

Obsolete bands are indicated by a grey background. Supplemental downlinks for high traffic in green.

Band	Duplex mode[A]	f (MHz)	Common name	Subset of band	Uplink[A 2] (MHz)	Downlink[A 3] (MHz)	Duplex (MHz)	Channel (MHz)
1	FDD	2100	IMT	65	1920 – 1980	2110 – 2170	190	5, 10, 15, 20
2	FDD	1900	PCS ^[A 4]	25	1850 – 1910	1930 – 1990	80	1.4, 3, 5, 10, 15,
3	FDD	1800	DCS		1710 – 1785	1805 – 1880	95	1.4, 3, 5, 10, 15,
4	FDD	1700	AWS-1 ^[A 4]	66	1710 – 1755	2110 – 2155	400	1.4, 3, 5, 10, 15,
5	FDD	850	Cellular	26	824 – 849	869 – 894	45	1.4, 3, 5, 10
7	FDD	2600	IMT-E		2500 – 2570	2620 – 2690	120	5, 10, 15, 20
8	FDD	900	Extended GSM		880 – 915	925 – 960	45	1.4, 3, 5, 10
10	FDD	1700	Extended AWS-1[A 5]	66	1710 – 1770	2110 – 2170	400	5, 10, 15, 20
11	FDD	1500	Lower PDC	74	1427.9 –	1475.9 – 1495.9	48	5, 10
12	FDD	700	Lower SMH[A 6]	85	699 – 716	729 – 746	30	1.4, 3, 5, 10
13	FDD	700	Upper SMH[A 7]		777 – 787	746 – 756	–31	5, 10
14	FDD	700	Upper SMH[A 8]		788 – 798	758 – 768	–30	5, 10
17	FDD	700	Lower SMH[A 9]	12, 85	704 – 716	734 – 746	30	5, 10
18	FDD	850	Lower 800 (Japan)	26	815 – 830	860 – 875	45	5, 10, 15
19	FDD	850	Upper 800 (Japan)	26	830 – 845	875 – 890	45	5, 10, 15
20	FDD	800	Digital Dividend (EU)		832 – 862	791 – 821	–41	5, 10, 15, 20
21	FDD	1500	Upper PDC	74	1447.9 –	1495.9 – 1510.9	48	5, 10, 15
22	FDD	3500	C-Band		3410 – 3490	3510 – 3590	100	5, 10, 15, 20
24	FDD	1600	Upper L-Band (US)		1626.5 –	1525 – 1559	–101.5	5, 10
252	SDL[A]	5200	U-NII-1[A 18]		N/A	5150 – 5250	N/A	20
255	SDL[A]	5800	U-NII-3[A 18]		N/A	5725 – 5850	N/A	20
25	FDD	1900	Extended PCS[A 10]		1850 – 1915	1930 – 1995	80	1.4, 3, 5, 10, 15,
26	FDD	850	Extended Cellular		814 – 849	859 – 894	45	1.4, 3, 5, 10, 15
27	FDD	800	SMR		807 – 824	852 – 869	45	1.4, 3, 5, 10
28	FDD	700	APT		703 – 748	758 – 803	55	3, 5, 10, 15, 20
29	SDL[A]	700	Lower SMH[A 12]		N/A	717 – 728	N/A	3, 5, 10
30	FDD	2300	WCS ^[A 13]		2305 – 2315	2350 – 2360	45	5, 10
31	FDD	450	NMT		452.5 – 457.5	462.5 – 467.5	10	1.4, 3, 5
32	SDL[A]	1500	L-Band (EU)	75	N/A	1452 – 1496	N/A	5, 10, 15, 20
33	TDD	2100	IMT	39	1900 – 1920		N/A	5, 10, 15, 20

34	TDD	2100	IMT		2010 – 2025	N/A	5, 10, 15	
35	TDD	1900	PCS (UL)		1850 – 1910	N/A	1.4, 3, 5, 10, 15,	
36	TDD	1900	PCS (DL)		1930 – 1990	N/A	1.4, 3, 5, 10, 15,	
37	TDD	1900	PCS[A 14]		1910 – 1930	N/A	5, 10, 15, 20	
38	TDD	2600	IMT-E[A 14]	41	2570 – 2620	N/A	5, 10, 15, 20	
39	TDD	1900	DCS–IMT Gap		1880 – 1920	N/A	5, 10, 15, 20	
40	TDD	2300	S-Band		2300 – 2400	N/A	5, 10, 15, 20	
41	TDD	2500	BRS		2496 – 2690	N/A	5, 10, 15, 20	
42	TDD	3500	CBRS (EU, Japan)		3400 – 3600	N/A	5, 10, 15, 20	
43	TDD	3700	C-Band		3600 – 3800	N/A	5, 10, 15, 20	
44	TDD	700	APT		703 – 803	N/A	3, 5, 10, 15, 20	
45	TDD	1500	L-Band (China)	50	1447 – 1467	N/A	5, 10, 15, 20	
46	TDD	5200	U-NII[A 15]		5150 – 5925	N/A	10, 20	
47	TDD	5900	U-NII-4[A 16]		5855 – 5925	N/A	10, 20	
48	TDD	3500	CBRS (US)		3550 – 3700	N/A	5, 10, 15, 20	
49	TDD	3500	C-Band	48	3550 – 3700	N/A	10, 20	
50	TDD	1500	L-Band (EU)		1432 – 1517	N/A	3, 5, 10, 15, 20	
51	TDD	1500	Extended L-Band (EU)		1427 – 1432	N/A	3, 5	
52	TDD	3300	C-Band		3300 – 3400	N/A	5, 10, 15, 20	
53	TDD	2400	S-Band		2483.5 – 2495	N/A	1.4, 3, 5, 10	
65	FDD	2100	Extended IMT		1920 – 2010	2110 – 2200	190	5, 10, 15, 20
66	FDD	1700	Extended AWS (AWS-1–3)[A 17]		1710 – 1780	2110 – 2200[2]	400	1.4, 3, 5, 10, 15,
67	SDL[A]	700	EU 700		N/A	738 – 758	N/A	5, 10, 15, 20
68	FDD	700	ME 700		698 – 728	753 – 783	55	5, 10, 15
69	SDL[A]	2600	IMT-E[A 14]		N/A	2570 – 2620	N/A	5
70	FDD	2000	AWS-4		1695 – 1710	1995 – 2020	295 –	5, 10, 15
71	FDD	600	Digital Dividend (US)		663 – 698	617 – 652	–46	5, 10, 15, 20
72	FDD	450	PMR (EU)		451 – 456	461 – 466	10	1.4, 3, 5
73	FDD	450	PMR (APT)		450 – 455	460 – 465	10	1.4, 3, 5
74	FDD	1500	Lower L-Band (US)		1427 – 1470	1475 – 1518	48	1.4, 3, 5, 10, 15,
75	SDL[A]	1500	L-Band (EU)		N/A	1432 – 1517	N/A	5, 10, 15 20
76	SDL[A]	1500	Extended L-Band (EU)		N/A	1427 – 1432	N/A	5
85	FDD	700	Extended Lower SMH[A 6]		698 – 716	728 – 746	30	5, 10

Vodafone Australia
North America shared use
Everywhere EXCEPT North America
North and South America
North America and Australia Shared Use
Canada, Europe and Asia
Europe and Asia

Japan only
US (AT&T) Canada (Bell)
US (Verizon)
US (First NET administered by AT&T)
US, part of band 12 (AT&T)
Japan only
Japan only
Europe and Africa
Japan only

US

USA (Sprint)
Japan, USA (Sprint, AT&T, Verizon)
Lower half still used for public safety radios
Asia, South America and possibly Australia
USA AT&T supplemental downlink
USA (AT&T)
Russia, Scandinavia
Italy

Europe

China

Asia

USA (Sprint) China, Japan, Philipines

Europe, Japan

Slovakia

China

T-Mobile Europe

North America

Europe

USA (T-Mobile)