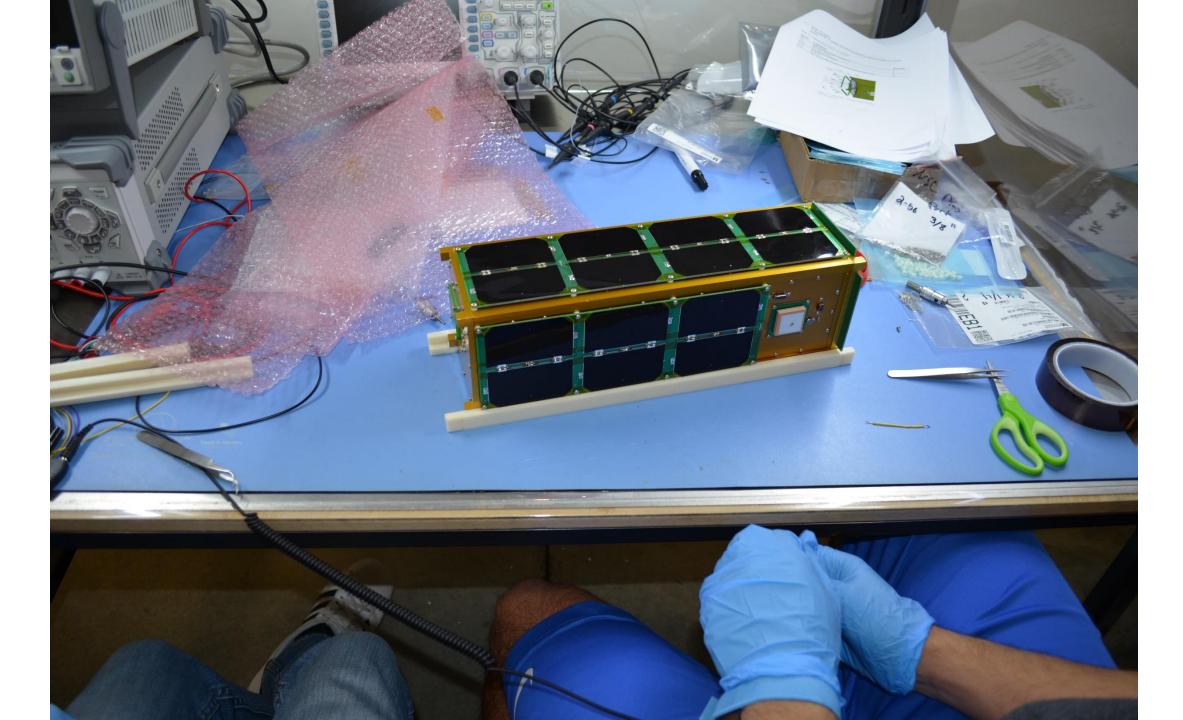


University of Southern Indiana UNITE Team, Fall 2017

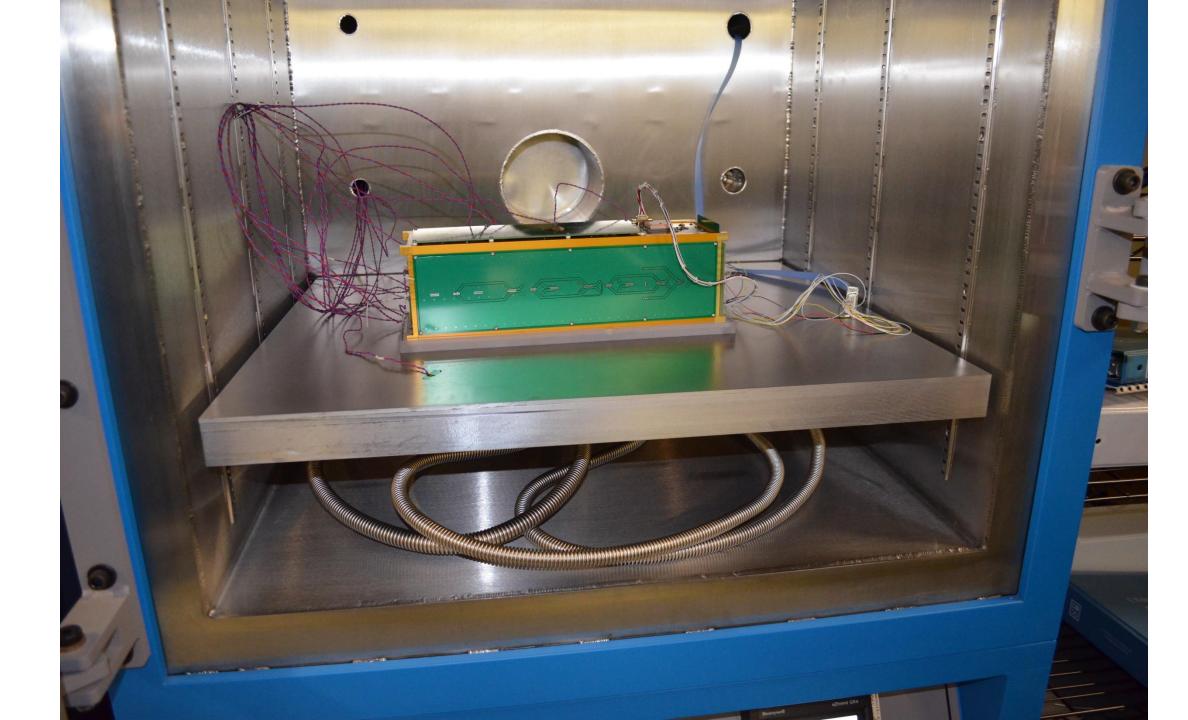


University of Southern Indiana UNITE Team, Fall 2018

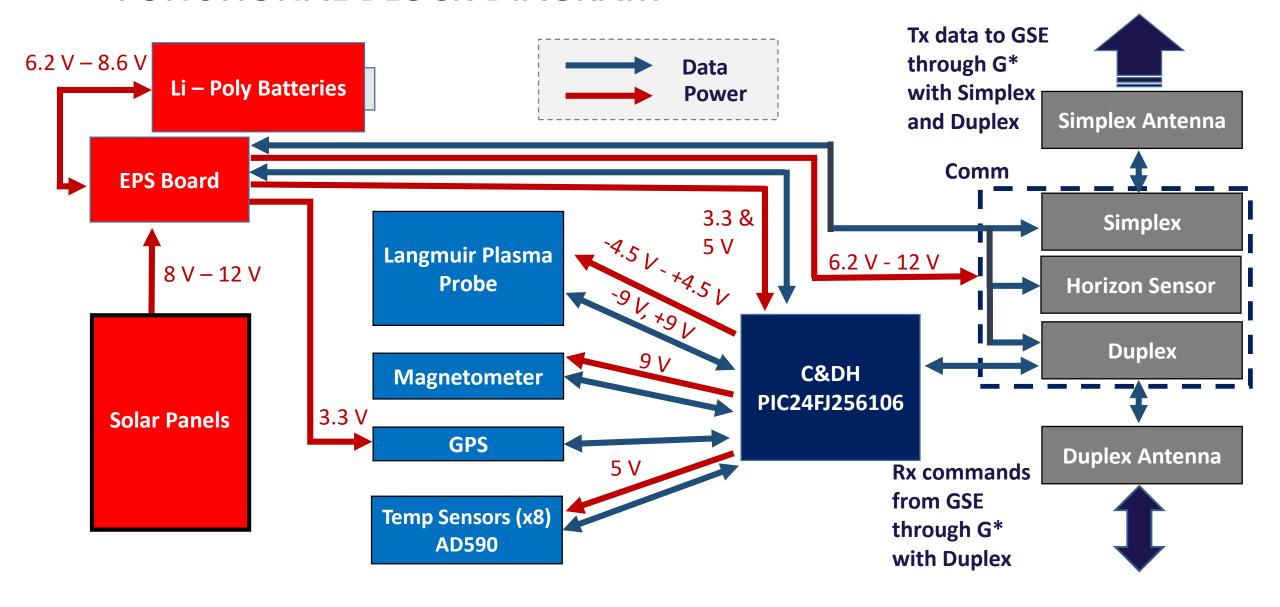




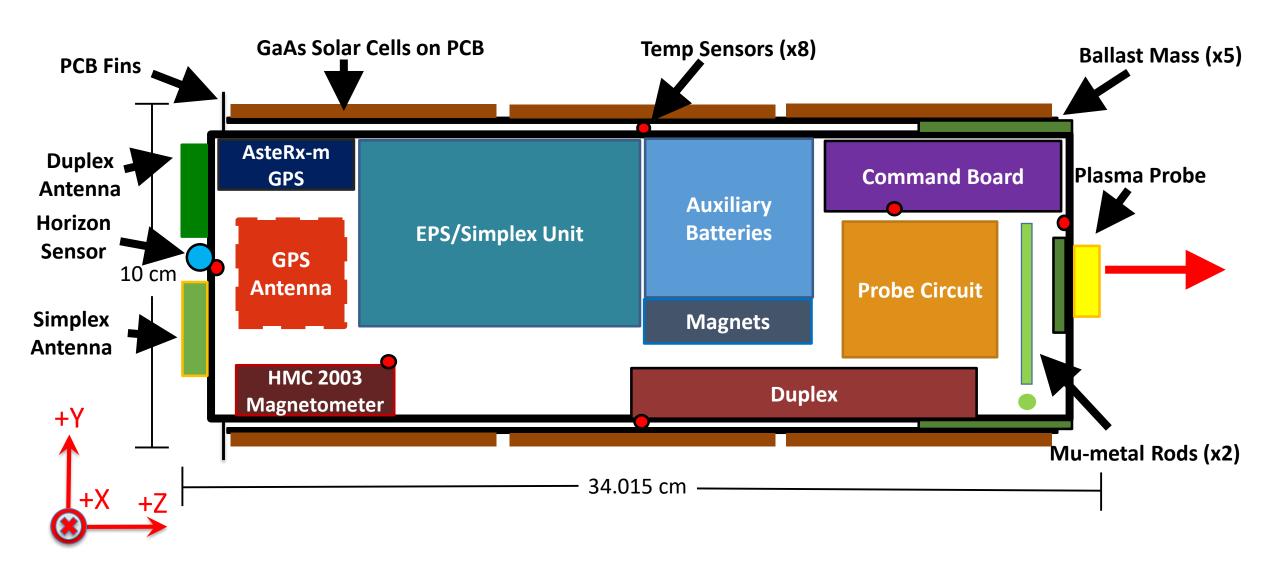


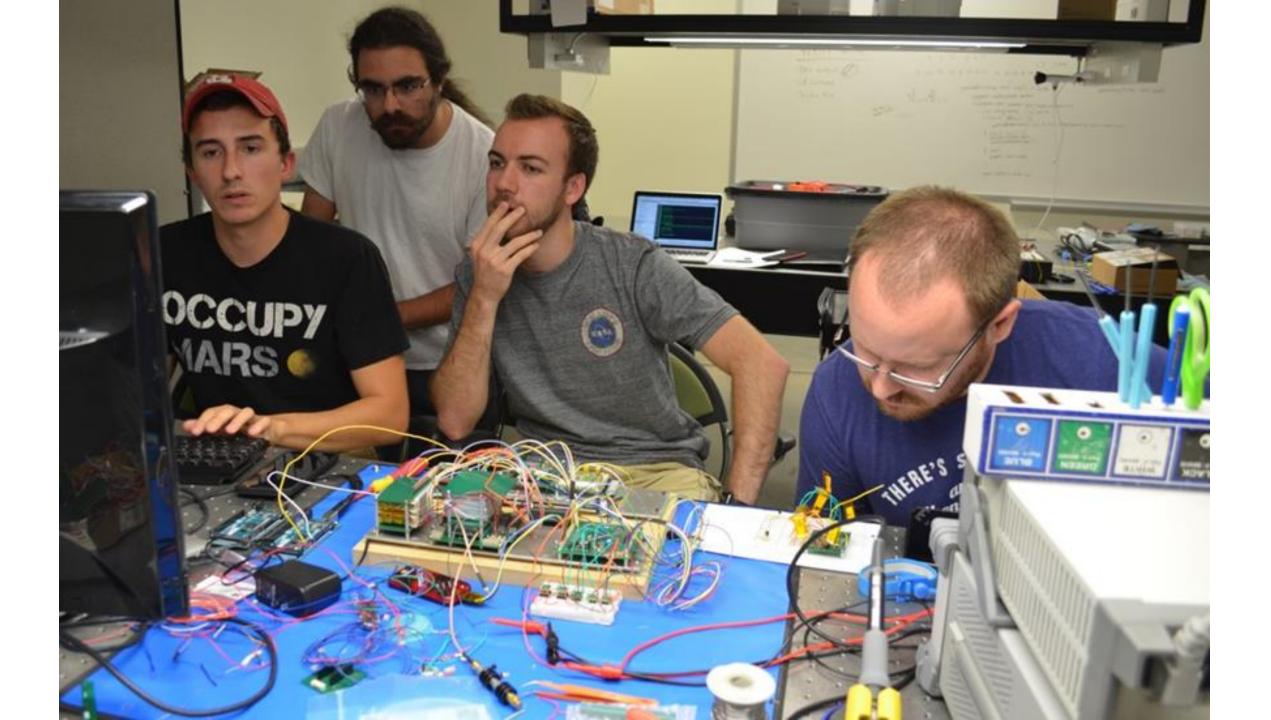


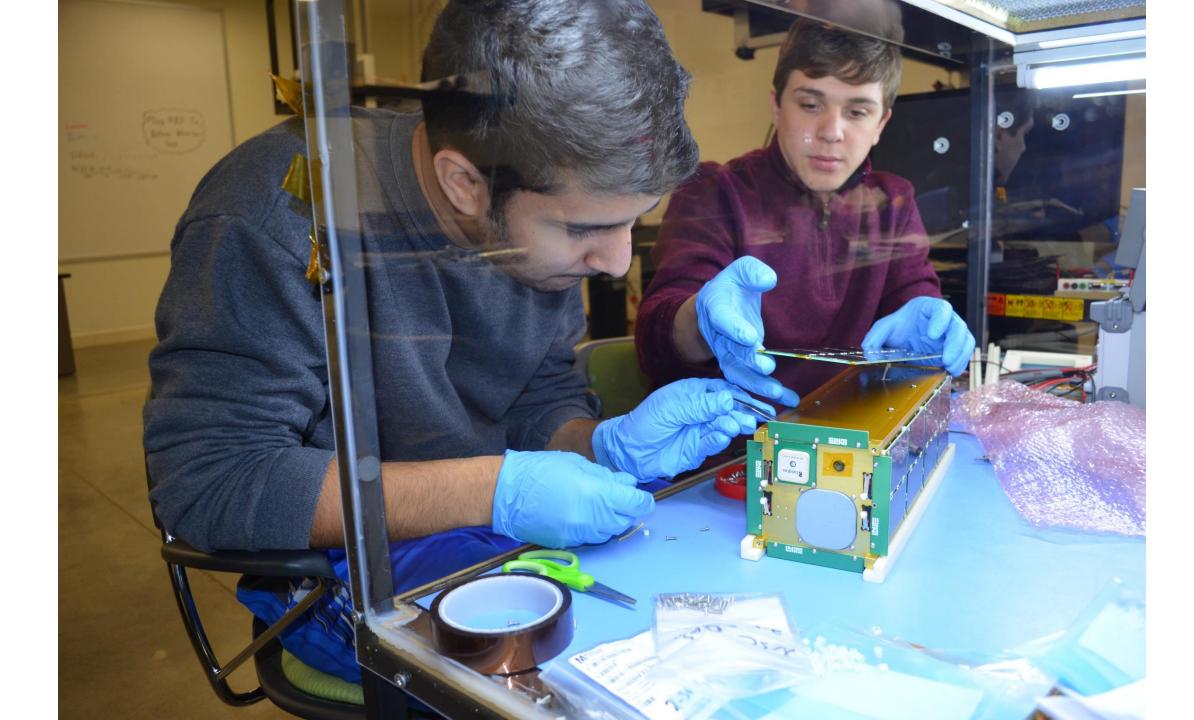
FUNCTIONAL BLOCK DIAGRAM

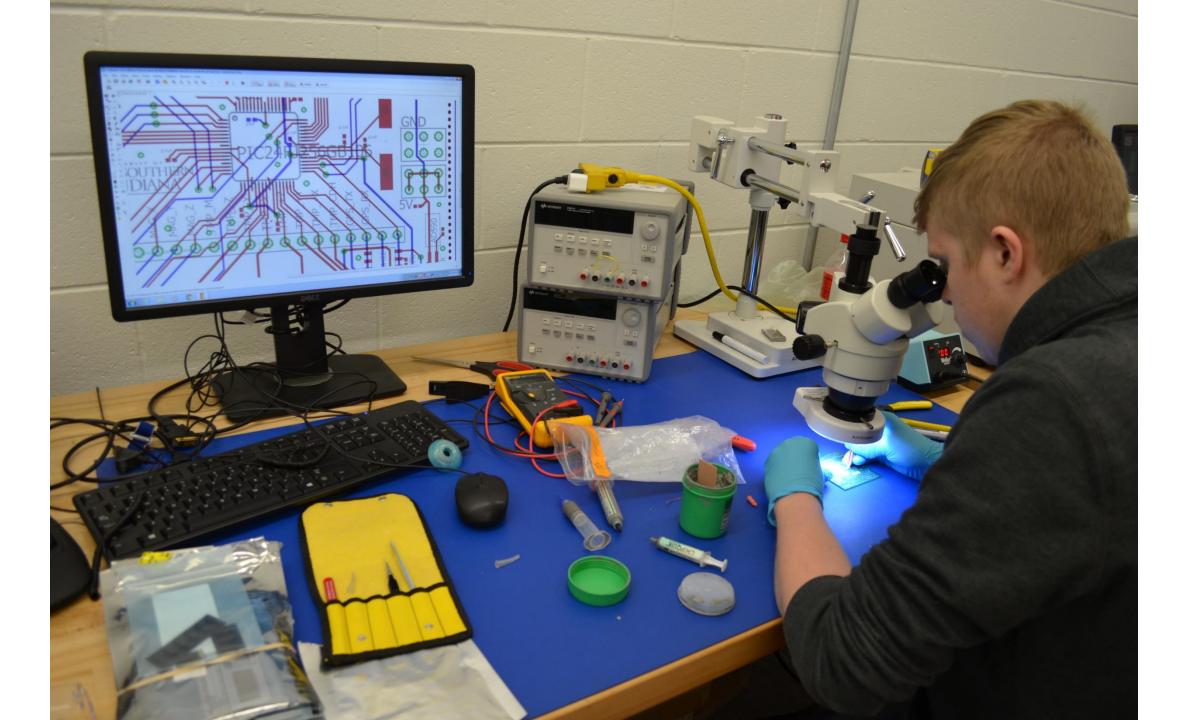


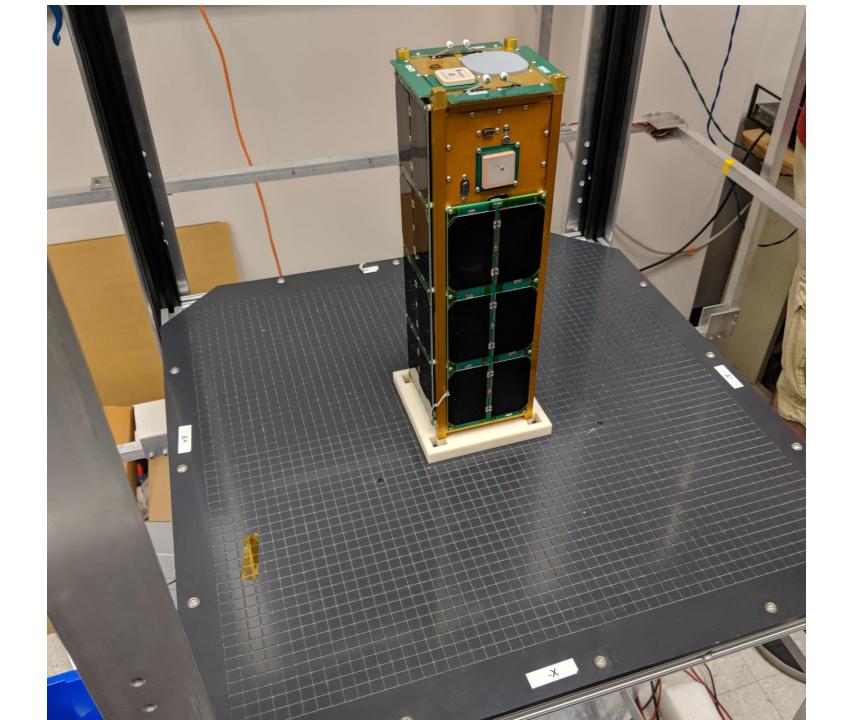
MECHANICAL BLOCK DIAGRAM













UNITE Distinctives

University of Southern Indiana's first spacecraft

First spacecraft by a public institution in Indiana

• First NASA-USIP CubeSat deployed in orbit

References

G. Kissel, R. Loehrlein, N. Kalsch, W. Helms, Z. Snyder, S. Kaphle, UNITE CubeSat: From Inception to Early Orbital Operations, SSC19-WKI-08, AIAA/USU Conference on Small Satellites, Logan, UT, 2019, 3 – 8 August.

Ryan Loehrlein, Nathan Kalsch. 2019. "Lessons Learned from an Undergraduate University's First CubeSat," Proceedings of the International Astronautical Congress, Educational Pico and Nano Satellites, IAC-19. E2.4.3x51495.