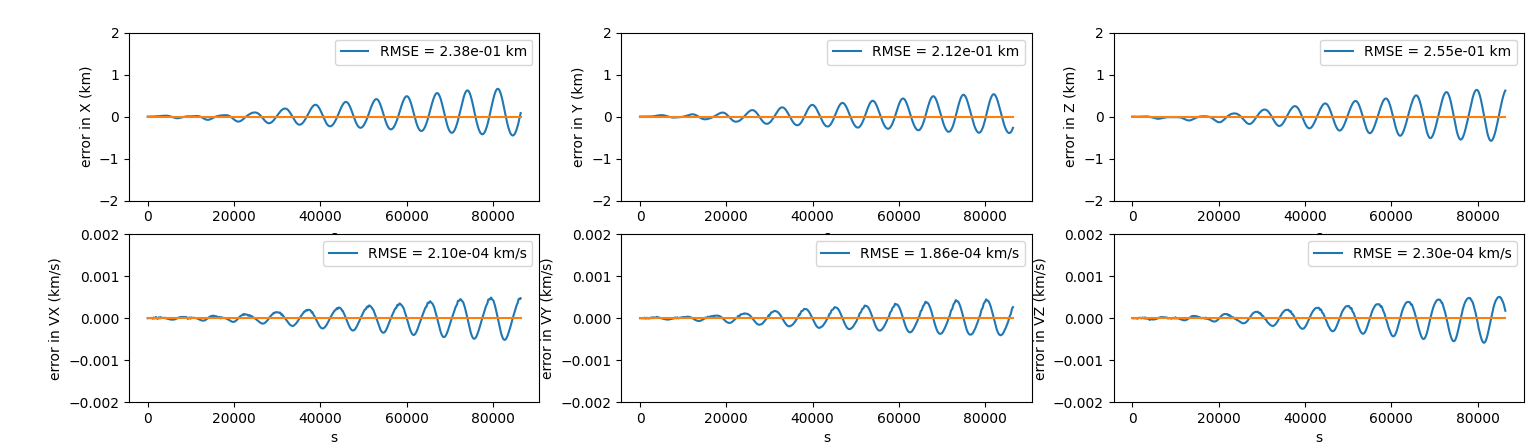
**Report Work**

**Study 5: Improvement of the Lun Geop 🡪 GRAIL 2021**

Reference) 1day, 30s, Old (70\*70): CT = 3.53s



ReferenceMax) 1day, 30s, Old (165\*165): CT = 11.67s

A graph of a graph

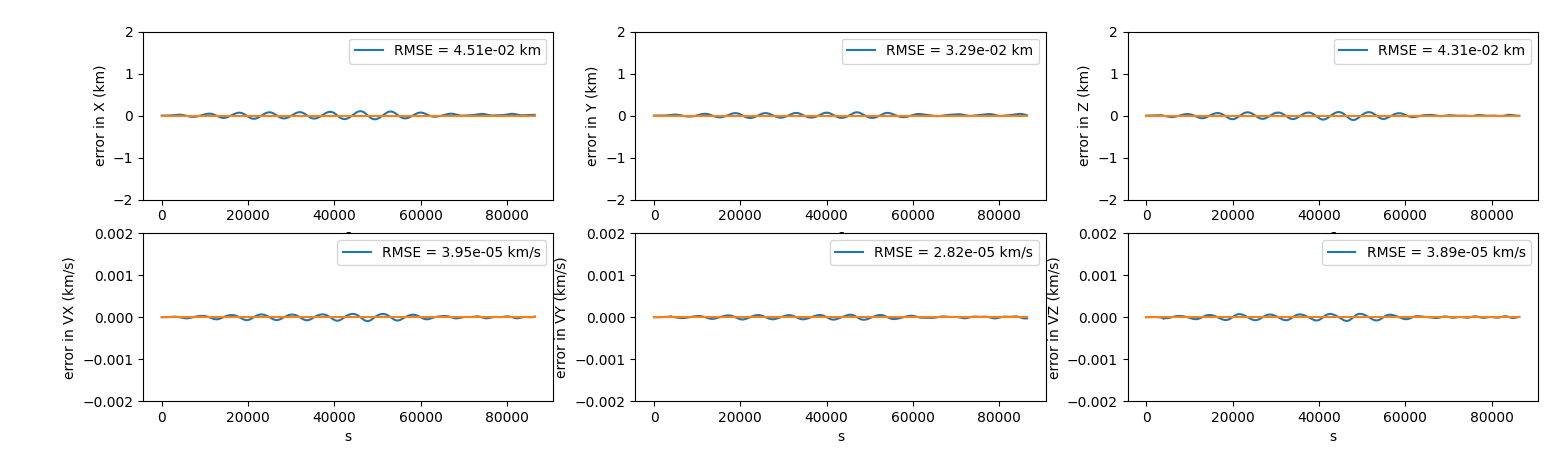
Description automatically generated with medium confidence

Exp1) 1day, 30s, New (70\*70): CT = 4.19s

**A graph of a graph

Description automatically generated with medium confidence**

Exp2) 1day, 30s, New (350\*350): CT = 37.6s

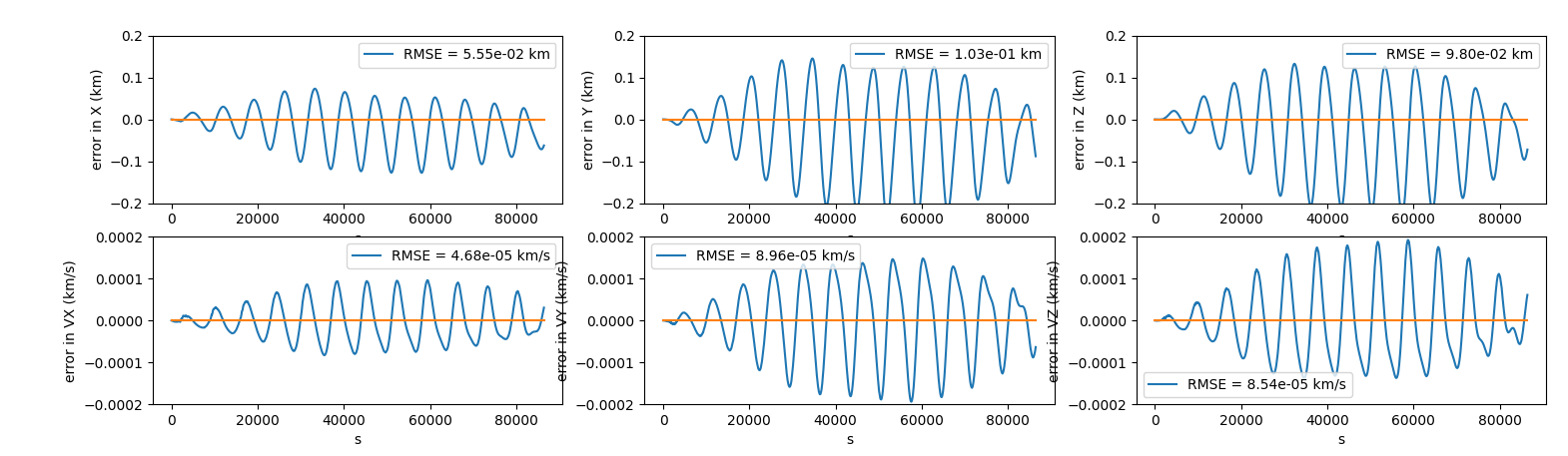


A graph with a line

Description automatically generated

CCL There’s a real improvement of the GRAIL geopotential model 🡪 Keep

After LOLA: Ref = 2021 Feb 01, 1day, 30sec: 5.5s



**Study 6: Implementation of Lunar Solid Tide**