

Cellular coverage for drone communications

Objective: To assess the capabilities of the 4G and 5G mobile network to provide high altitude coverage and enable data service to drones.

Description:

Cellular networks are designed to serve users at street level or in buildings. In order to provide communications service to drones, it is necessary to evaluate the capacity of the network at different heights, something that has not been necessary until now.

To this end, several measurement campaigns will be carried out with drones to evaluate their performance and determine the services that can be provided to these vehicles, such as low latency communications for drone control or high bandwidth services for high quality video.

