

Study on the Quality of the GNSS Measurements in Static Mode If Applying Certain Values of the Parameters, Following the Current Regulatory Requirements

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SUMMARY

The continuous GNSS modernization leads to improvement of the results from the measurements. From technical point of view this necessitates an update of the requirements for conducting of GNSS measurements. This paper studies the overall quality of the results from the geodetic measurements, conducted and processed with certain, but various values of the cut-off angle and length of the session. Several spatial chords with different lengths were measured and the results were analysed, using own geodetic software. The experiment is one continuation of a previous study of the author, now done in the light of current requirements for the GNSS measurements and technical possibilities. Based on the derived results, conclusions are done. Recommendations and proposals are also given.