E011-006 Room: 301A Time: May 29 16:30-16:42

Experimental results of hight frequency electric field transmission in the Nojima borehole site

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To investigate propagation of electric signal along active fault, we have conducted the underground transmission experiment using electrodes installed in the nojima borehole site.

Measured field strength is compared with the value calculated from a model. As a result it is about 10 times larger. It is interpreted that attenuation is rather low along the active fault.