Radiator: determine	sorface treatment (coatings (flight tester))
	radiatos area (m²)
	operational heater power as $f(+)$ over lookit for solstice & equinox survival heater power as $f(+)$ over lookit for solstice dequinox
	survival heater power as +(+) over lookit for solstice dequinox
Power - P=20W	
Orbit - geostationary	- Earth IR + albedo loading can be ignored
	ontinually madir pointing, radiator mounted on trailing surface
Operational Thermal Requireme	orts - instrument shall be maintained between 20°C and 30°C (no margin)
6	- maintained > - 40°C when instrument powered oft (no morgin)
	heatload will vary w/orbital environment
	Winter Solstice 88 W/m2
	Summer Solstice 63 WIMZ
	Eclipse 11 Wl m2
+ C C C C C C C C C C C C C C C C C C C	
0 in = Pin + 11	R + Solar + Heater 500
	· · · -
	na Sun

Q,