

Lessons from the SpooQy-1 satellite

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Abstract

SpooQy-1 was a nanosatellite developed by the Centre for Quantum Technologies (Singapore) to demonstrate entanglement generation in space, as a pathfinder for more ambitious satellite to ground experiments. The satellite was deployed in June 2019, and spent 28 months fully operational in low Earth orbit before burning up on re-entry. I will review some of the major results and data that have been collected over the lifetime of the satellite and discuss how it will guide future in-orbit demonstrations and experiments.
