GLAST DETECTOR TESTS

QA of 4" HAMAMATSU PROTOTYPE TOWER SI SENSORS

use vacuum tip to handle detectors

use gloves

Careful:

	avoid contacts with metal	
Standard	Measurements to be performed:	Set of sensors
1.1 1.2 1.3 1.3.	visual inspection both sides (scratches etc) mechanical dimensions overall outside dimensions @ 4 corners distance of bias line - edge at 3 places per edge	
2. Measu 2.1 2.2	,	all all
3. Measu 3.1 3.2		all all
4. Measu 4.1 4.2 4.3 4.4 4.5 4.6	resistance of Al metal	1/batch 1/batch 1/batch 1/batch 1/batch 1/batch
5. Measu 5.1 5.2	rements with read-out check that bypassing works on shorted capacitor noise	once few
6. Radiat 6.2 6.2	ion Measurements with ⁶⁰ Co in steps of 5, 10, 20kRad Repeat Measurements 2.1, 2.2, 3.1, 5.2 after every step Repeat 2.1, 2.2, 3.1, 3.2, 4.1, 4.2, 4.3, 4.4, 5.2 after 20kRa	