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The Statistic Analysis of Atmospheric Effects of Differential VLBI

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During the Chinese Lunar Mission hundreds of VLBI observations have been carried, we re-analysis all the quasar observations which used to calibrate the satellite observables. In each observation there are two quasar scans lasting about one hour, we use these data by splitting them into different time intervals and doing self-calibration each other in phase-referencing style to investigate the relationship of differential atmospheric delay and different “time-switching”. In this report we will present our primary result.

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