

In this paper, for the first time in literature, we review some of the critical and emerging security vulnerabilities in the 5G/WiFi coexistence network environment which have ...

Figure 1 illustrates an example architecture of a 5G-based smart healthcare network connecting different devices to healthcare services. With the help of 5G, these applications have become ...

Small cells can go on lamp posts and the side of buildings, but to compensate for the range limitations, multiple antennas are necessary to serve a specific area. 5G network ...

A literature review is presented on energy consumption and heat transfer in recent fifth-generation (5G) antennas in network base stations. The review emphasizes on the role of ...

It also marks the start of 5G-A commercialization, with the industry starting to build and deploy networks and exploring new uses, she added. ...

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Base stations (BSs) periodically broadcast information about the network in System Information (SI) messages, and in 5G these messages are not secure.

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To secure the full scope of 5G use cases, it is critical that strong cybersecurity practices are incorporated within the design and development of 5G technology.

As 5G networks become more pervasive, understanding these security issues becomes crucial for both consumers and businesses alike. This document aims to shed light ...

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The rapid advancement of 5G networks introduces new security challenges, particularly with the rise of false base station (FBS) attacks. This study investigates.

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