

Lte base station communication equipment identification experiment

Source: <https://www.aides-panneaux-solaire.fr/Thu-12-Sep-2019-12340.html>

Website: <https://www.aides-panneaux-solaire.fr>

This PDF is generated from: <https://www.aides-panneaux-solaire.fr/Thu-12-Sep-2019-12340.html>

Title: Lte base station communication equipment identification experiment

Generated on: 2026-09-09 13:16:14

Copyright (C) 2026 AIDES SOLAR. All rights reserved.

For the latest updates and more information, visit our website: <https://www.aides-panneaux-solaire.fr>

With this software, users can remotely control and demo tests on base stations quickly and easily. It also provides the SCPI commands required to implement each test in user-defined test ...

Our experiments reveal the influencing factors of the success of fake base station attacks and detection, and provides nuances for performance that is missing from existing work.

Abstract--This paper investigates the extraction of radio frequency fingerprints (RFF) of long-term evolution (LTE) base station synchronous signals, aiming to achieve the identification of ...

This guide covers LTE testing procedures for both User Equipment (UE) and eNodeB, including RF and PHY conformance tests and key test equipment.

We empirically analyzed the detection and identification thresholds, which vary with the fake base station's power and the channel condition.

LTESniffer is An Open-source LTE Downlink/Uplink Eavesdropper. It first decodes the Physical Downlink Control Channel (PDCCH) to obtain the Downlink Control Informations (DCIs) and ...

None of this research would have been possible without her hard work. This is as much her project as mine.

We designed and built a defense scheme which detects and blacklists a fake base station and then, informed by the detection, avoids ...

This paper investigates the extraction of radio frequency fingerprints (RFF) of long-term evolution (LTE) base station synchronous signals, aiming to achieve th

Lte base station communication equipment identification experiment

Source: <https://www.aides-panneaux-solaire.fr/Thu-12-Sep-2019-12340.html>

Website: <https://www.aides-panneaux-solaire.fr>

We designed and built a defense scheme which detects and blacklists a fake base station and then, informed by the detection, avoids it through link routing for connectivity ...

Anritsu's Signaling Testers, also known as base station simulators, support a wide range of communication standards including 2G, 3G, 4G (LTE/LTE-A/LTE-A Pro) and 5G.

Web: <https://www.aides-panneaux-solaire.fr>

