

## **Status of the scientific data acquisition system for the GAMMA-400 space telescope mission**

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The present status of scientific data acquisition system (SDAQ) developed by SRISA for the GAMMA-400 space telescope mission is presented. SDAQ provides the collection of the data from telescope detector subsystems (up to 100 GB per day), the preliminary processing of scientific information and its accumulation in mass memory, transferring the information from mass memory to the satellite radio line for its transmission to ground, the control and monitoring of the telescope subsystems. SDAQ includes special space qualified chipset designed by SRISA and has scalable modular net structure based on fast and high-reliable SerialRapidIO 1.25 Gbit/sec interface.

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