

## **Spectrum Release Plan for 2025 – 2027**

### **Introduction**

In accordance with the Radio Spectrum Policy Framework announced by the Government in April 2007, the Communications Authority (“CA”) will publish a spectrum release plan (“SRP”) to inform the industry of the potential supply of radio spectrum for the following three years. The SRP is updated every year on a rolling basis, or as required, taking into account the latest developments. Details of the SRP for 2025 – 2027 are listed below. Spectrum in the SRP may be made available for use by the industry through open bidding, tendering process or other appropriate means.

2. This SRP is for information of the industry and the public. Publication of the SRP does not constitute any allocation or assignment of the spectrum. The SRP does not bind CA in exercise of its discretion in the actual spectrum allocation and assignment. CA will conduct separate consultation exercises before exercising its powers under sections 32H(2)(a) and (b) and 32I(1) of the Telecommunications Ordinance (Cap. 106) as is reasonable in all the circumstances of the case. In making a decision on spectrum allocation and/or assignment, CA will also take into account all relevant matters of the case. CA is entitled to depart or deviate from the SRP where the circumstances so warrant.

### **Spectrum Release Plan for 2025 – 2027**

<b>Frequency Band (MHz)</b>	<b>Bandwidth (MHz)</b>	<b>Earliest Release Timing <sup>[1]</sup></b>	<b>Timing for Target Consultation Date</b>	<b>Remarks</b>
<b><i>I. Spectrum for Mobile / Fixed Wireless Services</i></b>				
2515 – 2540 2635 – 2660	50	2025	2024 <sup>[2]</sup>	Re-assignment of the spectrum for provision of mobile services upon expiry of the existing assignments in 2028 <sup>[3]</sup>
39500 – 43500	4000	2026/ 2027 <sup>[4]</sup>	2026/ 2027 <sup>[4]</sup>	Assignment of new spectrum for provision of mobile / fixed wireless services

Frequency Band (MHz)	Bandwidth (MHz)	Earliest Release Timing <sup>[1]</sup>	Timing for Target Consultation Date	Remarks
<b>II. Spectrum for Innovative Services</b>				
1430 – 1444	14	2025	2025 <sup>[5]</sup>	Assignment of new spectrum for unmanned aircraft systems (UAS)

**Notes**

- [1] “Earliest Release Timing” refers to the earliest timing when the spectrum concerned is expected to be available for release to the market through auction, tendering or other appropriate means, subject to the outcome of consultation and/or enactment of the relevant subsidiary legislation. It does not necessarily refer to the actual date of spectrum assignment.
- [2] The public consultation on the arrangements for re-assignment of the spectrum in the 2.5/2.6 GHz band and the related spectrum utilisation fee was completed in October 2024.
- [3] The existing assignments in these bands will expire in May 2028.
- [4] Subject to technology and market developments, the exact timing for public consultation and release of the new spectrum in the 39500 – 43500 MHz band will be determined at a later time.
- [5] The industry consultation on the allocation of the 1.4 GHz band to the mobile service for use of UAS was completed in January 2025.

**Spectrum included in previous versions of Spectrum Release Plan**

***A. Spectrum under reserve***

Frequency Band (MHz)	Bandwidth (MHz)	Remarks
216 – 223	7	Use of Channel 11C (219.584 – 221.120 MHz) for Digital Audio Broadcasting services has ceased since 4 September 2017.  Channel 11A to 11D (216 – 223 MHz) may be used for new digital broadcasting and telecommunications services, including broadcast-type mobile TV services.

Frequency Band (MHz)	Bandwidth (MHz)	Remarks
617 – 652 663 – 698	70	The spectrum in these bands was included in the auction held in October 2021, but was not acquired by any bidder in the auction. The spectrum has been reserved and is available for release to the market subject to expression of interest from the industry.
1466 – 1480	14	This band may be used for new digital broadcasting and telecommunications services, including broadcast-type mobile TV services.  As a result of the second consultation on the development of mobile TV services which took place in January 2008, this band has been reserved subject to further development of the market.
2010 – 2019.7	9.7	This band was included in the auction of radio spectrum in the 850 MHz, 900 MHz and 2 GHz bands held in February/March 2011 for the provision of public mobile services but was not acquired by any bidder in the auction. CA will review the demand for this band.
2019.7 – 2024.7	5	The spectrum in this band was previously assigned to mobile network operators for the provision of 3G mobile services. The assignment expired on 21 October 2016. In accordance with the decision of CA announced on 15 November 2013, <sup>1</sup> this band has been reserved following the expiry of the relevant assignments in October 2016.
6910 – 6925	15	In accordance with the decision of CA announced on 1 March 2024 <sup>2</sup> , this band will be kept as reserve.
7025 – 7125	100	This band was leftover from the auction held in November 2024. CA will review any interest from the industry at a later time in determining the way forward for the spectrum.

<sup>1</sup> See [http://www.coms-auth.hk/filemanager/statement/en/upload/237/ca\\_statements20131115\\_en.pdf](http://www.coms-auth.hk/filemanager/statement/en/upload/237/ca_statements20131115_en.pdf).

<sup>2</sup> See [https://www.coms-auth.hk/filemanager/statement/en/upload/632/ca\\_statement\\_20240301.pdf](https://www.coms-auth.hk/filemanager/statement/en/upload/632/ca_statement_20240301.pdf).

<b>Frequency Band (MHz)</b>	<b>Bandwidth (MHz)</b>	<b>Remarks</b>
24250 – 25550	1300	This band was not assigned to any applicant in the last administrative assignment exercise held in February 2024. CA may, subject to any further market demand, invite applications for administrative assignment again at a later time.
27950 – 28350	400	This band is currently available for application for administrative assignment on a shared basis.

***B. Spectrum assigned***

<b>Frequency Band (MHz)</b>	<b>Bandwidth (MHz)</b>	<b>Remarks</b>
703 – 738 758 – 793	70	The spectrum in these bands was auctioned off in October 2021, with the assignment taking effect from June 2022.
825 – 832.5 870 – 877.5	15	The spectrum in these bands was auctioned off in October 2021, with the assignment taking effect from December 2021.
832.5 – 837.5 877.5 – 882.5 885 – 890 930 – 935	20	The spectrum in these bands will be re-assigned in June 2026 for provision of public mobile services based on the results of the auction conducted in November 2024.
890 – 915 935 – 960	50	The spectrum in these bands was re-assigned on 12 January 2021 for the provision of public mobile services based on the results of the auction conducted in December 2018.

Frequency Band (MHz)	Bandwidth (MHz)	Remarks
1710 – 1785 1805 – 1880	150	The right of first refusal for 80 MHz of spectrum in the frequency bands of 1720 – 1730 MHz, 1740 – 1770 MHz, 1815 – 1825 MHz and 1835 – 1865 MHz (“RFR Spectrum”) was offered to the incumbent spectrum assignees administratively in July 2018. All of them exercised their right of first refusal to acquire the relevant RFR Spectrum. The remaining 70 MHz of spectrum in the frequency bands of 1710 – 1720 MHz, 1730 – 1740 MHz, 1770 – 1785 MHz, 1805 – 1815 MHz, 1825 – 1835 MHz and 1865 – 1880 MHz was auctioned off in December 2018. All the 150 MHz of spectrum in these bands was re-assigned on 30 September 2021 for the provision of public mobile services.
1904.9 – 1919.9	15	The spectrum in this band was previously assigned to mobile network operators for the provision of 3G mobile services. The assignments expired on 21 October 2016. In accordance with the decision of CA announced on 15 November 2013, <sup>1</sup> this band was put back to reserve following the expiry of the relevant assignments in October 2016. The spectrum in the 1904.9 – 1915.0 MHz band was subsequently assigned for use by the Government in 2019.
1930.2 – 1940.0 1960.0 – 1969.8 2120.2 – 2130.0 2150.0 – 2159.8	39.2	In accordance with the decision of CA announced on 15 November 2013, <sup>1</sup> these bands were planned to be released through auction towards end 2014. Following the decision of CA announced on 2 May 2014, <sup>3</sup> the bands to be released through auction were revised to 1920.3 – 1935.1 MHz, 1960.0 – 1969.8 MHz, 2110.3 – 2125.1 MHz and 2150.0 – 2159.8 MHz instead (with a total bandwidth of 49.2 MHz). The spectrum in these revised bands was assigned through the auction held in December 2014 for the provision of public mobile services.

<sup>3</sup> See [http://www.coms-auth.hk/filemanager/statement/en/upload/270/decision\\_20140502\\_e.pdf](http://www.coms-auth.hk/filemanager/statement/en/upload/270/decision_20140502_e.pdf).

<b>Frequency Band (MHz)</b>	<b>Bandwidth (MHz)</b>	<b>Remarks</b>
2300 – 2390	90	The spectrum in this band will be re-assigned in March 2027 for the provision of public mobile services based on the results of the auction conducted in November 2024.
2500 – 2515 2540 – 2570 2620 – 2635 2660 – 2690	90	The spectrum in these bands was re-assigned in March 2024 for the provision of public mobile services based on the results of the auction conducted in October 2021.
3300 – 3400	100	The spectrum in this band (limited to indoor use) was auctioned off in November 2019, with the assignment taking effect from December 2019.
3400 – 3600	200	The spectrum in this band was auctioned off in October 2019, with the assignment taking effect from April 2020.
4800 – 4840 4920 – 4960	80	The spectrum in these bands was auctioned off in October 2021, with the assignment taking effect from December 2021.
4840 – 4920	80	The spectrum in this band was auctioned off in October 2019, with the assignment taking effect from December 2019.
6570 – 6770 6925 – 7025	300	The spectrum in these bands was auctioned off in November 2024, with the assignment taking effect from March 2025.
25550 – 27950	2400	The spectrum in this band was administratively assigned for the provision of large scale public mobile services in April 2019 and August 2024.

<b>Frequency Band (MHz)</b>	<b>Bandwidth (MHz)</b>	<b>Remarks</b>
27950 – 28350	400	CA has made available the spectrum in this band for assignment on a geographically sharing basis for the provision of localised public wireless broadband services or localised private wireless broadband systems. Application for assignment is open on an on-going basis, with the first assignment made in October 2019.

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