

## On a continuous transmission experiments of the Tono EM-ACROSS system

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This study reports a result of our continuous transmission experiment of the Tono EM-ACROSS. We operate this system continuously and investigate its stability. We simultaneously observed the electric field at a point 500m apart from the source. By the monitoring of the source signal, we could examine the stability of the transmitter. Using this stable system we could obtain the transfer function between the source and received signals. The velocity of the observed electromagnetic wave is about 5m/micro-second. This result is consistent to the case that the resistivity of the ground is 100 Ohm-m.