



028-CM

Design and Implementation of CubeSat Communication System

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Communication at NARSS

This project aims to provide a link to relay data findings and send commands to and from the CubeSat. Telemetry and command subsystems will ensure continuous communication between the ground station and the CubeSat

The CubeSat communication system is composed primarily of the telemetry and command systems, which send and receive data, respectively. Analog and digital data collected by the sensors and payload of the satellite must be relayed to the ground station via the telemetry system, which is composed of a transmitter that acts much like a “modem in a computer”.

A simulation analysis are carried out for the analysis by Arduino Mega 2560 and C + program . The analysis carried for received data from ground station or cubesat Also analysis carried out for check the data by Cyclic redundancy The results show that the data is extremely verification.