

## Reanalysis of the MT response in the Shikoku district

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We report re-evaluated Network-MT MT response functions of Shikoku area, Japan, to restrict the previous resistivity models. There are some differences in resistivity models: the resistivity of area corresponding to lower crust of central Shikoku is 10 k ohm-m, but the resistivity of lower crust of west and east Shikoku is a few hundred ohm-m; Under Kii Peninsula the resistivity of region where deep low-frequency tremors occurred is very low, but the low resistivity region is not found under west Shikoku. Accurate MT response functions in the period range of 100 - 10000 sec are useful to solve these problems.

Keywords: Network-MT, MT response, Deep low-frequency tremor