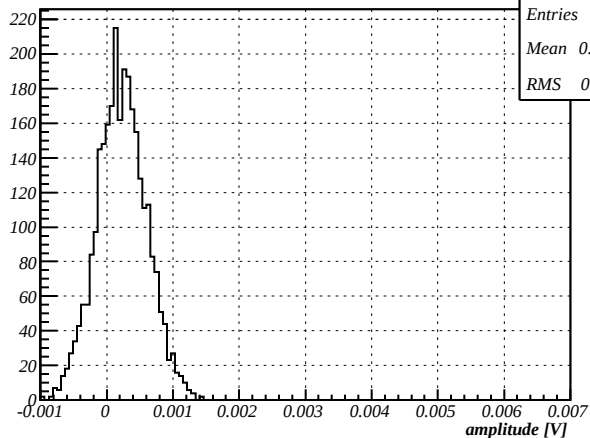
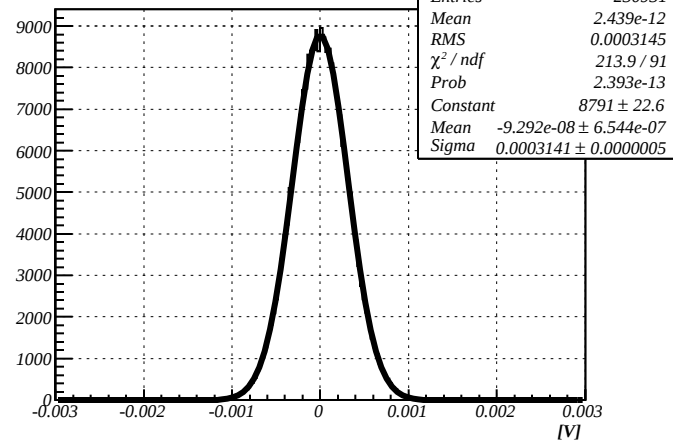
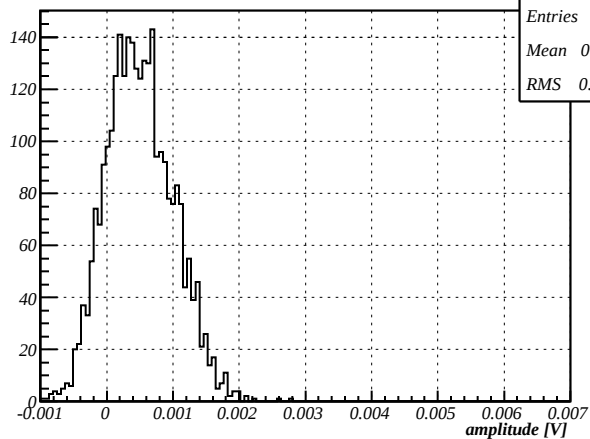
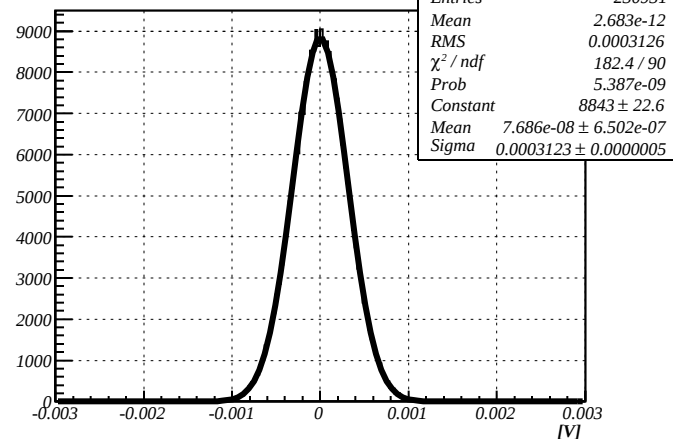
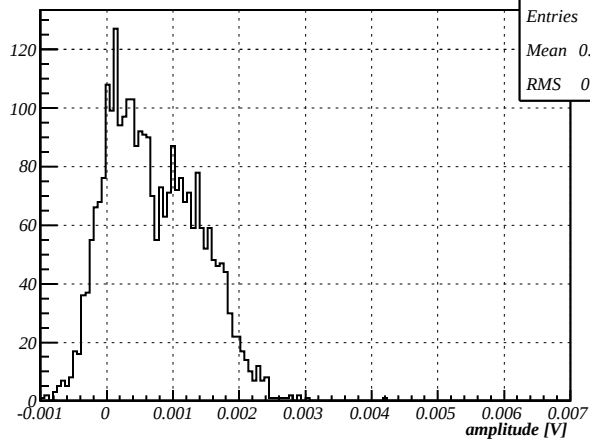
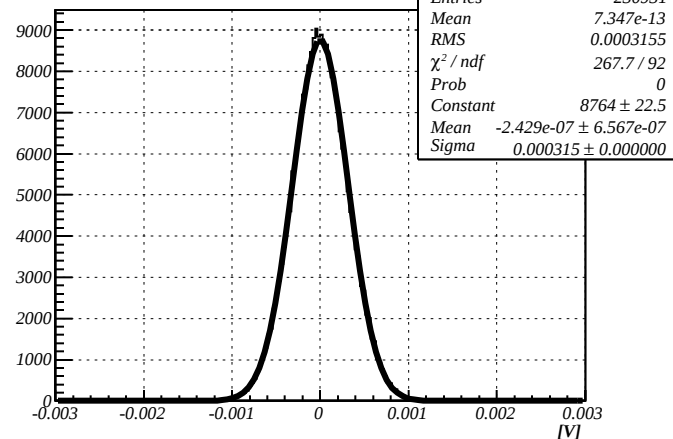
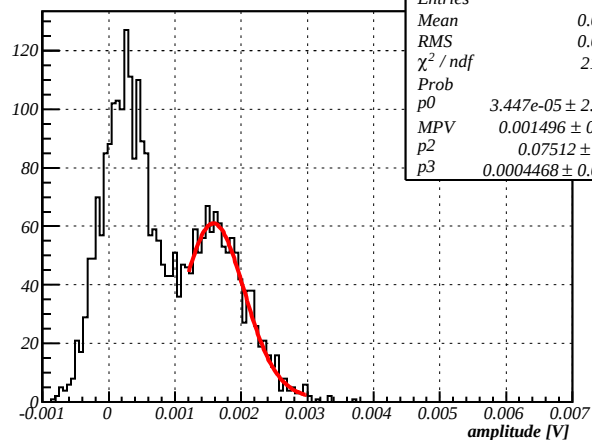
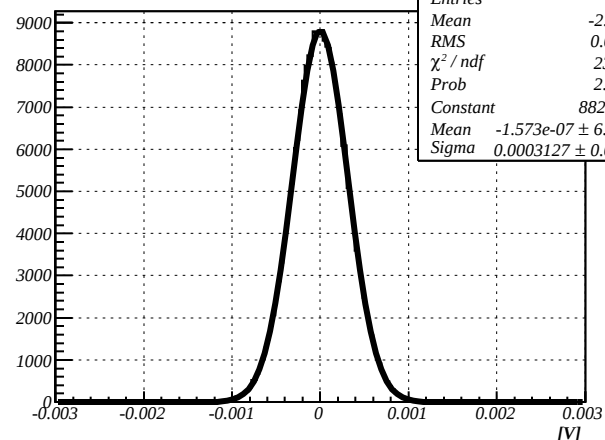


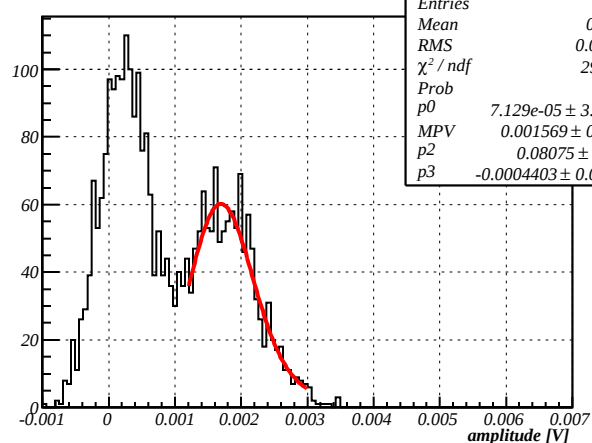
Amplitude, HV=0V**Noise, HV=0V****Amplitude, HV=200V****Noise, HV=200V****Amplitude, HV=400V****Noise, HV=400V**

Amplitude, HV=600V

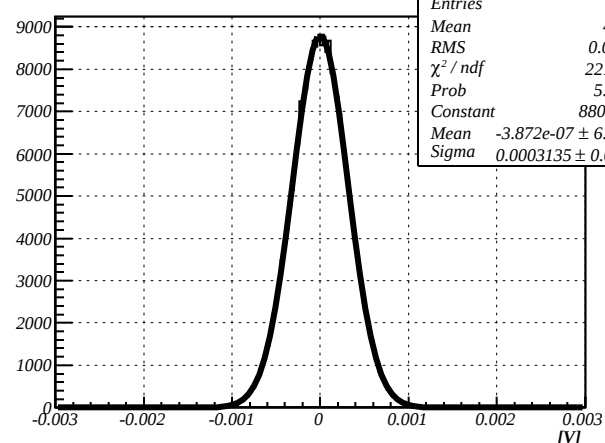
Amplitude, HV=600V	
Entries	2851
Mean	0.0008299
RMS	0.0008075
χ^2 / ndf	21.65 / 25
Prob	0.656
p0	$3.447\text{e-}05 \pm 2.409\text{e-}05$
MPV	0.001496 ± 0.000045
p2	0.07512 ± 0.00421
p3	0.0004468 ± 0.0000552

Noise, HV=600V

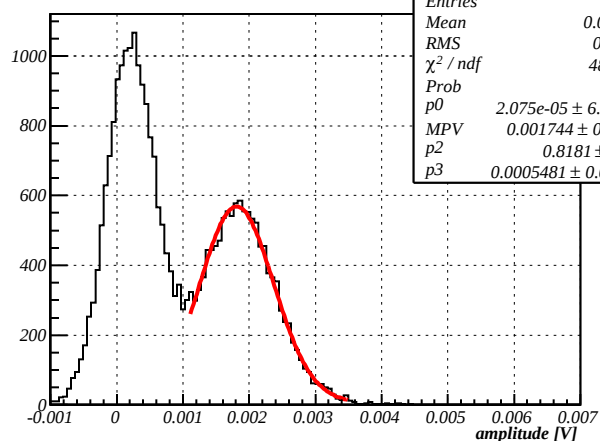
Noise, HV=600V	
Entries	230931
Mean	$-2.432\text{e-}12$
RMS	0.0003134
χ^2 / ndf	231.6 / 98
Prob	2.021e-14
Constant	8829 ± 22.6
Mean	$-1.573\text{e-}07 \pm 6.515\text{e-}07$
Sigma	0.0003127 ± 0.0000005

Amplitude, HV=800V

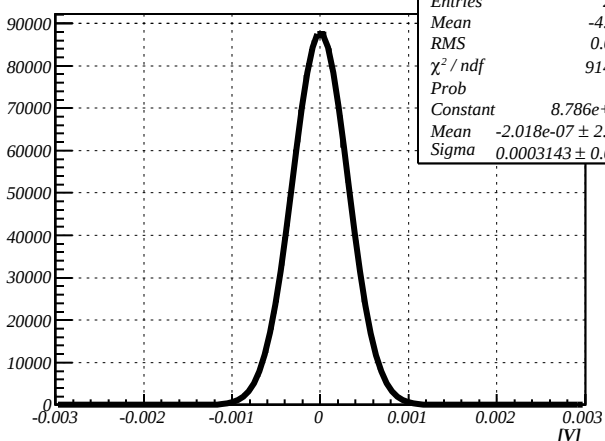
Amplitude, HV=800V	
Entries	2851
Mean	0.000913
RMS	0.0008787
χ^2 / ndf	29.21 / 25
Prob	0.2553
p0	$7.129\text{e-}05 \pm 3.417\text{e-}05$
MPV	0.001569 ± 0.000042
p2	0.08075 ± 0.00357
p3	-0.0004403 ± 0.0000607

Noise, HV=800V

Noise, HV=800V	
Entries	230931
Mean	$4.65\text{e-}12$
RMS	0.0003146
χ^2 / ndf	221.2 / 102
Prob	$5.826\text{e-}12$
Constant	8807 ± 22.4
Mean	$-3.872\text{e-}07 \pm 6.529\text{e-}07$
Sigma	0.0003135 ± 0.0000005

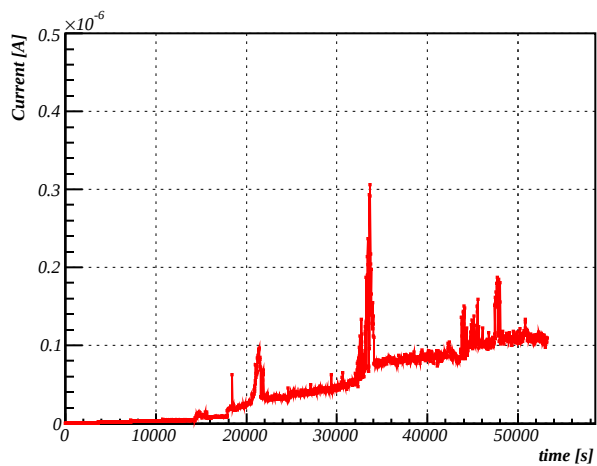
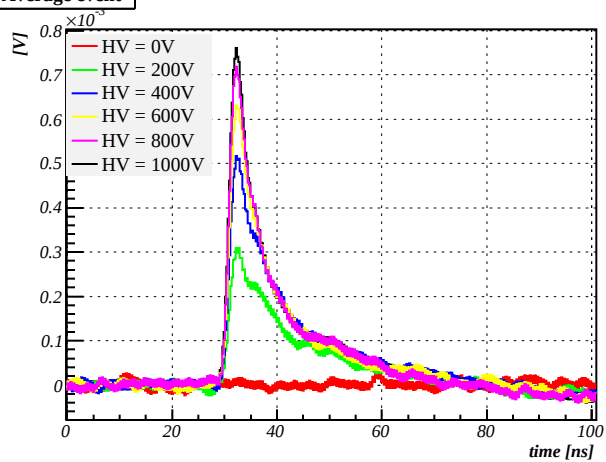
Amplitude, HV=1000V

Amplitude, HV=1000V	
Entries	28500
Mean	0.0009577
RMS	0.000946
χ^2 / ndf	48.63 / 35
Prob	0.06259
p0	$2.075\text{e-}05 \pm 6.477\text{e-}06$
MPV	0.001744 ± 0.000017
p2	0.8181 ± 0.0087
p3	0.0005481 ± 0.0000123

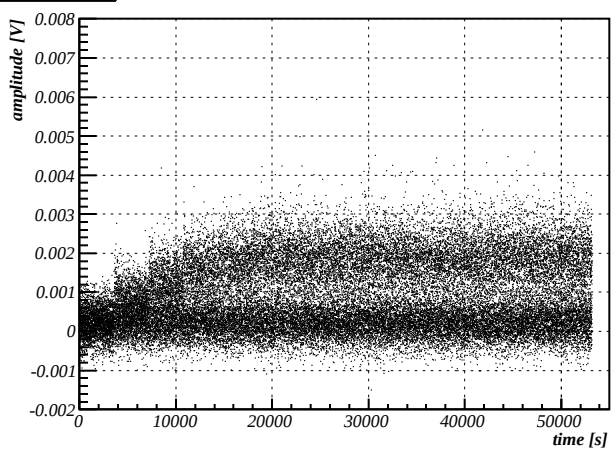
Noise, HV=1000V

Noise, HV=1000V	
Entries	2308500
Mean	$-4.061\text{e-}08$
RMS	0.0003151
χ^2 / ndf	914.8 / 152
Prob	0
Constant	$8.786\text{e+}04 \pm 71$
Mean	$-2.018\text{e-}07 \pm 2.069\text{e-}07$
Sigma	0.0003143 ± 0.0000001

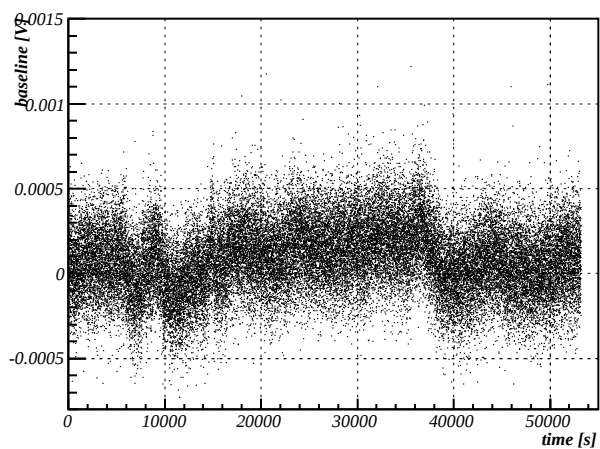
Average event



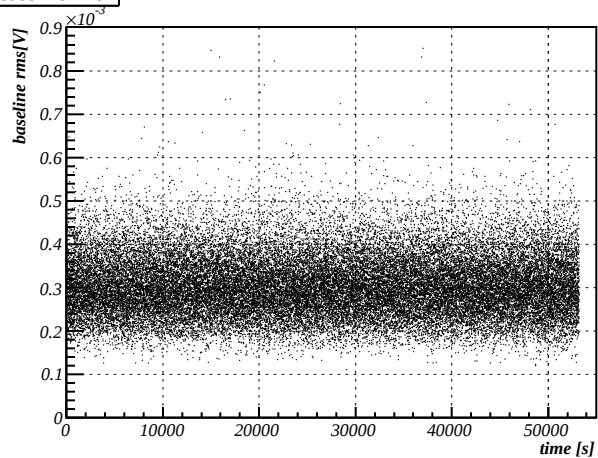
amplitudes



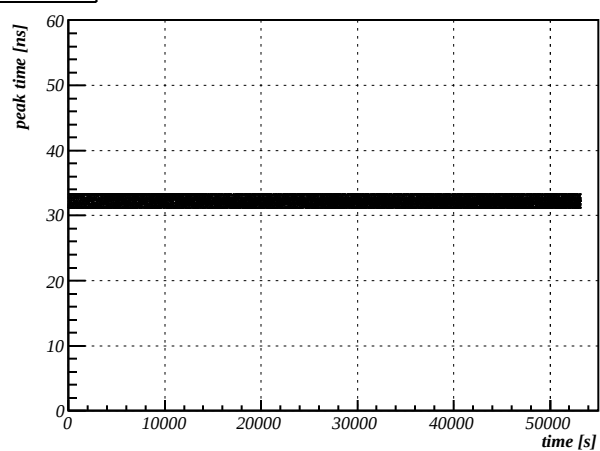
baseline



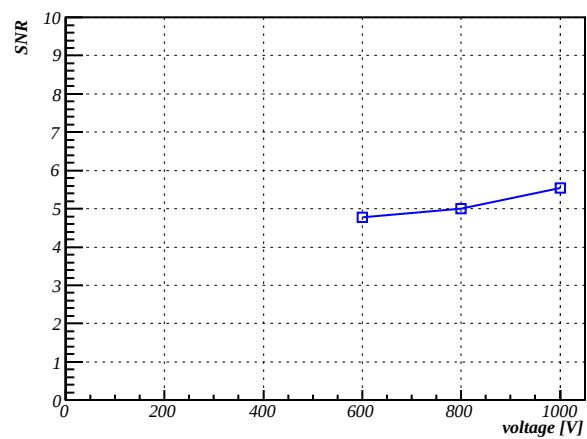
baseline rms



peak time



Signal to noise



SP_061215143835_Fotec409_ceramic7_AfterTC_measurement1.xls