

Fig. 2: GS GUI

Updates:

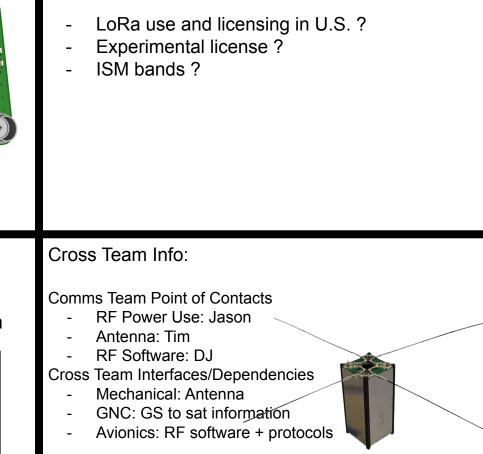
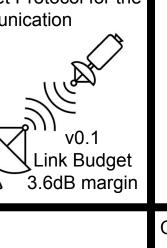
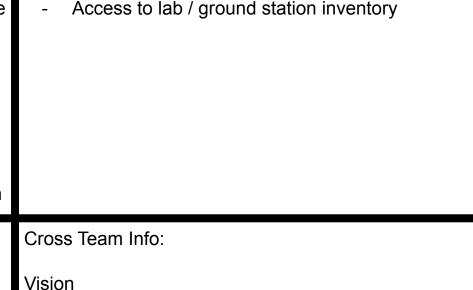


Fig. 3: Turnstile Antenna

Possible Blockers:

**Updates:** Selected the CSDC Space Packet Protocol for the satellite <> ground station communication PACKET DATA FIELD PRIMARY USER DATA FIELD SECONDARY HEADER Variable Fig. 1: SPP





May need to transmit image in parts (dividing in 4 parts

Milestones:

This week

Link Budget v0.1

SPP + low level RF libraries

Antenna trade study / analysis

Next week Link Budget v0.2

RF pHAT assembly, board bringup Pi-Pi RF communication

should transmit in 4 passes) Any data that teams will need to communicate from ground <> satellite, please share with D.J.

Possible Blockers:

Will develop database with message IDs and data field formatting.

Image transmission format

Jpdates: - Assembled 2 x Ground Station pHATs - Link Budget v0.2 - SQL Command Database	CONTROL OF THE PROPERTY OF THE	Poss -	ible Blockers: Access to 2 x initial LoRa co
Milestones:		Cross Team Info:	
his week - Ground station pHAT assembly - Link budget v0.2		-	Continue to so variables (Vba GNC: Attitude
Vext week  - Continue initial satellite <> ground station command database file  - Setup demonstration of satellite <> ground station			

communication (Digital only, packet passing)

Assemble another ground station pHAT

