

LTE Band Chart

Band	Name	Downlink (MHz)			BW (MHz)	Uplink (MHz)			Duplex Spacing (MHz)	Area
		Low	Mid	High		Low	Mid	High		
1	2100 MHz	2110	2140	2170	60	1920	1950	1980	190	All
2	1900 MHz PCS	1930	1960	1990	60	1850	1880	1910	80	NAR
3	1800 MHz +	1805	1842	1880	75	1710	1747	1785	95	All
4	AWS	2110	2132	2155	45	1710	1732	1755	400	NAR
5	850 MHz	869	881	894	25	824	836	849	45	NAR
6	UMTS only	875	880	885	10	830	835	840	45	APAC
7	2600 MHz	2620	2655	2690	70	2500	2535	2570	120	EMEA
8	900 MHz	925	942	960	35	880	897	915	45	All
9	1800 MHz	1844.9	1862	1879.9	35	1749.9	1767	1784.9	95	APAC
10	AWS +	2110	2140	2170	60	1710	1740	1770	400	NAR
11	1500 MHz Lower	1475.9	1485	1495.9	20	1427.9	1437	1447.9	48	Japan
12	700 MHz ac	729	737	746	17	699	707	716	30	NAR
13	700 MHz c	746	751	756	10	777	782	787	-31	NAR
14	700 MHz PS	758	763	768	10	788	793	798	-30	NAR
17	700 MHz bc	734	740	746	12	704	710	716	30	NAR
18	800 MHz Lower	860	867	875	15	815	822	830	45	Japan
19	800 MHz Upper	875	882	890	15	830	837	845	45	Japan
20	800 MHz DD	791	806	821	30	832	847	862	-41	EMEA
21	1500 MHz Upper	1495.9	1503	1510.9	15	1447.9	1455	1462.9	48	Japan
22	3500 Mhz	3510	3550	3590	80	3410	3450	3490	100	
23	2000 MHz S-Band	2180	2190	2200	20	2000	2010	2020	180	NAR
24	1600 MHz L-Band	1525	1542	1559	34	1626.5	1643	1660.5	-101.5	NAR
25	1900 MHz +	1930	1962	1995	65	1850	1882	1915	80	NAR
26	850 MHz +	859	876	894	35	814	831	849	45	NAR
27	800 MHz SMR	852	860	869	17	807	815	824	45	NAR
28	700 MHz APT	758	780	803	45	703	725	748	55	APAC
29	700 MHz de	717	722	728	11	Downlink only				NAR
30	2300 MHz WCS	2350	2355	2360	10	2305	2310	2315	45	NAR
31	450 MHz	462.5	465	467.5	5	452.5	455	457.5	10	CALA
33	TD 1900 MHz	1900	1910	1920	20					
34	TD 2000 MHz	2010	2017	2025	15					EMEA
35	TD PCS Lower	1850	1880	1910	60					NAR
36	TD PCS Upper	1930	1960	1990	60					NAR
37	TD PCS Center gap	1910	1920	1930	20					NAR
38	TD 2600 MHz	2570	2595	2620	50					China
39	TD 1900 MHz +	1880	1900	1920	40					China
40	TD 2300 MHz	2300	2350	2400	100					China
41	TD 2600 MHz +	2496	2593	2690	194					All
42	TD 3400 MHz	3400	3500	3600	200					
43	TD 3600 MHz	3600	3700	3800	200					
44	TD 700 MHz	703	753	803	100					APAC

APAC = Asia and Pacific; EMEA = Europe, Middle East and Africa; NAR = North America Region; CALA = Central Latin America

Bands 1-31 = FDD. Bands 33+ = TDD

