

Spectrum Auctions: CALENDAR

July 2020



2020



GSA Spectrum Auction Calendar 2020

This is an updated report from GSA on the current status of Spectrum Auctions around the world. It has been updated since March 2020 to reflect the changing industry developments on spectrum release activities.

GSA has a large and active Spectrum Group which is active in all regions and is aligned along ITU lines. The Spectrum Group is authoring reports on different spectrum areas from low- mid- and high-band frequencies. The most recent report being

the 3300 MHz - 4200 MHz spectrum band report that can be downloaded from the GSA web site.

Please email research@gsacom.com for any updates to this auction calendar.

Region/country	Auction/allocation award date	Spectrum bands	Licensing basis (exclusive 5G, mobile broadband)
Argentina	Originally 2019, new date to be confirmed	738-748/793-803 MHz, 1745-1770/2145-2170 MHz and three regional blocks of spectrum at 1800 MHz in the 1880-1905 MHz and 1960-1985 MHz ranges	Public or private, regional or local ICT services
Australia	Q1 2021	24.25-27.25 GHz	Wireless broadband
Australia	Q4 2021	850/900 MHz	Mobile broadband
Austria	August 2020	700 MHz, 1500 MHz, 2100 MHz, 2300 MHz	5G
Bangladesh	Q4 2020	2.6 GHz and 3.5 GHz	5G
Belgium	July 2020 (applications closed)	2600 MHz (2x15 MHz FDD)	LTE
Belgium	From 2021	26 GHz	5G
Belgium	From 2022 to 2027	31.8-33.4 GHz and 40.5-43.5 GHz	5G
Belgium	Originally 2019, new date to be confirmed	700 MHz, 1500 MHz SDL	5G
Brazil	H1 2021	700 MHz, 2300-2390 MHz, 3300-3700 MHz, 26 GHz	Technology neutral
Canada	2021	3.5 GHz (20 unpaired 10 MHz blocks of spectrum between 3450 MHz and 3650 MHz)	Technology neutral
Canada	2022	3.7-4.2 GHz and 27.5-28.35 GHz	Technology neutral
Channel Islands (Guernsey and Jersey)	Q3 2020	700 MHz and 3400-3800 MHz	5G
Chile	2020 (delayed until further notice in 2020)	703-713/758-768 MHz, 1710-1725/2110-2125 MHz, 3.3-3.4 plus 3.6-3.65 GHz and, 27.5-28.30 GHz	5G
Croatia	H1 2021	700 MHz, 3.6 GHz, 26 GHz and possibly 800 MHz and 900 MHz	5G
Cyprus	End 2020	700 MHz (2x30 MHz, 730-733/758-788 MHz)	Wireless broadband
Cyprus	End 2020	3.6 GHz (3400-3800 MHz non-paired)	Wireless broadband
Czechia	2020	700 MHz; 3500 MHz	Technology neutral
Denmark	2020	3.5 GHz, 26 GHz	5G
Ecuador	2020 (possible delay to Q4 2020 or 2021)	700 MHz, AWS, 2.5 GHz and 3.5 GHz	5G
El Salvador	2020	700 MHz	Mobile services



June 2020

Region/country	Auction/allocation award date	Spectrum bands	Licensing basis (exclusive 5G, mobile broadband)
Estonia	2020	694–790 MHz	5G
Estonia	2020 (applications June 2020)	3600 MHz (3410–3800 MHz)	5G
France	September 2020 start date; awards in October/ November	3490–3800 MHz	Technology neutral
Greece	2020	700 MHz, 2000 MHz, 3400–3800 MHz, 26 GHz	5G
Guatemala	2020 (TBC)	600 MHz and 700 MHz	LTE
Honduras	2020	700 MHz and 3.5 GHz	Mobile services
Hong Kong S.A.R.	2020	617–698 and 703–803 MHz	Indoor mobile
India	Q3 2020	700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz, and 2500 MHz	Technology neutral
Ireland	2020/21	700 MHz, 2100 MHz, 2300 MHz, 2600 MHz	Terrestrial electronic communications
Israel	Underway (applications submitted June 2020)	700 MHz, 2600 MHz, 3500–3800 MHz	5G
Kosovo	After 2022	3400–3800 and possibly 700 MHz and 26 GHz	Technology neutral
Kosovo	Originally 2019, new date to be confirmed	800 MHz, 900 MHz, 1800 MHz, 2100 MHz and 2600 MHz	Technology neutral
Latvia	2020	700 MHz	Wireless broadband
Lithuania	By 2022	700 MHz	Mobile services
Lithuania	2020 (subject to confirmation)	3400–3800 MHz	Mobile services
Luxembourg	Underway	703-733/758-788 MHz; 3420-3750 MHz	5G
Luxembourg	H2 2020	24.25–27.5 GHz	5G
Macedonia	H2 2020	700 MHz and 3400–3800 MHz	5G
Macedonia	Expressions of interest in Jan 2019; tender to follow date TBC	1965–1980 MHz (2155–2170 MHz)	Public mobile/fixed communications networks
Malaysia	2020 (possible delay to 2021)	2x30 MHz at 700 MHz and 100 MHz at 3.5–3.6 GHz, and 24.9–26.5 GHz	5G
Malaysia	2020	26.5–28.1 GHz	Local/private 5G networks
Malta	Mid-2021	700 MHz	Mobile services
Mayotte	2020	700 MHz	5G
Mexico	H2 2020	1910–1915/1990–1995 MHz and 3.35–3.45 GHz	National wireless access services
Mexico	2020 (possible delay to 2021)	600 MHz and 3.3–3.45 GHz	Mobile broadband including 5G
Montenegro	2021	700 MHz, 3500 MHz and 26 GHz	TBC
Myanmar	2020	2300 MHz (2300–2390 MHz) n40 band, 2600 MHz (2500–2570 and 2620–2690 MHz TDD) n41 band and 3500 MHz (3400–3520 MHz) n77/n78 bands)	4G and 5G



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Myanmar	2021	700 MHz n28	4G and 5G
Netherlands	Underway (started June 2020, completion expected August 2020)	700 MHz, 1400 MHz, 2100 MHz	Mobile services
Netherlands	2022	3500–3700 MHz	5G
Netherlands	2026	3400–3450 MHz and 3750–3800 MHz	5G local use
New Zealand	2020 for use from November 2022	3410–3800 MHz	5G (long-term licence)
Norway	From 2021	738–758 MHz (700 SDL), 1427–1518 MHz (1500 SDL), 2300–2400 MHz (2.3 GHz), 2500–2690 MHz (2.6 GHz), 3400–3800 MHz (3.6 GHz) and 24250–27500 MHz (26 GHz)	Mobile comms and 5G
Peru	2020 (possible delay to 2021)	AWS-3 and 2300–2330 MHz	Public telecoms services (including 4G and 5G)
Poland	2020	3480–3800 MHz	5G
Portugal	Auction start October 2020 with assignments by 2021	700 MHz (2x30 MHz FDD), plus unused spectrum at 900 MHz (2x5 MHz, 2x3 MHz and 2x 1 MHz FDD), 1800 MHz (2x15 MHz FDD), 2100 MHz (2x5 MHz FDD), 2600 MHz (2x10 MHz FDD + 25 MHz TDD) and 3600 MHz (400 MHz).	Technology and service neutral
Réunion	2020	700 MHz, 3400–3800 MHz	5G
Romania	Q3 2020	700 MHz, 800 MHz, 1500 MHz, 3400–3800 MHz	5G
Romania	2021	26 GHz	5G
Slovakia	To be confirmed (originally scheduled to start June 2020; delayed)	700 MHz (694–790 MHz), 900 MHz, 1800 MHz	Mobile services including 5G
Slovenia	End 2020	700 MHz, 1400 MHz (1427–1517 MHz), 2100 MHz, 60 MHz in the 2300 MHz band, 3540–3800 MHz and 26 GHz.	National mobile services
Slovenia	2021/2022	28 GHz and 32 GHz	Fixed wireless broadband access
South Africa	2020	700 MHz, 800 MHz, 2300 MHz, 2600 MHz, 3500 MHz	Wireless broadband open access services
Spain	Q1 2021	700 MHz	5G
Sweden	November 2020	2300–2380 MHz and 3400–3720 MHz	Mobile broadband and 5G
Sweden	2021	24.25–25.1 GHz	Local indoor 5G use
Thailand	2020	3400–3700 MHz	Mobile services
UAE	2020	26 GHz	5G
UK	2020	700 MHz and 3600–3800 MHz	Mobile services
Ukraine	Mid-2020	850 MHz (834–843 and 879–888 MHz)	To be confirmed
USA	July 2020 (applications submitted)	3.5 GHz CBRS priority access licences	Technology neutral
USA	December 2020	3700–3980 MHz	Technology neutral

ABOUT GSA

GSA is the voice of the global mobile ecosystem and has been representing mobile suppliers since 1998.

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