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Test Experiments of TOF-USANS for the JSNS. K. Aizawa¹, T. Yokoo², and M. Arai^{1,2}, ¹Neutron Science Research Center, Japan Atomic Research Institute, Tokai 319-1195, Japan, ²Neutron Science Laboratory, Institute of materials Structure Science, High Energy Accelerator Research Organization, Tsukuba 305-0801, Japan.

In order to develop the TOF-USANS method for the JSNS, we are performing test experiments. The main purposes of these experiments are separating the harmonics of the rocking curve of the second crystal at a double crystal diffractometer, and verifying the harmonics dependency of the reflection width. Firstly, we measured TOF spectra of flat and channel cut Si crystals to characterize the nature of various type of crystals at pulsed-neutron source KENS. Secondly, we are measuring the rocking curve of the second crystal, using a disk chopper to generate pulsed neutron at JRR-3 reactor, JAERI. The results will be report at the meeting.