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# Thailand Communications 5G Base Station Project





## Overview

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What is the 5G infrastructure market in Thailand?

The 5G Infrastructure market in Thailand is a pivotal component in the country digital transformation. With the rollout of 5G networks, Thailand is poised to experience a significant boost in connectivity, enabling IoT, smart cities, and improved mobile services.

How many 5G connections are there in Thailand in Q2 2024?

In Q2 2024, 26.6% of connections were 5G connections and 5G coverage reached 95% of the population.<sup>2</sup> Mobile data traffic per connection in Thailand is among the highest in ASEAN. Yet, more work is needed to ensure there are sufficient spectrum resources to support the next phase of 5G development, especially in the crucial mid-band range (1-7 GHz).

What should Thailand do for 5G and 5g-a development?

It is therefore important for Thailand to maintain momentum and prioritise the following actions for 5G and 5G-A development: — Make at least 300 MHz of spectrum available in the globally harmonised 3.5 GHz band as soon as practicable. Avoid unnecessarily large guard band between mobile and fixed satellite service (FSS).

When did 5G start in Thailand?

Thailand's first 5G spectrum auction was held in February 2020 for frequencies in the 700 MHz, 2.6 GHz and 26 GHz bands. Both AIS<sup>43</sup> and TrueMove H<sup>44</sup> deployed their 5G networks after the spectrum auction in early 2020, using their newly purchased 2.6 GHz spectrum. DTAC launched 5G services using their 700 MHz spectrum holdings in February 2021.<sup>45</sup>



## Thailand Communications 5G Base Station Project



### [NT and AIS join forces to increase 4G/5G ...](#)

These agreements aim to enhance and expand the 4G/5G capabilities of both NT and AIS. In this agreement, AWN, on behalf of AIS, will establish a 4G/5G network on the 700 MHz spectrum with a total of ...

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True Corporation, Thai military, and NBTC activate mobile base stations at Phu Makua, boosting 5G, 4G, and 3G coverage.

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### [AIS Unveils ASEAN's First 5G+ Network with ...](#)

In a landmark move set to redefine digital connectivity in Southeast Asia, Thailand's leading digital infrastructure provider, AIS, has officially launched "AIS 5G+," the first commercial network in the ASEAN ...



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### [Thailand 5G Infrastructure Market Size and Forecasts 2030](#)

In Thailand 5G Infrastructure Market, offering valuable insights, key market trends, competitive landscape, and future outlook to support strategic decision-making and business growth.

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### **5G in Thailand: AIS Leads the Market**

AIS and TrueMove H Drive Early 5G Adoption5G Performance Varies by Operator in Thailand5G Availability Differentiates Operators in ThailandRegional 5G Performance in ThailandThailand 5G Signal StrengthChanges on The Horizon For 5G in ThailandWhile AIS leads the market in terms of 5G performance in Q4 2021, the release of further spectrum in the 3.5 GHz band, due to be auctioned by the regulator this year, could drive changes in the market. Other changes are already underway, with TrueMove H and dtac announcing in November 2021 plans to merge their businesses, a move which would create See more on ookla Missing: Base StationMust include: Base Station6Wresearch

### **Thailand 5G Infrastructure Market (2025-2031) Outlook**

The Thailand 5G Infrastructure market is experiencing robust growth, driven by the deployment of fifth-generation (5G) networks to



support enhanced mobile broadband, ultra-reliable low ...

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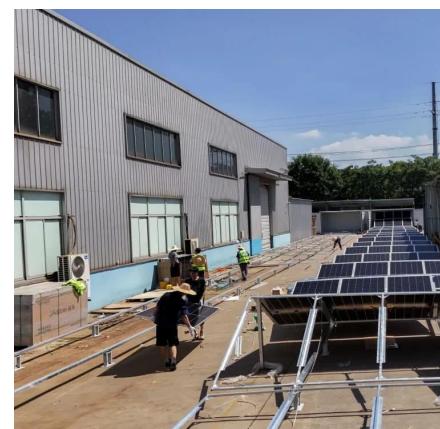
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### [A Guide to the Communication Tower in Thailand](#)

An expert guide to the communication tower in Thailand. Explore the 5G rollout, market drivers, infrastructure companies, and future trends in this key ASEAN market.

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### **[True Corporation Supports Government and Thai Military, Expanding 5G...](#)**

True Corporation has strictly complied with NBTC measures for controlling base stations in border areas throughout, including tower removal, equipment dismantling, and ...

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