

The LRA on Compass M1 and Laser Ranging Experiment

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The Chinese experimental navigation satellite 《CompassM1》 with an orbital altitude of 21500km was launched on April 13, 2007. The performance of the LRA on Compass M1 and the laser ranging experiment at the Changchun SLR station are introduced. It is shown in the experiment that the returned signal strength from the LRA is much stronger than the signals from GPS-35/36 and GIOVE-A.