

SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM (B2)
Near-Earth and Interplanetary Communications (6)

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TELEMETRY FOR COBO PROJECT

Abstract

The COBO project consists in a multistage rocket launched from an ultra-high altitude balloon. We are presenting the Telemetry system that will be used to transfer data in and out of the balloon as well for the rocket and the payload.

The architectural model of data processing is described here, and environment conditions are also taken into consideration; some of this environment conditions impel us to run vibration, cooling, heating, radiation and other kind of simulation and tests over the circuits and telemetry devices in order to achieve the mission requirements.