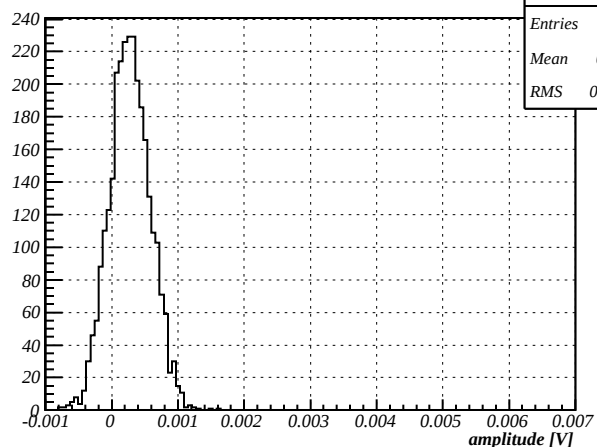
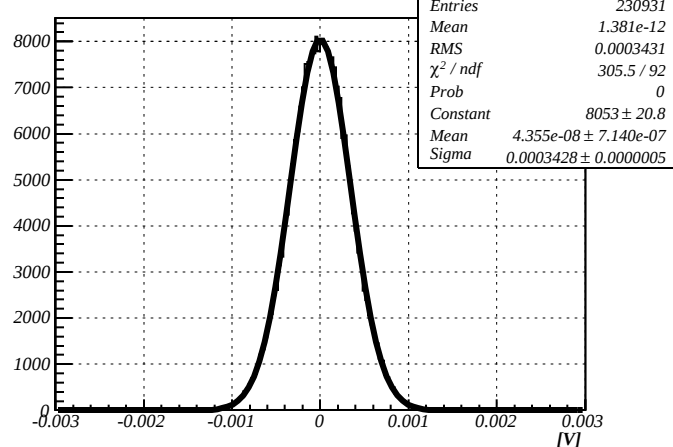


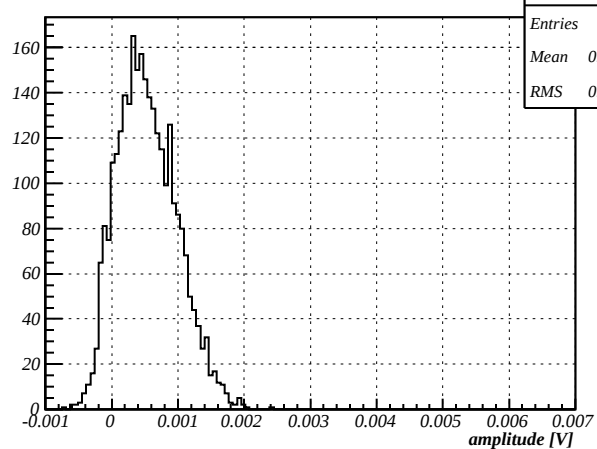
Amplitude, HV=0V



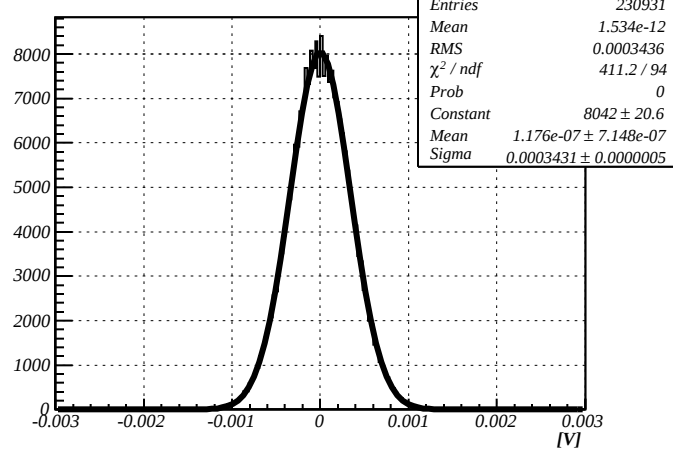
Noise, HV=0V



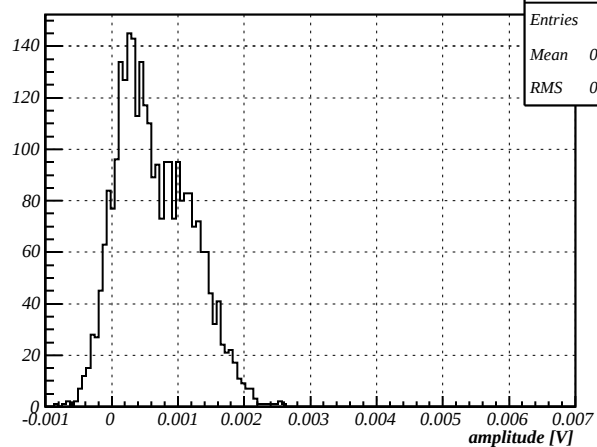
Amplitude, HV=200V



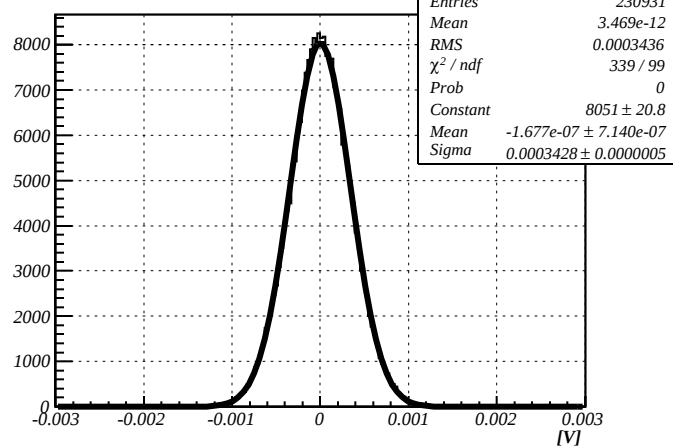
Noise, HV=200V

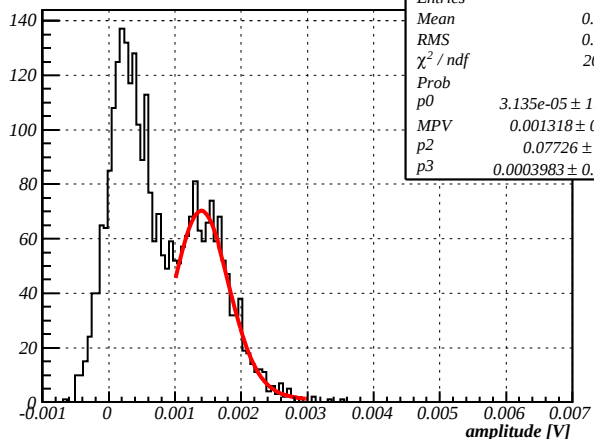


Amplitude, HV=400V

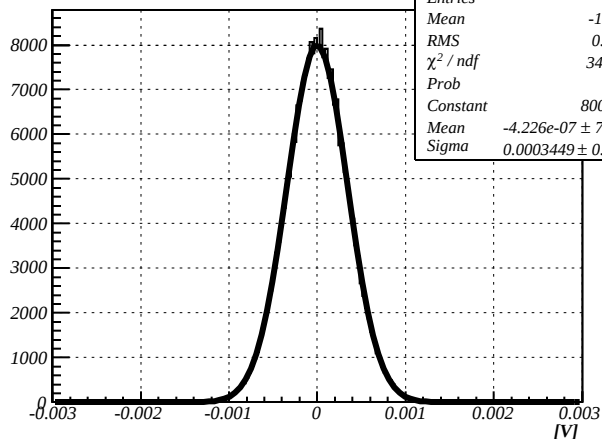


Noise, HV=400V

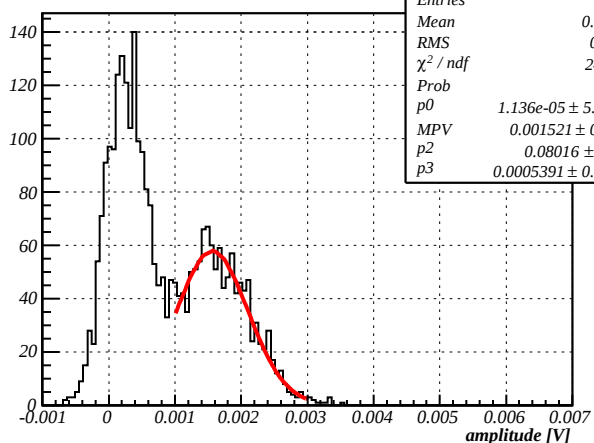


Amplitude, HV=600V

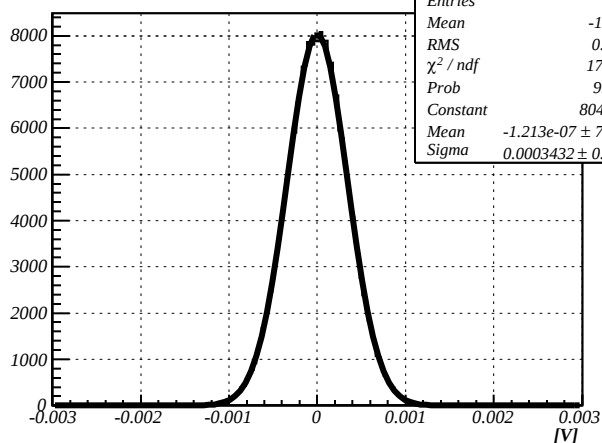
Amplitude, HV=600V	
Entries	2851
Mean	0.0007864
RMS	0.0006909
χ^2 / ndf	20.48 / 26
Prob	0.7682
p0	$3.135\text{e-}05 \pm 1.349\text{e-}05$
MPV	0.001318 ± 0.000033
p2	0.07726 ± 0.00377
p3	0.0003983 ± 0.0000370

Noise, HV=600V

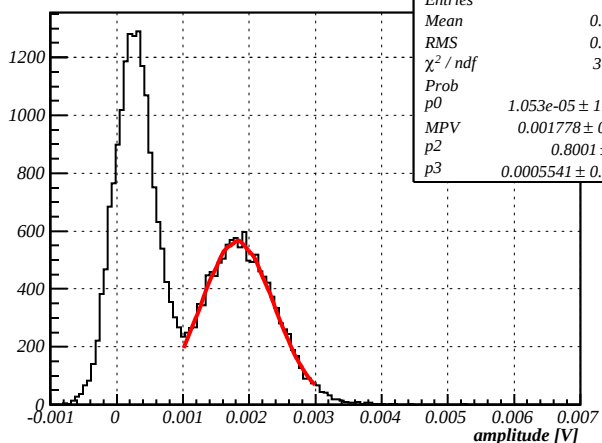
Noise, HV=600V	
Entries	230931
Mean	$-1.264\text{e-}07$
RMS	0.0003469
χ^2 / ndf	340.9 / 125
Prob	0
Constant	8001 ± 20.6
Mean	$-4.226\text{e-}07 \pm 7.184\text{e-}07$
Sigma	0.0003449 ± 0.0000005

Amplitude, HV=800V

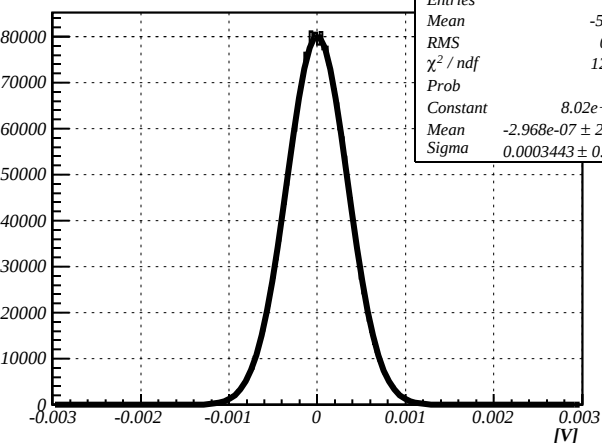
Amplitude, HV=800V	
Entries	2851
Mean	0.0008703
RMS	0.000801
χ^2 / ndf	24.57 / 28
Prob	0.6509
p0	$1.136\text{e-}05 \pm 5.416\text{e-}06$
MPV	0.001521 ± 0.000014
p2	0.08016 ± 0.00265
p3	0.0005391 ± 0.0000105

Noise, HV=800V

Noise, HV=800V	
Entries	230931
Mean	$-1.002\text{e-}07$
RMS	0.0003438
χ^2 / ndf	175.1 / 102
Prob	$9.102\text{e-}06$
Constant	8046 ± 20.6
Mean	$-1.213\text{e-}07 \pm 7.147\text{e-}07$
Sigma	0.0003432 ± 0.0000005

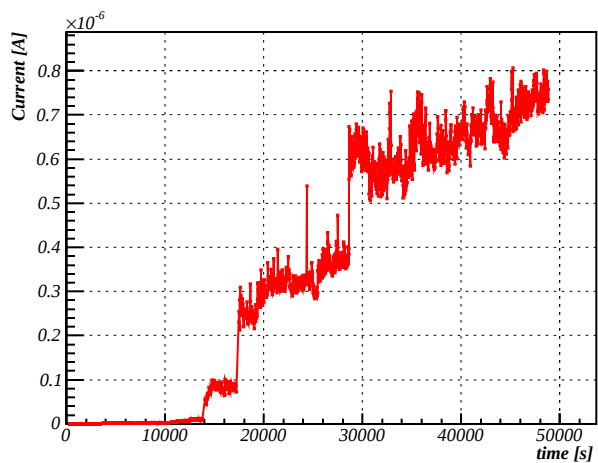
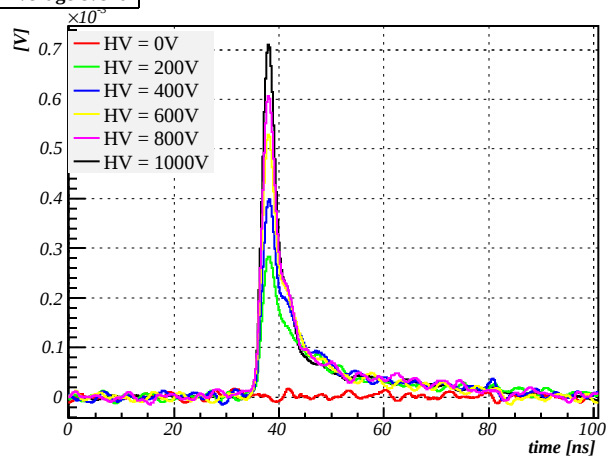
Amplitude, HV=1000V

Amplitude, HV=1000V	
Entries	28501
Mean	0.0009785
RMS	0.0009094
χ^2 / ndf	37.43 / 28
Prob	0.1096
p0	$1.053\text{e-}05 \pm 1.407\text{e-}07$
MPV	0.001778 ± 0.000000
p2	0.8001 ± 0.0000
p3	0.0005541 ± 0.1442015

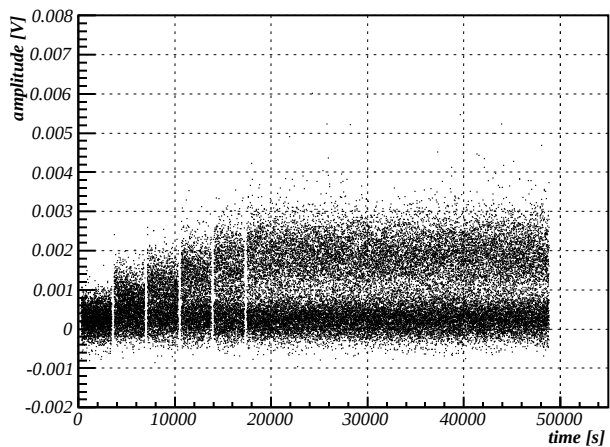
Noise, HV=1000V

Noise, HV=1000V	
Entries	2308581
Mean	$-5.997\text{e-}08$
RMS	0.000345
χ^2 / ndf	1223 / 150
Prob	0
Constant	$8.02\text{e+}04 \pm 65$
Mean	$-2.968\text{e-}07 \pm 2.267\text{e-}07$
Sigma	0.0003443 ± 0.0000002

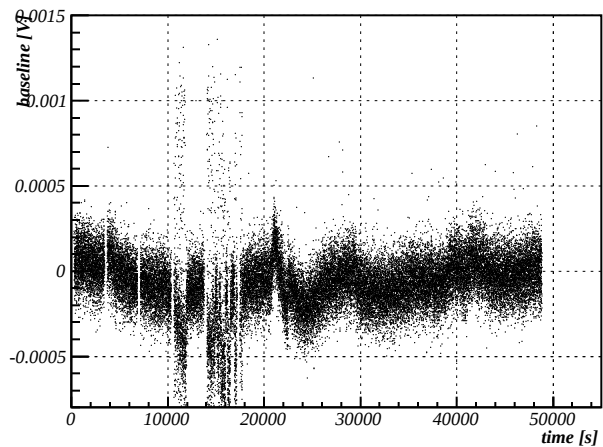
Average event



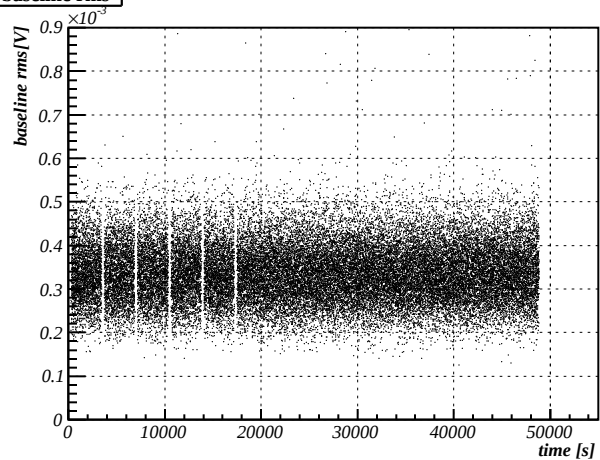
amplitudes



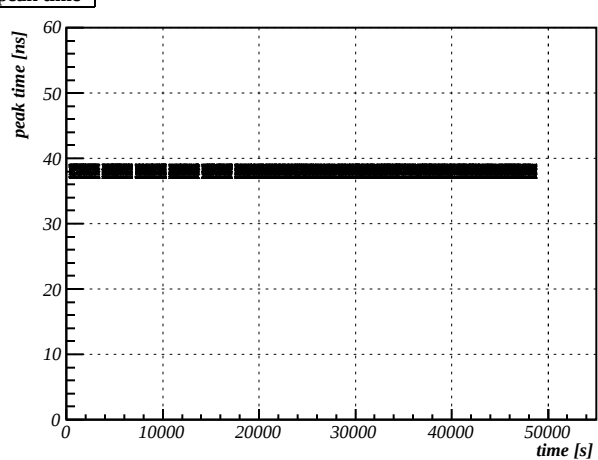
baseline



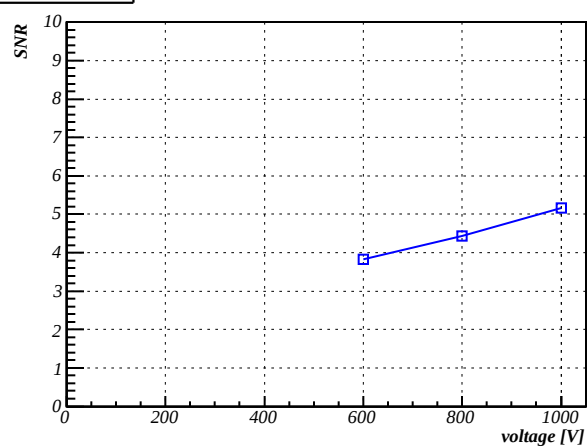
baseline rms



peak time



Signal to noise



SP_070920105107_Fotec401_ceramic7_A422-7_A422-5_measurement1_AfterIrr-1e14p.xls