

Jamming Attacks in 5G NR FR1

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Abstract

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Abstract:
Mobile communication has become an integral part of our everyday life, nowadays the fifth generation (5G) solutions represent the high end of technology. In Hungary and in many other countries around the world, phone carriers and service providers have started to build their own fifth generation networks alongside the second (2G) and fourth generation (4G) solutions. In this article, we examine how a current fifthgeneration network and its radio segment work against of electronic disturbance. Our team conducted experiments at the Infocommunication and Information Technologies National Laboratory, within the Ministry of Innovation and Technology, National Research, Development and Innovation Office.

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