

An observation system for VLF wave pulse related to earthquakes

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We have observed anomaly waves in VHF band at Nishi-Chiba campus in Chiba city since 1998 to investigate relation to earthquakes.

It is not sufficient, however, to observe only in VHF waves because the relation would be in wide frequency range of electromagnetic wave.

We, therefore, installed a vertical antenna and loop antennas in Tateyama, Chiba prefecture to observe VLF radio waves.

As the first stage, we have constructed a VLF pulse counter system with simple design and employment. Observations have been started since February, 2000.

Relation between pulses with VHF data and weather as well as earthquakes will be shown.