

As of this point in time, our telemetry system is functioning. Our 360° system has been completed. The system successfully transmits 360° video from the rover to an offsite computer. We just need to test the system and the casings while the rover is moving. Once the rover is ready, we will be able to test the system in action. Our current testing does not reveal any design flaws.

Our analog telemetry system has not been thoroughly tested yet. We were able to test the range of the transmitter and the receiver, but we have yet to hook up the raspberry pi. Once the coding for the raspberry pi is finished, it will be hooked up to the system. Then we will be able to make a casing, so it can be mounted on the rover. Then we will be able to test. Our current tests have shown that we need to change our antenna setup in order to improve performance.