Technology Readiness Levels

Industry Role	System Test and Operations	Level 9	Actual system flight proven or operational flight
		Level 8	Actual system completed and “flight qualified” through test and demonstration
	System/Subsystem Development	Level 7	System prototype demonstrated in flight environment
Government Role	Technology Demonstration	Level 6	System/subsystem model or prototype demonstrated/validated in a relevant environment
		Level 5	Component and/or breadboard test in a laboratory environment
	Technology Development	Level 4	Component and/or breadboard test in a laboratory environment
	Research to Prove Feasibility	Level 3	Analytical and experimental critical function, or characteristic proof-of-concept
		Level 2	Technology concept and/or application formulated (candidate selected)
	Basic Technology Research	Level 1	Basic principles observed and reported