Publication about sensor tests

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Publication and figures

1. project insert: currently its still different, "LUXE", "LUXE ECAL-P", "LUXE ECAL-p" or nothing. What is agreed with Tom is "LUXE ECAL". (there was an e-mail distributed by aharon an me)

hence, please change this in your plots, and let me know where i can find them after. or replace them in the overleaf repository, but remove the old ones.
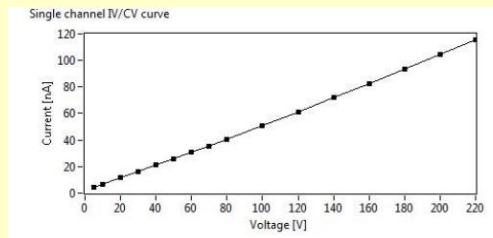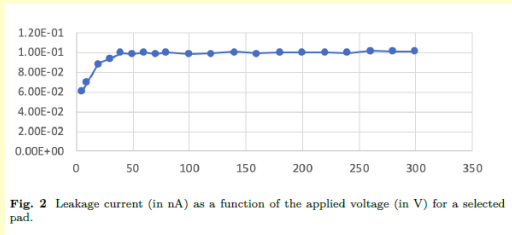
2. Figure 1: Its still blurred. please make a photo of quality like figure 3.

3. Figure 2: axis labels and style like in figure 5.

4. Figure 6 is nice now. i am a bit confused about the caption, the red and blue lines are related to "top" and "bottom", but it seems to me it is more complicated. or what precisely means "top" and "bottom" ???

5. Figure 10: "frequency density" sounds a bit strange to me. may be "normalised number of Entries"?

6. Figure 11: again "density", i think its simply "Entries" (Melissa uses "Events", may be for sake of consistency, Melissa, use also "Entries")

Figures

7. Figure 12: should be replaced. I discussed this with Shan

8. Figur 13: still missing

9. Figure 16: when Melissa changed to "Entries" at the y axis it is fine, but "LUXE ECAL"

10. Figs 21, 22, 23: "LSB" is a term used in electronics, should we explain it, or use "ADC units" as in the text. i would prefer the latter.

11. currently i am looking on Melissa's plots to write a few sentences about 'cross talk' in case electrons hit the traces of the GaAs sensors. I asked Melissa for some more plots.

12. about cross talk in case of Kapton PCBs there seems to be nothing. Marek and Yan, we started to make an estimate from capacitances, can we come to a conclusion here, to give an upper limit at least???

13. Dawid, you did not give the number (near 1) needed to get agreement between the peak values in Figure 16.

14. Mihai, what a bout a similar figure like figure 16 for GaAs. the latter i would not want to show, but i would like that we have also here a consistent result

ASSOCIATION

Figures

- Leakage current plots – same style, axes ticks etc.

Fig. 2 Leakage current (in nA) as a function of the applied voltage (in V) for a selected pad.

Alignment plot before/after