

# Bahrain bids for 5G communication base stations

## Is Bahrain a good country for 5G?

TRA General Director Philip Marnick said: "The Kingdom of Bahrain remains one of the most well-connected places globally. Not only does 5G technology enable better mobile broadband for consumers,it also supports industrial applications.

# Is Saudi Arabia ready for 5G?

Besides the 3.3GHz-3.8GHz range,the TRA has said it is also looking at the 1427MHz-1518MHz and 24.25GHz-27.5GHz bands for 5G use,while it could also utilize spectrum above 40GHz after 2020. In May 2018 Saudi Arabia's CITC issued temporary 5G licencesto the country's mobile operators to allow them to trial 5G technologies.

#### Is Zain Kuwait ready for 5G?

Although no concrete auction date has been disclosed,in December 2018 Zain Kuwait claimed it was readyto go live with 5G network services across "all strategic and heavily populated areas," but admitted that it's awaiting additional spectrum allocations and 5G launch permission from the regulatory authorities.

## Is Kuwait ready for 5G?

In June 2018 Salem Al- Ozainah, the chairman of Kuwait's CITRA, revealed that 5G networks in the country will utilize additional spectrum in the existing LTE frequency range, as well as mmWave spectrum above 24GHz.

#### Is 5G available in Qatar?

In December 2018 Qatar's Communications Regulatory Authority (CRA) amended mobile licenses held by Vodafone Qatar and Ooredoo Qatar to allow for the commercial deployment of 5G services.

#### How fast is 5G?

Since 2017, Zain, Ooredoo, and Viva have all staged 5G trials, with Zain claiming to have achieved download speeds of up to 70Gbps back in September 2017 using 2000MHz spectrum, which it said represented one of the highest throughput speeds ever achieved in the region.



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