EUROGAM Project

Proposal for a stantard H.V. controls log book

Edition 1.0
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Object: make a repertory of the characteritics of high voltage for each detector – log book to be built progressively from the tests of the equipement –. The results from this log book will be analysed to set the experiments controls.

Voltage and current values used for the EUROGAM detectors with the Lecroy HV 1400 series power supply: set of parameters to be used for setup and control of experiment

RESULTS OF TEST

(a) detector identification from higher level user interface

(b) detector id, example:

- GUOC17 serial number for Ge
- BGO id and PM id for BGO

We need one such sheet for each Ge detector and its BGO shield.

Please give us any comment on further information eventually some
feed back on evolution of current versus count rate for BGO and current critical value for Ge (warming up).

REFERENCE SHEET =

detector (a)	detector id (b)	voltage (volts)			observed output current (μA)		current limit	
		value	accepted fluctuation	ramp value	min	max	DC (μA)	AC (μA)
GE								
BGOa								
BGOb								
BGOc								
BGOd								
BGOe								
BGOf								
BGOg								
BGOh								
BGOi								
BGOj								