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## **About an anomalous event registered by the TUS space detector**

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In this work, anomalous events recorded by the TUS space detector are considered. In this research we try to give interpretation of this anomalous events, which, mostly, are caused by the thunderstorm activity. Different interpretations of this events like gamma-ray bursts, synchrotron radiation in the geomagnetic field of electrons/positrons in cosmic rays, an ascending extensive air shower, as well as their hardware nature was considered as their possible sources. An analysis of these events may for the first time confirm the connection between thunderstorm activity and extensive air shower.

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