

Kongres Container

5G base stations in Oman s communications market



Overview

Does Oman have a 5G network?

In Oman, the TRA has implemented measures to promote infrastructure sharing among mobile operators, which can enhance the efficiency and cost-effectiveness of 5G network deployments.

How many 5G base stations will Omantel have?

Omantel launched its 5G network in December 2019, utilizing the 3.4 – 3.6 GHz frequency band. 1 The Telecommunications Regulatory Authority (TRA) had set a target for operators to deploy 4,400 5G base stations over a five-year period starting in October 2019.

Does Oman need more to encourage 5G adoption?

With 5G Availability in the market below 10%, it's clear that operators need to do more to encourage 5G adoption. Oman Future Telecommunications (OFT), operating under the Vodafone Oman brand, plans to launch commercial services in late 2021.

How big is the 5G base station market?

Macro cells represented USD 22.9 billion and 61.3% of the 2024 5G base station market share, providing umbrella coverage and mobility anchor services. Yet small cells are forecast to expand at a 29.4% CAGR, pushing their slice of the 5G base station market size toward USD 50 billion by 2030.

Where is the strongest 4G LTE RSRP signal in Omani?

Located west and northwest of the Muscat International Airport, Al Mawaleh South and Al Mouj Muscat are high-traffic areas frequented by many Omani residents. The image below shows the strongest 4G LTE RSRP signal strength by provider with the dark blue representing Omantel and purple representing Ooredoo.

How many 5G sites are there in 2021?

According to the RTA, a total of 1,300 5G sites had been deployed in the market as of June 2021, equating to 5G coverage of 40% of the population. With 5G Availability in the market below 10%, it's clear that operators need to do more to encourage 5G adoption.

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