

Field test of the small-sized absolute gravimeter FG5L

Mituhiko Sugihara[1]

[1] GSJ

A new type of small-sized absolute gravimeter FG5L was introduced to Geological Survey of Japan. A 25 minutes measurement gave us a 1 mGal precision at GSJ, on the other hand 1 0.05-0.1 mGal at Ohgiri geothermal field. The precision necessary for a base station of gravity monitoring can be achieved by iterative measurements for a week at such a quiet site as Ohgiri.