



Influence of urban canyons on snapshot RAIM methods availability

A. Nowak

Institute of Navigation and Hydrography, Naval University of Gdynia, 69 Smidowicza Str.,
81-103 Gdynia, Poland (aleksandernowak@wp.pl)

The paper presents some theoretical considerations concerned usage of Snapshot RAIM algorithms in conditions of restricted visibility of satellites. Influence of urban canyons on Snapshot RAIM Methods Availability and Approximate Radial-Error Protected (ARP) is taken into consideration. Some results of numerical experiments are presented, too. Data to analysis were obtained thanks to computer software done by author of the article. Moreover, the paper presents some results of measurement campaign done in moving car in urban canyons.