

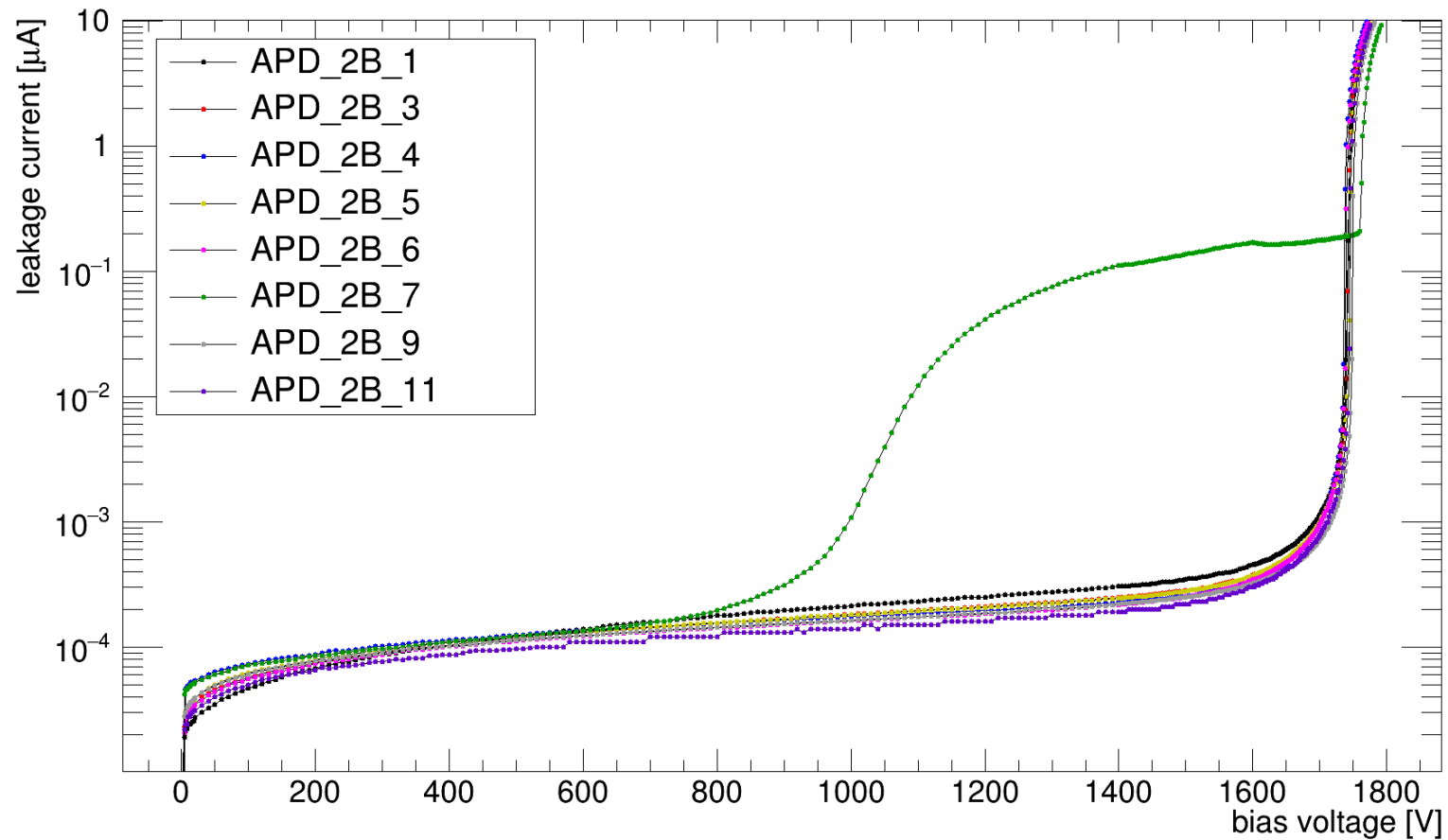
CV/IV and TCT on unirradiated 2x2 APDs

Sofía Otero Ugobono
Meeting 04/04/2017

CV/IV

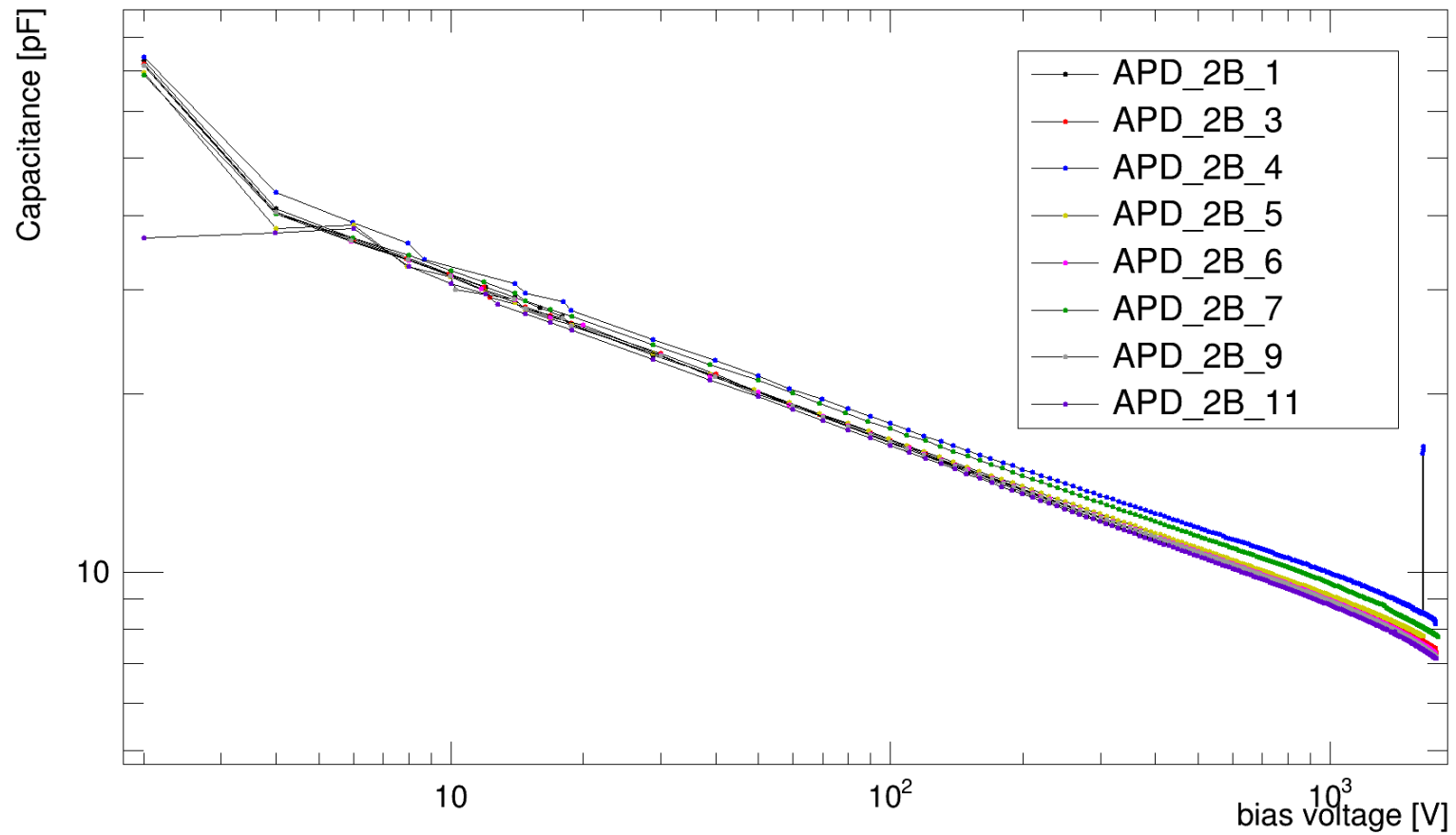
IV curves at -20°C

I -- V : HFS @ -20°C



CV curves at -20°C

C -- V : HFS @ -20°C - Unirradiated



TCT XY scans
2 samples*

I will make available a document with all the scans to keep it for future reference.

Sample: APD_2B_1

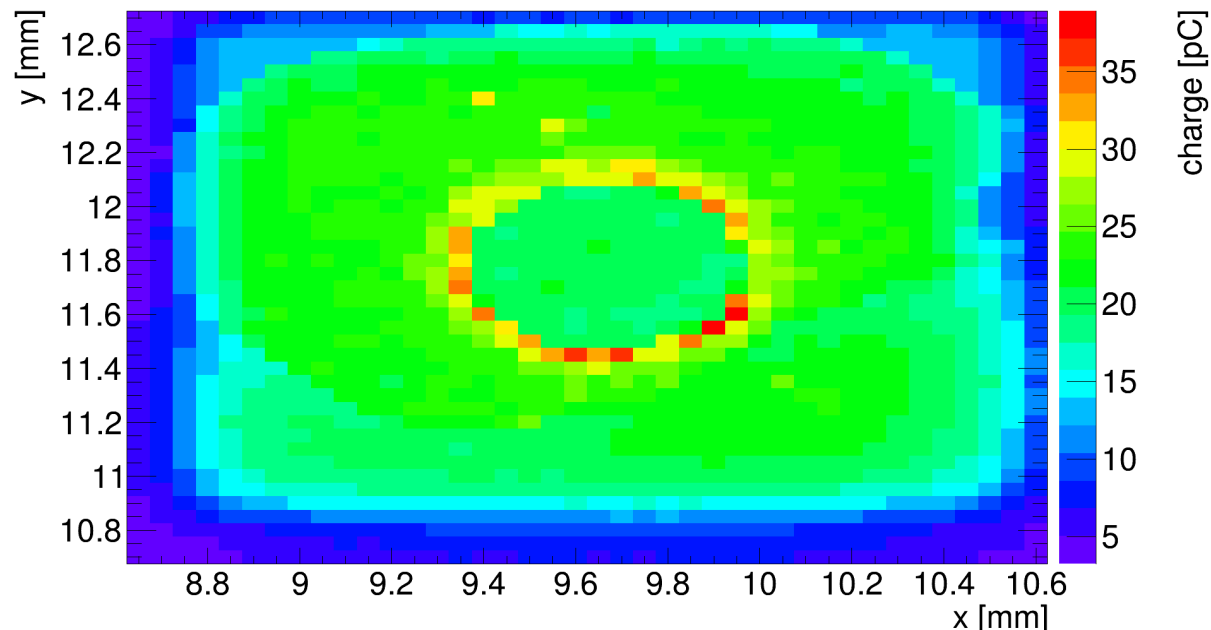
Before irradiation

Voltage: 1700 V

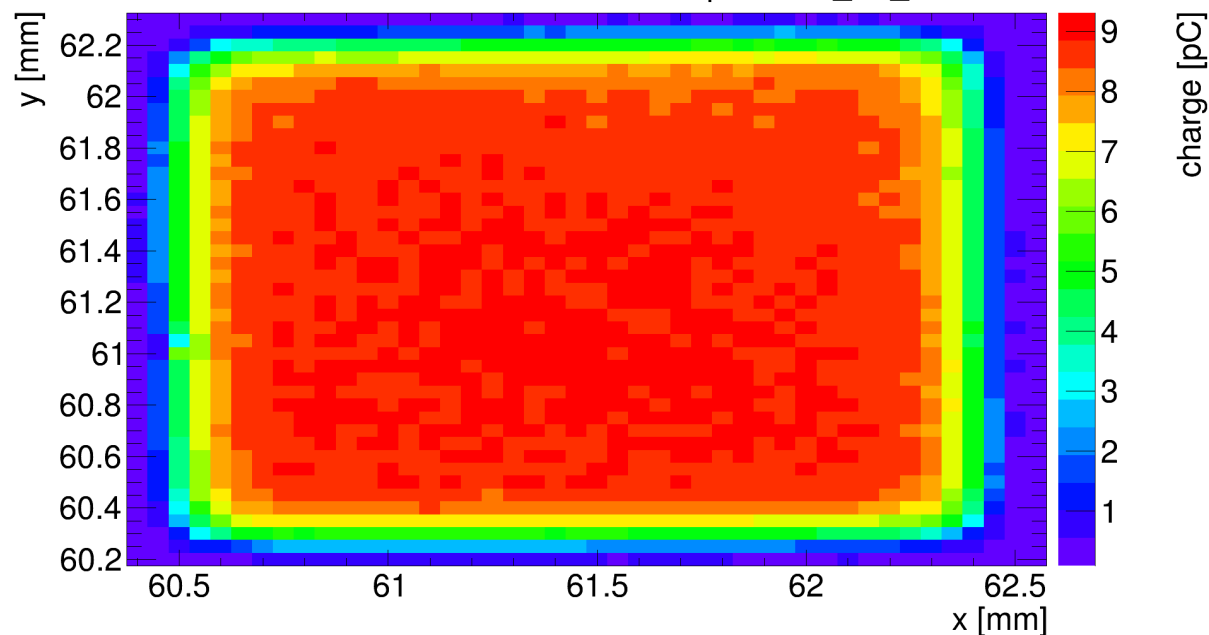
IR TCT



TCT IR XY scan at -20°C - sample: APD_2B_1



TCT Red XY scan at -20°C - sample: APD_2B_1



Red TCT

Sample: APD_2B_3

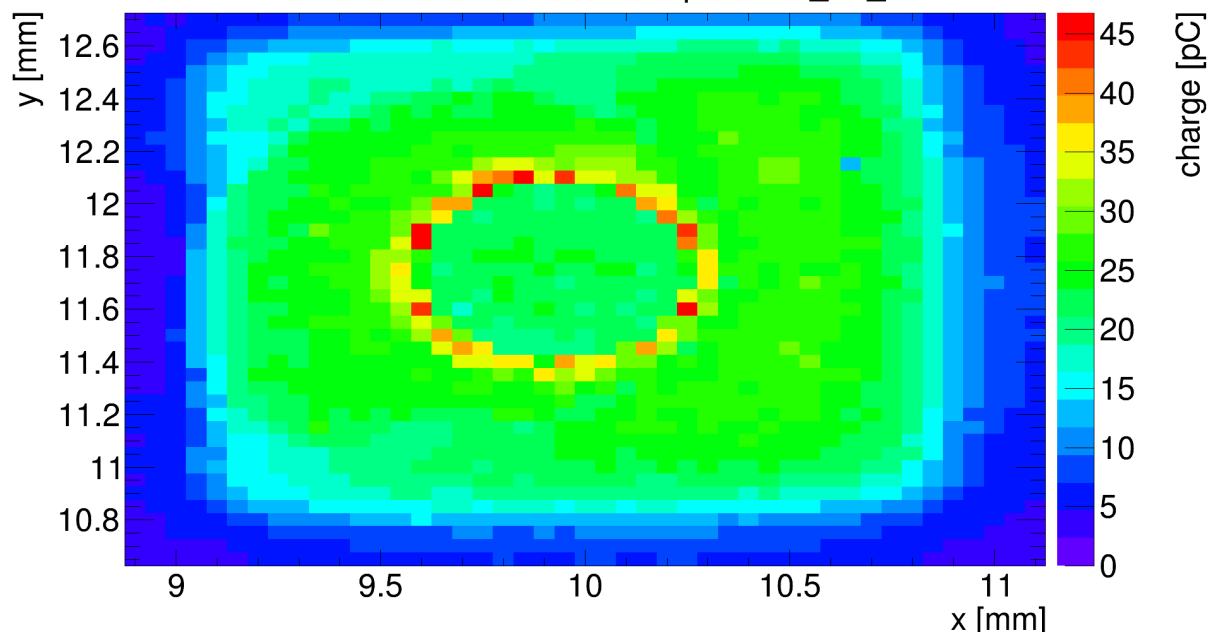
Before irradiation

Voltage: 1700 V

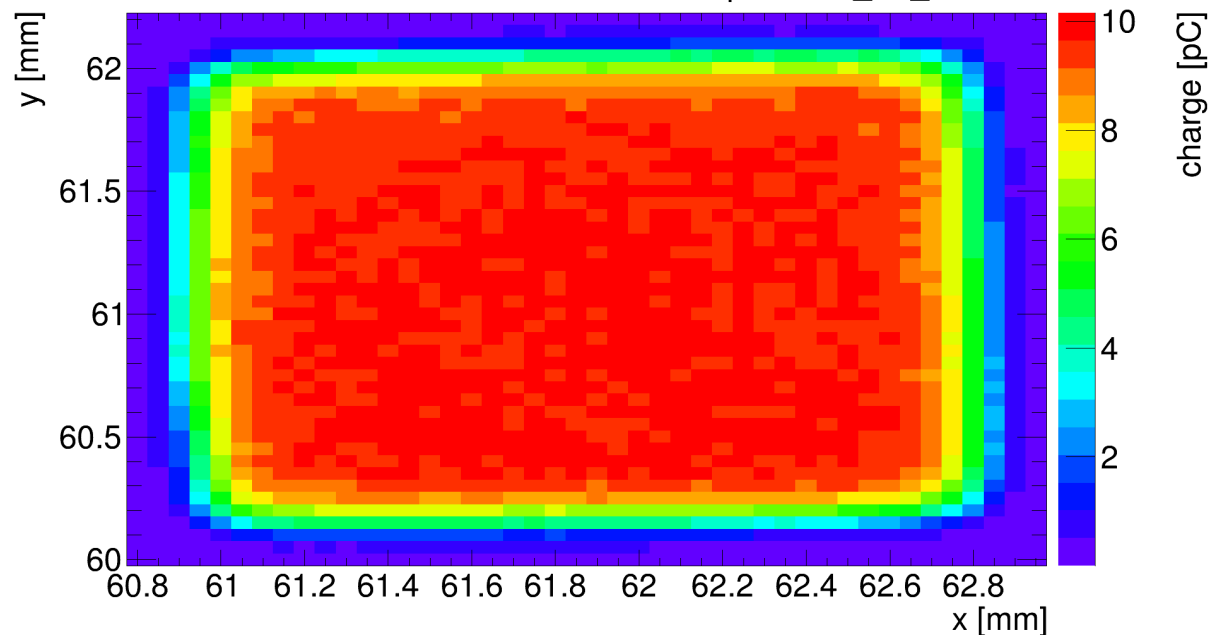
IR TCT



TCT IR XY scan at -20°C - sample: APD_2B_3



TCT Red XY scan at -20°C - sample: APD_2B_3



Red TCT

TCT Voltage scans

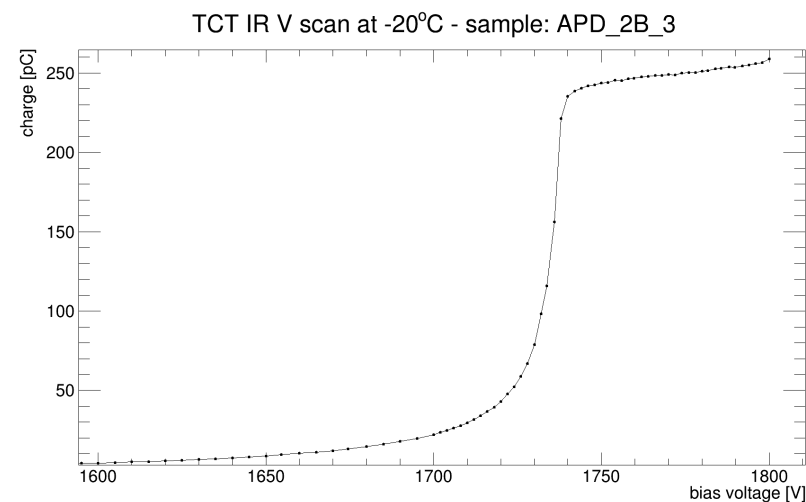
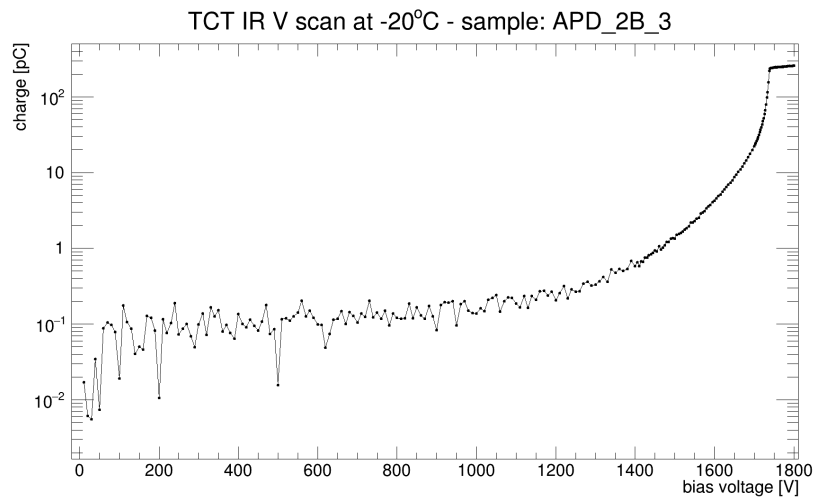
1 sample*

I will make available a document with all the scans to keep it for future reference.

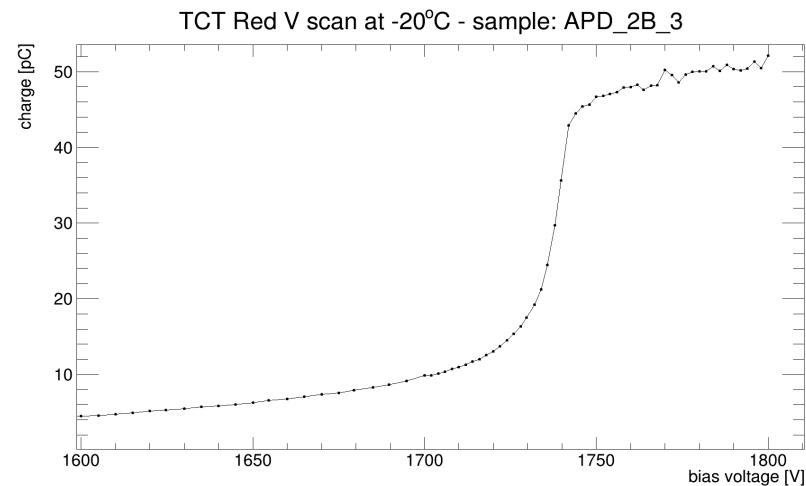
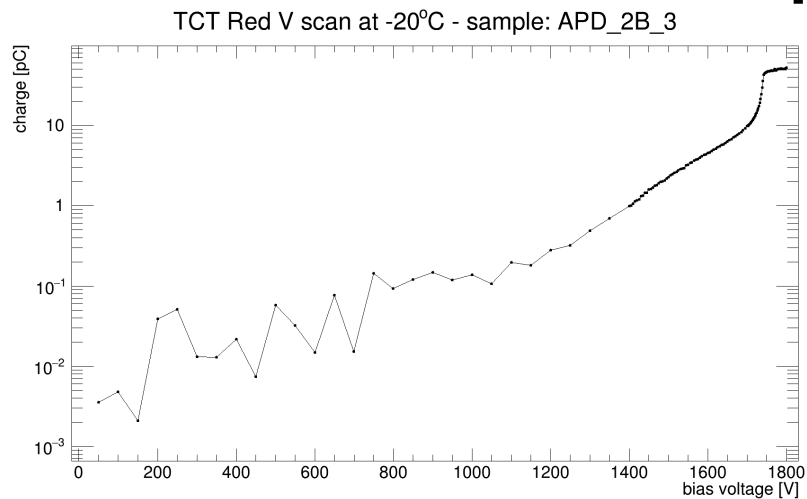
Voltage Scans at -20°C

Sample APD-2B-3

IR TCT



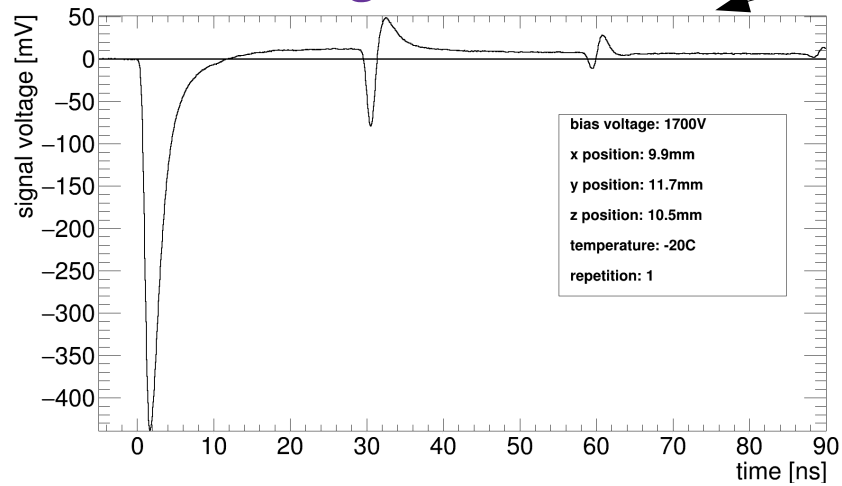
Red TCT



Waveforms at -20°C

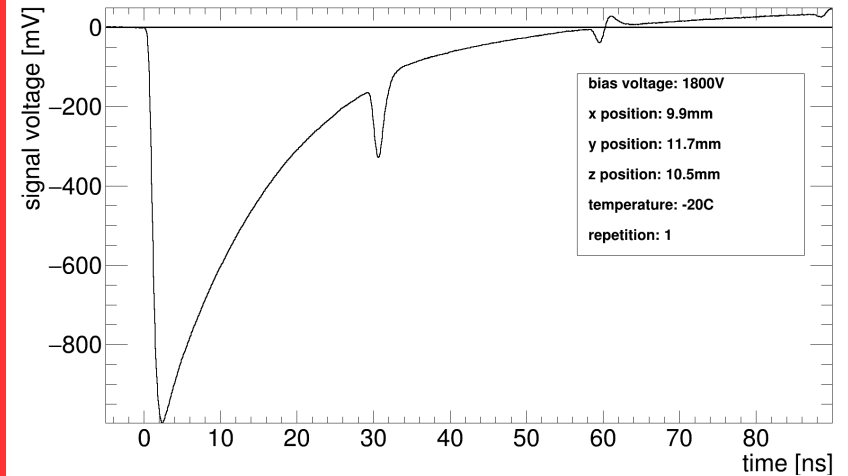
Sample APD-2B-3

Voltage: 1700 V



IR TCT

Voltage: 1800 V



Red TCT

