

## Preliminary analysis of superconducting gravimeter records at Inuyama Station

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A new CT-type superconducting gravimeter (SG) was installed at Inuyama station (INU) in 1999. Because of some troubles on the SG itself and the data logging system, stable observation started in June 2001. At INU STS-1 seismometers were installed in 1986 by the GEOSCOPE project. To assess performance of the SG we created low-frequency seismograms of large earthquakes and average power spectral density at normal-mode band in seismically quiet intervals from SG records, and compared them to those from STS-1 records. The result showed that seismograms from both sensors were almost identical, but noise level of the SG records was higher than that of the STS-1 records.