

band	上行 (UL) 发送频率 (MHz)	下行 (DL) 接收频率 (MHz)	双工模式	通道带宽 (MHz)	频段名称	频段 (MHz)	间距 (MHz)
1	1920 - 1980	2110 - 2170	FDD	5, 10, 15, 20	IMT	2100	190
2	1850 - 1910	1930 - 1990	FDD	1.4, 3, 5, 10, 15, 20	PCS	1900	80
3	1710 - 1785	1805 - 1880	FDD	1.4, 3, 5, 10, 15, 20	DCS	1800	95
4	1710 - 1755	2110 - 2155	FDD	1.4, 3, 5, 10, 15, 20	AWS-1	1700	400
5	824 - 849	869 - 894	FDD	1.4, 3, 5, 10	CLR	850	45
6	830 - 840	875 - 885	FDD	5, 10	UMTS 800 (not applicable, replaced by band 19)	850	45
7	2500 - 2570	2620 - 2690	FDD	5, 10, 15, 20	IMT-E	2600	120
8	880 - 915	925 - 960	FDD	1.4, 3, 5, 10	E-GSM	900	45
9	1749.9-1784.9	1844.9-1879.9	FDD	5, 10, 15, 20	UMTS 1700 / Japan DCS (subset of band 3)	1800	95
10	1710 - 1770	2110 - 2170	FDD	5, 10, 15, 20	Extended AWS (superset of band 4)	1700	400
11	1427.9 - 1447.9	1475.9 - 1495.9	FDD	5, 10	Lower PDC	1500	48
12	699 - 716	729 - 746	FDD	1.4, 3, 5, 10	Lower SMH blocks A/B/C	700	30
13	777 - 787	746 - 756	FDD	5, 10	Upper SMH block C	700	31
14	788 - 798	758 - 768	FDD	5, 10	Upper SMH block D	700	30
15	1900 - 1920	2600 - 2620	FDD	5, 10	Reserved		700
16	2010 - 2025	2585 - 2600	FDD	5, 10, 15	Reserved		575
17	704 - 716	734 - 746	FDD	5, 10	Lower SMH blocks B/C (subset of band 12)	700	30
18	815 - 830	860 - 875	FDD	5, 10, 15	Japan lower 800	850	45
19	830 - 845	875 - 890	FDD	5, 10, 15	Japan upper 800 (superset of band 6)	850	45
20	832 - 862	791 - 821	FDD	5, 10, 15, 20	EU Digital Dividend	800	41
21	1447.9 - 1462.9	1495.9-1510.9	FDD	5, 10, 15	Upper PDC	1500	48
22	3410 - 3490	3510 - 3590	FDD	5, 10, 15, 20		3500	100
23	2000 - 2020	2180 - 2200	FDD	1.4, 3, 5, 10	S-Band (a/k/a AWS-4)	2000	180
24	1626.5 - 1660.5	1525 - 1559	FDD	5, 10	L-Band	1600	101.5
25	1850 - 1915	1930- 1995	FDD	1.4, 3, 5, 10, 15, 20	Extended PCS (superset of band 2)	1900	80
26	814 - 849	859 - 894	FDD	1.4, 3, 5, 10, 15	Extended CLR (superset of bands 5, 6, 18 and 19)	850	45
27	807 - 824	852 - 869	FDD	1.4, 3, 5, 10, 15	SMR	850	45
28	703 - 748	758 - 803	FDD	5, 10, 15, 20	APAC	700	55
29	n/a	716 - 728	FDD	5, 10	Lower SMH blocks D/E (additional DL via Carrier Aggregation)	700	n/a
30	2305 - 2315	2350 - 2360	FDD	5, 10	WCS blocks A/B	2300	45
31	452.5 - 457.5	462.5 - 467.5	FDD			450	10

<i>not assigned</i>	1915 - 1920	1995 - 2000	FDD		AWS-2	1900	80
<i>not assigned</i>	1755 - 1780	2155 - 2180	FDD		AWS-3	1700	400
33	1900 - 1920		TDD	5, 10, 15, 20	IMT	2100	
34	2010 - 2025		TDD	5, 10, 15	IMT	2100	
35	1850 - 1910		TDD	1.4, 3, 5, 10, 15, 20	PCS (Uplink)	1900	
36	1930 - 1990		TDD	1.4, 3, 5, 10, 15, 20	PCS (Downlink)	1900	
37	1910 - 1930		TDD	5, 10, 15, 20	PCS (Duplex spacing)	1900	
38	2570 - 2620		TDD	5, 10, 15, 20	IMT-E	2600	
39	1880 - 1920		TDD	5, 10, 15, 20		1900	
40	2300 - 2400		TDD	5, 10, 15, 20		2300	
41	2496 - 2690		TDD	5, 10, 15, 20	BRS / EBS	2500	
42	3400 - 3600		TDD	5, 10, 15, 20		3500	
43	3600 - 3800		TDD	5, 10, 15, 20		3700	
44	703 - 803		TDD	5, 10, 15, 20	APAC	700	

band	频段	频段名称	全球运营商
01	2100	IMT	Japan (au, NTT Docomo, SoftBank Mobile), Philippines (Smart), South Korea (LG U+), Tajikistan (Babilon Mobile), Thailand (TrueMove-H), Angola (Unitel)
02	1900	PCS	Dominican Republic (Tricom), Paraguay (Personal), USA (AT&T, C Spire, T-Mobile US(planned))
03	1800	DCS	Aruba (SETAR), Cayman Islands (Digicel Cayman), Dominican Republic (Orange), Venezuela (Digitel GSM)
04	1700	AWS	
05	850	CLR	USA (U.S. Cellular), South Korea (LG U+, SK Telecom),
06	800	UMTS	
07	2600	IMT-E	Australia (Optus, Telstra), New Zealand (Telecom New Zealand) (in Trial)
08	900	E-GSM	Czech Republic (Vodafone(temporary)), South Korea (KT), Japan (SoftBank), Taiwan (Ambit Microsystems Corp, Chunghwa Telecom, Taiwan Star Cellular) (planned), Australia (Telstra) (in Trial)
09	1800	UMTS 1700	Japan (E MOBILE, NTT Docomo) (compatible with band 3)
10	1700	AWS	
11	1500	LPDC	Japan (au)
12	700	LSMH A/B/C	USA (Regional carriers, U.S. Cellular, T-Mobile US (planned)), Kiribati (TSKL)
13	700	USMH C	Canada (Eastlink, Feenix Wireless, MTS, SaskTel, Telus, Vidéotron Mobile) (planned), USA (Verizon), Bolivia (Entel Bolivia)
14	700	USMH D	USA (Public Safety)

15			Reserved
16			Reserved
17	700	LSMH B/C	USA (AT&T), Antigua & Barbuda (Digicel), Bahamas (BTC), Cayman Islands (C&W LIM E)
18	800		Japan (au) (to be replaced by band 26)
19	800		Japan (NTT Docomo) (to be replaced by band 26)
20	800	EUDD	Qatar (Ooredoo, Vodafone), Nigeria (Smile), Tanzania (Smile), Uganda (Orange, Smile, Fiji (Digicel(planned)))
21	1500	UPDC	Japan (NTT Docomo)
22	3500		
23	2000	S-Band	
24	1600	L-Band	
25	1900	EPCS A-G	USA (Sprint)
26	850	ECLR	USA (Sprint)
27	800	SMR	USA (no deployments)
28	700	APAC	Taiwan (FarEasTone, Taiwan Mobile, Ambit Microsystems Corp (planned), APT (planned)), Japan (NTT docomo, au, E MOBILE), Australia (Optus, Telstra), New Zealand (Telecom New Zealand, Vodafone) (in Trial)
29	800	LSMH D/E	USA (AT&T) (no deployments)
30			Reserved
31			Reserved
32			Reserved
33	TDD2100	IMT	Sri Lanka, Singapore, Malaysia, Australia (no deployments)
34	TDD2100	IMT	China, Japan (no deployments)
35	TDD1900	PCS	
36	TDD1900	PCS	
37	TDD1900	PCS	
38	TDD2600	IMT-E	Brazil (On Telecom, SKY Brasil), Poland (Aero2), Russia (MegaFon, MTS), Spain (COTA), Sweden, Saudi Arabia (Mobily, Zain), Uganda (MTN)
39	TDD1900		China (China Mobile) (in Trial)
40	TDD2300		Russia (Vainah Telecom), Hong Kong (China Mobile), India (Bharti Airtel), Indonesia (PT Internux), Sri Lanka (Dialog Axiata), Nigeria (Spectranet), South Africa (Telkom), Australia (NBN Co, Optus)
41	TDD2500	BRS/EBS	USA (Sprint, nTelos (in Trial)), China (China Mobile), Japan (SoftBank (WCP))
42	TDD3500		Canada (ABC Communications) (planned), Chile (Entel) (in Trial), Belgium (b-lite), United Kingdom (UK Broadband), Bahrain (Menatelecom)
43	TDD3700		United Kingdom (UK Broadband)
44	TDD700	APAC	China (in Trial)

中国移动共获得 130MHz，分别为 1880 -1900 MHz、2320-2370 MHz、2575-2635 MHz

中国联通获得 40MHz，分别为 2300-2320 MHz、2555-2575 MHz，中国电信获得 40MHz，分别为 2370-2390 MHz、2635-2655 MHz