

ECOGAS status of the system

G. Rigoletti



EP-DT
Detector Technologies

Status

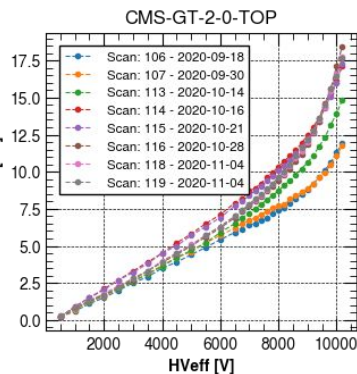
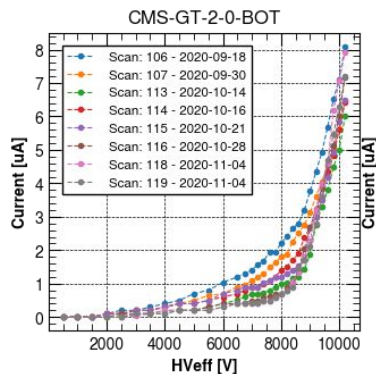
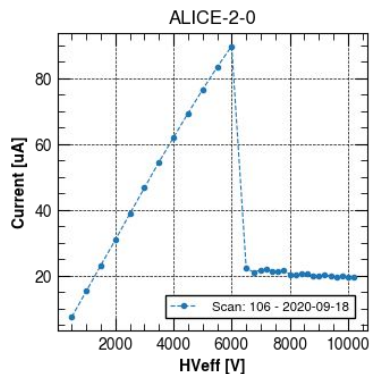
- CMS-KODEL, CMS-GT, EPDT Irradiating with standard gas mixture:
<https://rpcecogas.web.cern.ch/rpcecogaselog/87>
- Sometimes chambers are switching off without clear reasons
 - My guess is that ABS is too high and currents are tripping before webdcs can react
 - Webdcs doesn't switch them on -> Alarm needed?

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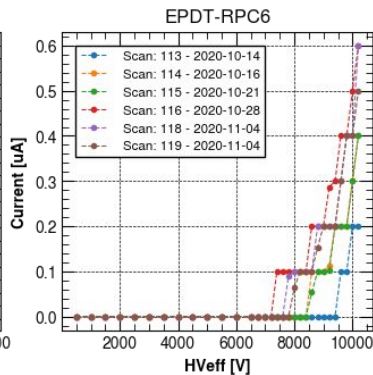
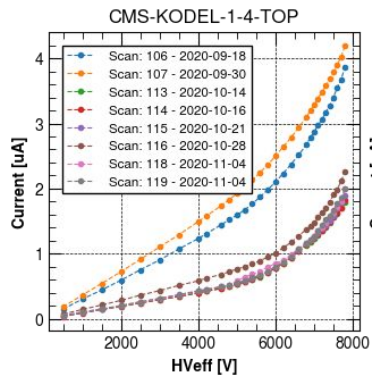
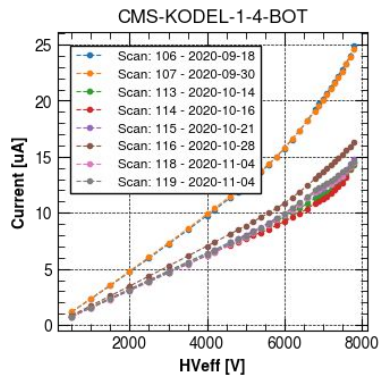
- Main Utility Setup Groups View Admin
Group 00
Channel Name V0Set I0Set VMon IMon Pw Status Ch#
ALICE 15 V 99.00 uA 2 V 0.00 uA Off 02.0000
ATLAS 0 V 99.00 uA 1 V 0.00 uA Off 02.0001
CMS-K-TOP 6877 V 90.00 uA 0 V 0.00 uA Off 02.0002
CMS-K-BOT 6877 V 90.00 uA 5 V 0.01 uA Off 02.0003
---- 0 V 99.00 uA 1 V 0.00 uA Off 02.0004
---- 0 V 99.00 uA 1 V 0.00 uA Off 02.0005
---- 0 V 99.0 uA 4 V 0.0 uA Off 04.0000
---- 0 V 99.0 uA 0 V 0.0 uA Off 04.0001
---- 0 V 99.0 uA 1 V 0.0 uA Off 04.0002
cms-gt-top 9432 V 280.0 uA 9430 V 139.8 uA On 04.0003
cms-gt-bot 9432 V 280.0 uA 9433 V 113.5 uA On 04.0004
EP-DT 9432 V 280.0 uA 9433 V 128.8 uA On 04.0005
  
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Channels Display/Edit Screen LocEn V0 I0 N ♦ CAEN SY1527

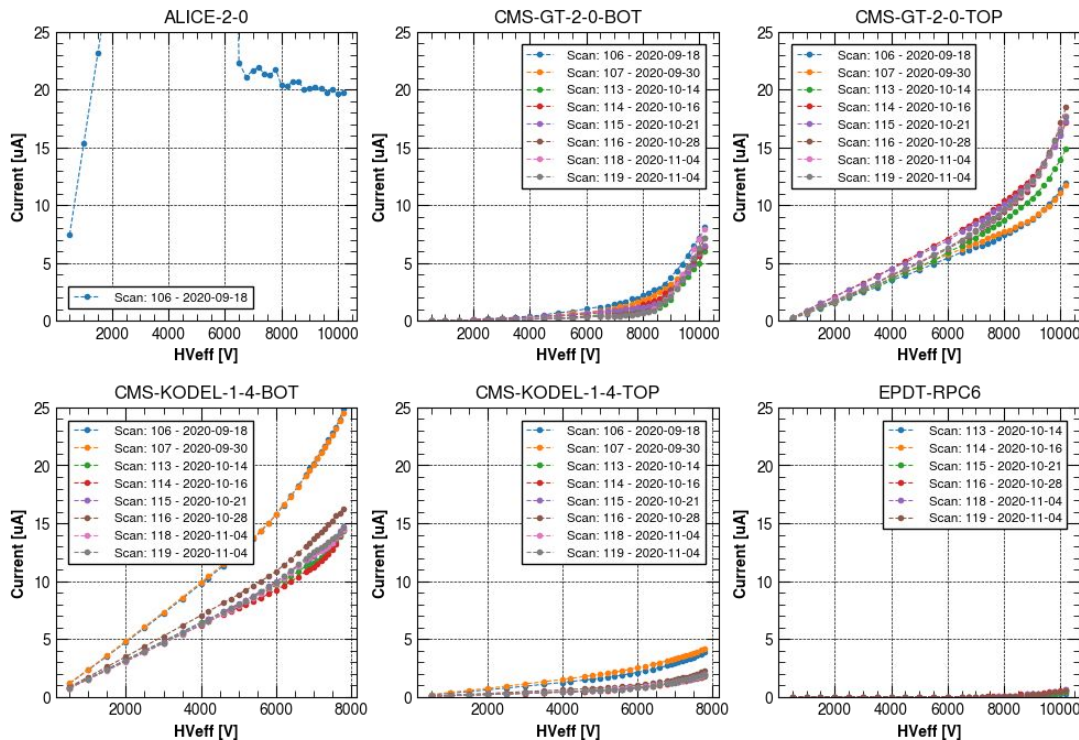
Comparison HV scan with STD mix.



- EPDT Chamber performance stable
- KODEL chamber performance improved
- CMS-GT chamber performance stable



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