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Experimental Setup on 5.7 MeV Microtron for Investigation of Vacuum Ultraviolet and Ultrasoft X-Ray Radiations Generated in Multilayered Mirror

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Experimental setup on the base of 5.7 MeV microtron for investigation of the radiation in the ultrasoft X-ray and vacuum ultraviolet region generated at incidence of relativistic electrons on the surface of a multilayer X-ray mirror is described. The results of the first test experiments carried out for observing the contribution of parametric radiation in generated X-rays are also presented.

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