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Title

TUMnanoSAT flight model nanosatellite

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Patent no.

Project Nr. 20.80009.5007.09 "Development and launch of the series of nanosatellites with research missions on the International Space Station, monitoring, postoperating and promoting space technologies"

**Description
EN**

The TUMnanoSAT nanosatellite was developed and manufactured by the Space Technology Center of the Technical University of Moldova, being selected in the 4th round of the KiboCube program promoted by UNOOSA and JAXA. This nanosatellite has a list of technology missions in order to verify the functionality of future satellite modules and subsystems.

Also, there is one research mission - to study the functionality and reliability of nanosensors in space radiation conditions.

TUMnanoSAT is ready for launch and inserted into the JSSOD launch deployer from JAXA. TUMnanoSAT will be delivered to International Space Station (ISS) with SpaceX CRS-25, which is a Resupply Service mission to the ISS planned to be launched in June 2022 with Cargo Dragon.

Class

14. Other - Space Technologies ; 10. Information Technology and Communication