Technology Readiness Level (TRL):
A common language to describe maturity of technology/systems

TRL Group	Level	Description	Phase
TRL 6-8 System Subsystem Development	9	Actual system "flight proven" through successful mission operations	**TRL 8-9** System Test, Flight &Operations
	8	Actual system completed and "flight qualified" through test and demonstration (Ground or Flight)	
	7	System prototype demonstration in a space environment	
	6	System / subsystem model or prototype demonstration in a relevant environment (Ground or Space)	**TRL 5-6** Technology Demonstration
TRL 3-5 Technology Development	5	Component and / or breadboard validation in relevant environment	
	4	Component and / or breadboard validation in laboratory environment	
	3	Analytical and experimental critical function and / or characteristic proof-of-concept	**TRL 2-3** Research to Prove Feasibility
TRL 1-2 Basic Technology Research	2	Technology concept and / or application formulated	
	1	Basic principles observed and reported	

TRL ⬆ Maturity ⬆