Tier	Tier Test Cases		Tier Reasoning
2202	Test Case ID	Test Case Name	
	LAT00x	LAT Power On	The LAT must be power on, off, and put in a state where science data can be taken before anything else.
1	LAT01x	LAT Power Off	Performed in config 1, possibly config 2.
	LAT04x	Establish Science Operations Config	
	LAT22x	Science Operations Demo	
	LAT30x	ACD CPT	Detector hardware performance verification is of the next highest priority.
2	LAT40x	CAL CPT	
	LAT50x	TKR CPT	
3	LAT07x	LAT Energy Measurement Calibration	Understanding the timing and interaction of the entire Instrument is a high priority.
	LAT21x	LAT Timing Measure & Adjust	
4	LAT03x	Electrical Power Subsystem Performance	External interface hardware verification tests.
	LAT13x	LAT/Spacecraft Interface Test	
5	LAT02x	LAT Reinitialization	Demonstrate the ability of EPU/SIU hardware/software to perform basics such as boot, memory dump,
	LAT06x	SIU/EPU Hardware Functional	manage files, and reprogram.
6	LAT15x	LAT Ambient TCS Test	Remaining hardware verifications.
		LAT Survival Heater Test	
		LAT Light Tight Test	
	-	Tier 1-6 tests in Configs 2-6	
	LAT650	LAT False Triggers	SVAC/ETE tests.
7	LAT660	LAT Data Transport Errors	
	LAT70x	LAT SVAC Flight Config on Ground	
	LAT711	LAT SVAC Muon Calibration	
	LAT8xx	End-To-End Committee Recommended	
8		LAT Safe Modes	Hardware/Software interface tests.
		LAT Science Modes	
9	LAT20x	LAT Science Performance Diagnostics	LAT Level demonstrations. Mostly software, GRB interface.
	LAT23x	LAT GRB Handling	
	LAT17x	LAT Conducted & Radiated Emmissions	LPTs not required until Post Ship LAT CPT at NRL. EMI test cases not required until EMI test at
10		LAT Conducted & Radiated Susceptibility	NRL.
		ACD LPT	
		CAL LPT	
	LAT51x	TKR LPT	