireless LAN and Broadband Access (fixed outdoor installations are not allowed)
30	61 – 61.5 GHz	500 mW (EIRP)	ISM device	500 mW (EIRP)	ISM device
31	76 – 77 GHz	50 mW (ERP)	Security device	50 mW (EIRP)	Security device
		5 W (EIRP)	Short range radio determination	5 W (EIRP)	Short range radio determination