

# Hong Kong Communications 5g base station





## Overview

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How many radio base stations are there in Hong Kong?

3. At present, mobile network operators (“MNOs”) have installed around 17 000 radio base stations (“RBS”) across 18 districts in Hong Kong, including 33 RBS situated in major country parks as well as rural/remote areas.

Does Hong Kong have a 5G network?

The introduction of 5G technology has revolutionized mobile communications worldwide, and Hong Kong is no exception. To ensure the integrity and reliability of its telecommunication infrastructure, the Hong Kong Communications Authority (OFCA) regulates very rigorous standards applicable to all radiocommunications equipment.

How can CA support the development of 5G services in Hong Kong?

Timely supply of radio spectrum to the industry is a major focus of CA’s work to facilitate the continued development of 5G services in Hong Kong.

What frequency bands are allowed for NR base stations in Hong Kong?

For instance, HKCA 1082 prescribes frequency bands permitted for NR Base Stations in Hong Kong, e.g., n78 (3300–3800 MHz) and n79 (4400–5000 MHz), to restrict deployments within OFCA's holdings of licensed spectrum.



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Hong Kong carriers set to activate 5G base stations in the ...

Aug 8, 2025 · Hong Kong operators have secured 700MHz frequencies in a spectrum auction last year Mobile operators in Hong Kong are set to gradually activate their mobile base stations in ...

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Office of the Communications Authority

Jul 7, 2025 · Under this Scheme, subsidies are reimbursed, subject to a cap, to help install new radio base stations ("RBS") at about 50 sites across different districts. These sites will be ...

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5G Base Station for Satellite Communications

5G Base Station for Satellite Communications Overview A new 5G base station physical layer reference design with Third Generation Partnership Project ("3GPP") Release 17 non ...

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Restrictions on use of 3.5 GHz band to operate 5G radio base stations

Oct 28, 2024 · The Office of the Communications Authority (OFCA) announced today (October 28) that the restrictions on operating fifth generation (5G) radio base stations using the 3.5 ...

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Panel on Information Technology and Broadcasting

Feb 5, 2025 · 3. At present, mobile network operators ("MNOs") have installed around 17 000 radio base stations ("RBS") across 18 districts in Hong Kong, including 33 RBS situated in ...

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Office of the Communications Authority

Jul 7, 2025 · Under this Scheme, subsidies are reimbursed, subject to a cap, to help install new radio base stations ("RBS") at about 50 sites across ...

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Hong Kong to pay for remote 5G base stations

Jul 8, 2025 · The government of Hong Kong has launched a subsidy scheme to help operators roll out 5G base stations in rural and remote areas of the territory.

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Hong-Kong 5G Base Station Construction Market: Key ...

Jul 30, 2025 · The Hong Kong 5G Base Station Construction Market is influenced by a dynamic mix of leading local enterprises and regional subsidiaries of global corporations, all of which ...

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Ensuring 5G NR Base Station Compliance with HKCA 1082 in Hong Kong

Jul 25, 2025 · Base Station Compliance in Hong Kong: Learn about HKCA 1082 standards, testing, and certification for safe, efficient, and interference-free 5G deployment.

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What is 5G

Oct 17, 2025 · Similar to the development of 3G and 4G networks and services in the past, MNOs have to progressively install a large number of 5G radio base stations and small cells in ...

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Hong Kong to pay for remote 5G base ...

Jul 8, 2025 · The government of Hong Kong has launched a subsidy scheme to help operators roll out 5G base stations in rural and remote areas of ...

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Installation of Base Stations and Radiation Safety

Oct 9, 2025 · The rollout of 5G services needs the establishment of an extensive network of radio base stations and small cells to support very high-speed data transmission and ubiquitous ...

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