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### **Estimation of Electronics Component Contribution in the Overall Measurement Error at SLR Station Riga**

SLR measurement system consists of number of devices, each of which contributes an error in the total result. To improve the precision of the measuring system in SLR station Riga we attempted to estimate the impact on measurement precision for all its components. In this paper we propose a way to estimate error of electronic components in the measuring system using recorded and emulated signals in start and stop chains.