

# South Sudan 5G base station consultation







### **Overview**

### Does South Africa have a 5G network?

acitymedia.com)4.5 Roadmap for South AfricaWhile South Africa is well advanced in terms of deploying and commercialising 5G networks, the coverage of these networks remains restricted to major cities. This is likely due to a continuing delay to spe.

Will Rwanda have a 5G network?

G networks would be constrained in any case. The roadmap to 5G in Rwanda is therefore complicated by the question of which operators are eligible to operate a network, and, given the low uptake for LTE services (caused by a lack of afordable smartphones, and high prices caused by wholesale.

When will 5G trials take place in Africa?

5G trials staged in November 2020 by Orange. Company oficials have stated 5G trials could take place in the nex 2G 3G 4G -4G 2012 5G 2020First comme cial 5G networks in Africa deployed in 2020. Oper ors are using temporary allocated spectrum. Spectrum Auction of 700MHz, 800MHz, 2600MHz and 35 Section 2.2 can be a.

When will 5G be available in SSA?

oexisting alongside 5G well into the 2030s3. This will be particularly important in SSA, where even as late as 2019 only 9% of total connections were via an LTE network; the GSMA estimates that by 2025 this figure will rise to 2 % and there will be 3% of connections on 5G. Anything that can be done to untries currentlyFIGURE.

Which GHz band is a key mid-band spectrum for 5G?

ore harmonisation decisions are made at WRC. In particular, the 4.8 GHz and 6 GHz bands may be key mid-band spectrum for 5G expans on, given the likely demands from consumers. The GSMA estimates 46 that by 2030, total



spectrum demand for 5G services in cities will be approximately 2020 MHz – this is lik.

Is 5G still under development?

or 5G is still under development at present. In assessing the appropriate fee levels or reserve prices, it will be important to take account of the impacts of high spectrum costs on the financial ability of operators to invest in



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Adjacent band sharing 5G and FSS receiving stations in C-band

The energy from 5G base stations is too high, in all instances it ends up saturating the FSS receiver's LNB. The one site where co-band use is possible is due to geographic protection, ...

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