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연구문헌정보 연구개발동향 정보광장 소파

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해외연구초록

STAR > Astronautics > Communications, Command and Tracking

TITLE High Explosive Radio Telemetry on Exoatmospheric Re-entry Flight Vehicle

Corporate Source Los Alamos National Lab., NM USA

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keyword Radio Telemetry; Reentry Vehicles

results of the test, including a comparison of simulation and Hight test data exoatmospheric re-entry flight vehicle. Recent tests have been performed at Kwajalein Pacific test range to verify proximity to an explosive event, data has never been collected in HERTs intended environment-a speeding, rotating, watt transmitter is attached which is operated in pulse mode. Though HERT has successfully taken data in close approximately 13 cubic inches in size and has optical inputs. It consumes about 5 watts of input power. A modular 10microseconds. Data redundancy and error detection is included in the encoding format. The main telemetry module is events are captured and timed with 10-nanosecond resolution. All data is initially transmitted in less than 20 achieve a maximum data rate of 100 Mbps during a destructive event. Sixty-four channels of nearly simultaneous theoretical data. This paper will discuss some background on the HERT system, the 16-QAM constellation, and the The High Explosive Radio Telemetry (HERT) is a telemetry system that utilizes a novel polar differential 16-QAM to

jç AIAü±Ü Achieving QoS for Aeronautical Telecommunication Networks Over Differentiated Services

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