

ORBITAL EXPERIMENT FOR $10^{11} - 10^{15}$ eV ENERGY RANGE PRIMARY COSMIC RAY'S ELEMENT COMPOSITION AND SPECTRUM INVESTIGATION

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In the context of the state programme “Cosmic activity development of Republic of Kazakhstan in 2008-2020 years” an orbital experiment (ORBital EXperiment – ORBEX) for primary cosmic ray's energy spectrum measurement with separate resolution by charge from proton to zinc in $10^{11} - 10^{15}$ eV energy range have been suggested. Scientific apparatus of the ORBEX project is suggesting to deploy as an additional loading at a new serial Kazakhstan's satellite aimed to remote sensing. The experiment duration is 5 year.