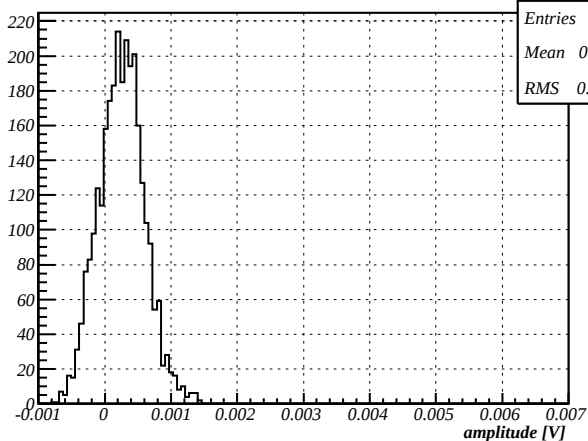
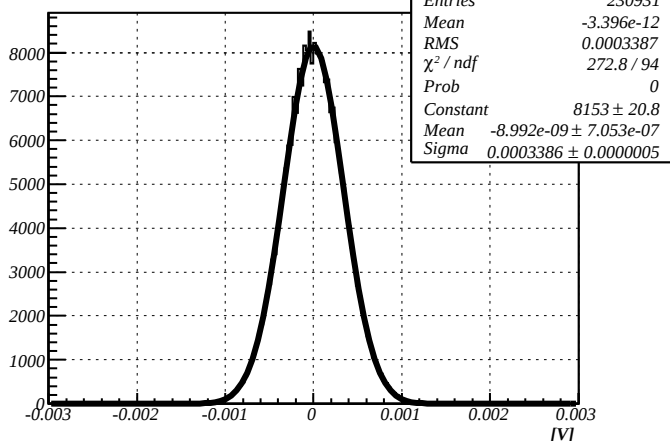
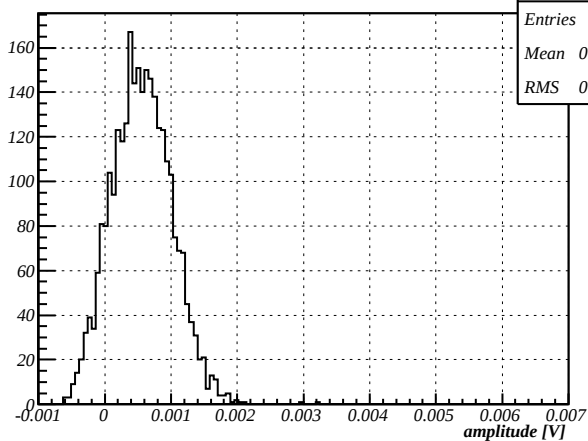
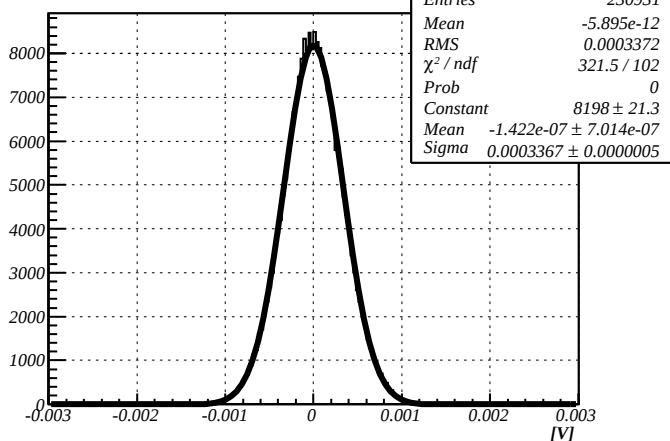
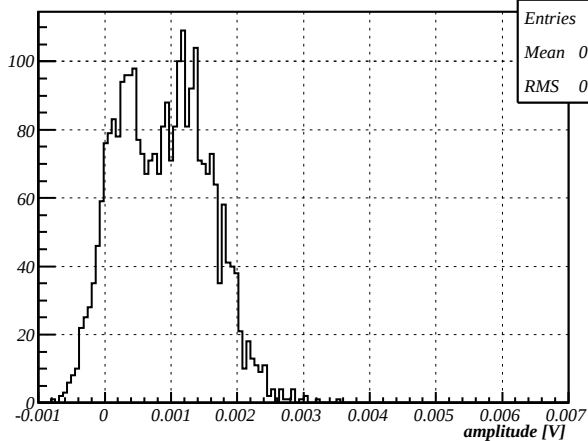
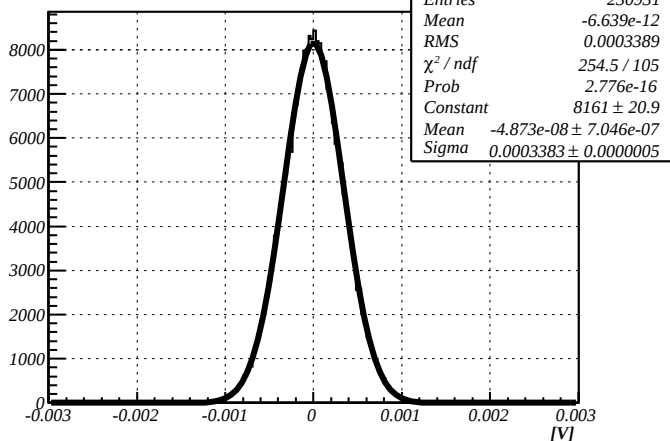
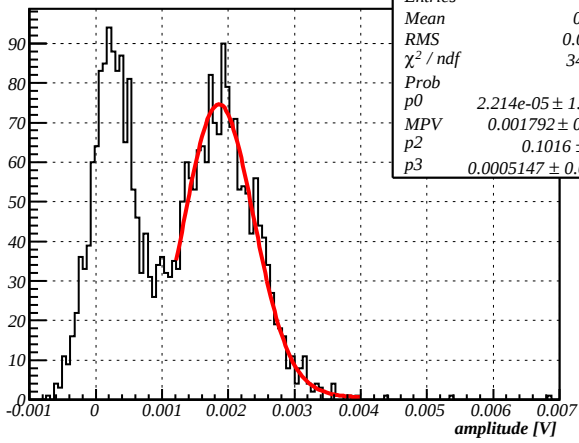
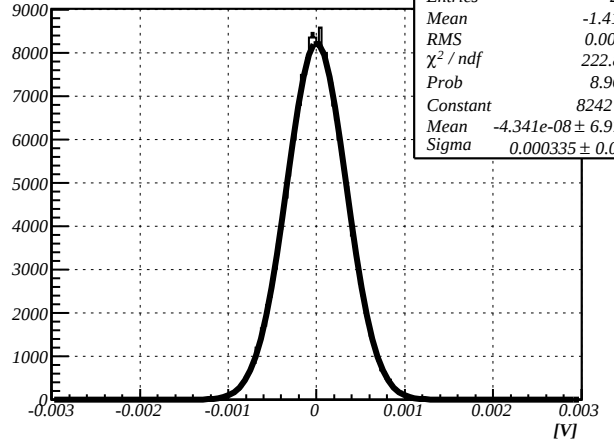


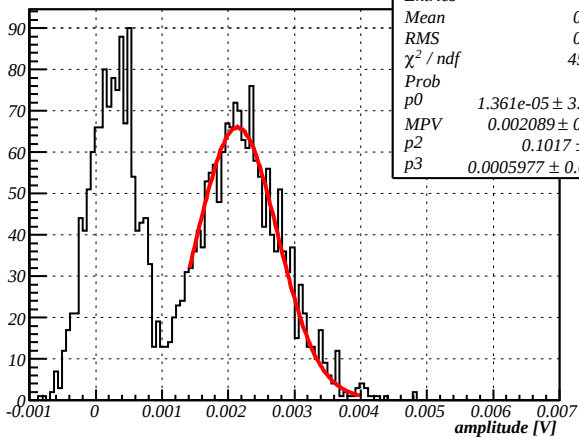
Amplitude, HV=0V**Noise, HV=0V****Amplitude, HV=200V****Noise, HV=200V****Amplitude, HV=400V****Noise, HV=400V**

Amplitude, HV=600V

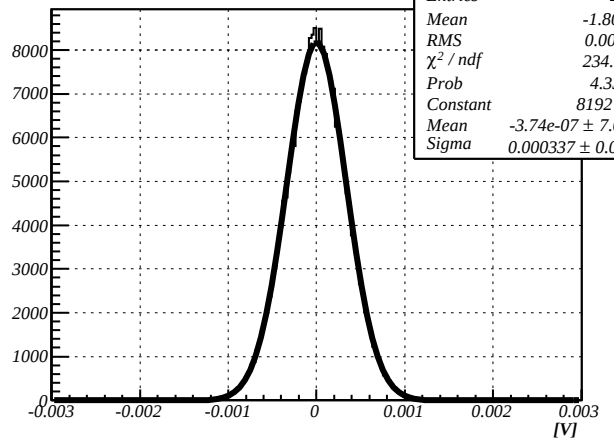
Amplitude, HV=600V	
Entries	2851
Mean	0.001218
RMS	0.0009417
χ^2 / ndf	34.52 / 37
Prob	0.5858
p0	$2.214\text{e-}05 \pm 1.204\text{e-}05$
MPV	0.001792 ± 0.000035
p2	0.1016 ± 0.0031
p3	0.0005147 ± 0.0000279

Noise, HV=600V

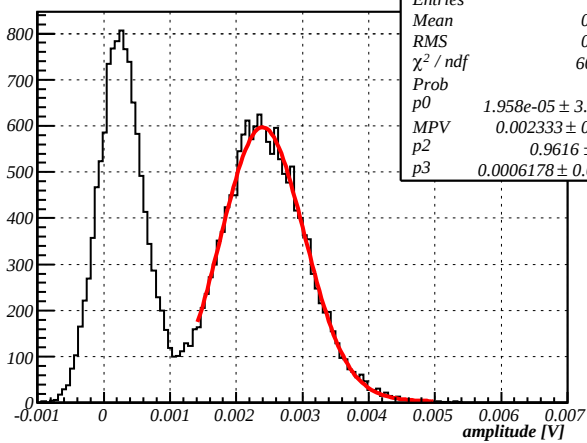
Noise, HV=600V	
Entries	230931
Mean	$-1.418\text{e-}07$
RMS	0.0003357
χ^2 / ndf	222.8 / 104
Prob	$8.964\text{e-}12$
Constant	8242 ± 21.2
Mean	$-4.341\text{e-}08 \pm 6.975\text{e-}07$
Sigma	0.000335 ± 0.000001

Amplitude, HV=800V

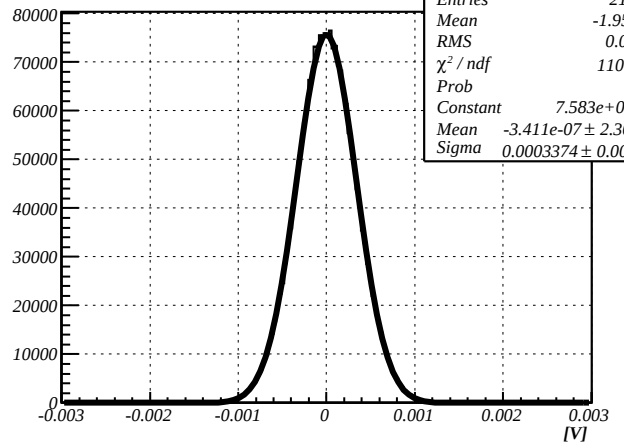
Amplitude, HV=800V	
Entries	2851
Mean	0.001389
RMS	0.001105
χ^2 / ndf	45.98 / 38
Prob	0.1753
p0	$1.361\text{e-}05 \pm 3.654\text{e-}07$
MPV	0.002089 ± 0.045602
p2	0.1017 ± 0.0000
p3	0.0005977 ± 0.0000000

Noise, HV=800V

Noise, HV=800V	
Entries	230931
Mean	$-1.807\text{e-}07$
RMS	0.0003376
χ^2 / ndf	234.1 / 101
Prob	$4.335\text{e-}14$
Constant	8192 ± 21.1
Mean	$-3.74\text{e-}07 \pm 7.02\text{e-}07$
Sigma	0.000337 ± 0.000001

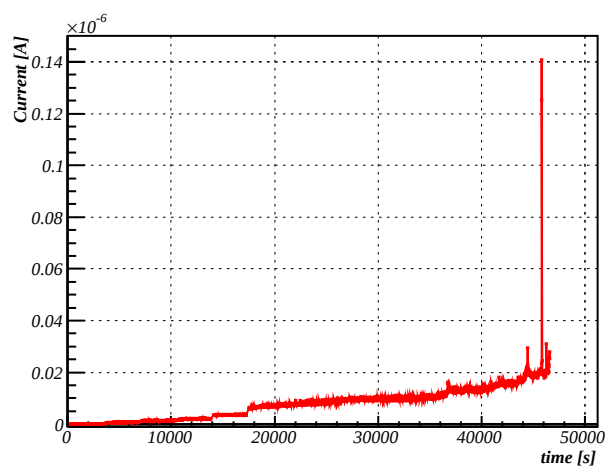
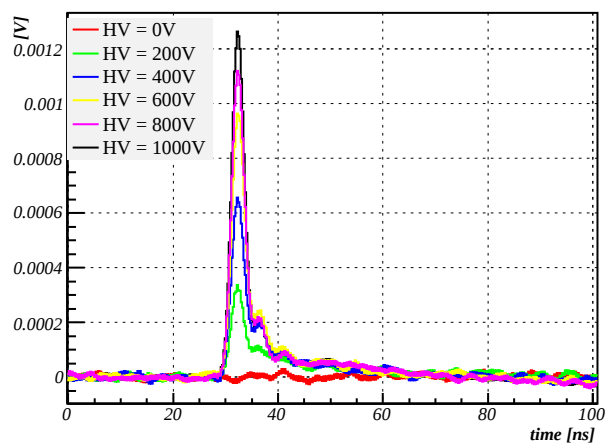
Amplitude, HV=1000V

Amplitude, HV=1000V	
Entries	26407
Mean	0.001539
RMS	0.001204
χ^2 / ndf	60.15 / 55
Prob	0.2948
p0	$1.958\text{e-}05 \pm 3.000\text{e-}06$
MPV	0.002333 ± 0.000010
p2	0.9616 ± 0.0074
p3	0.0006178 ± 0.0000089

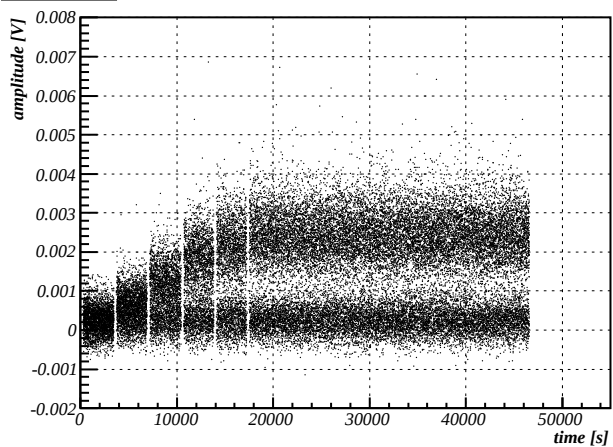
Noise, HV=1000V

Noise, HV=1000V	
Entries	2138967
Mean	$-1.956\text{e-}07$
RMS	0.000338
χ^2 / ndf	1100 / 151
Prob	0
Constant	$7.583\text{e+}04 \pm 64$
Mean	$-3.411\text{e-}07 \pm 2.308\text{e-}07$
Sigma	0.0003374 ± 0.0000002

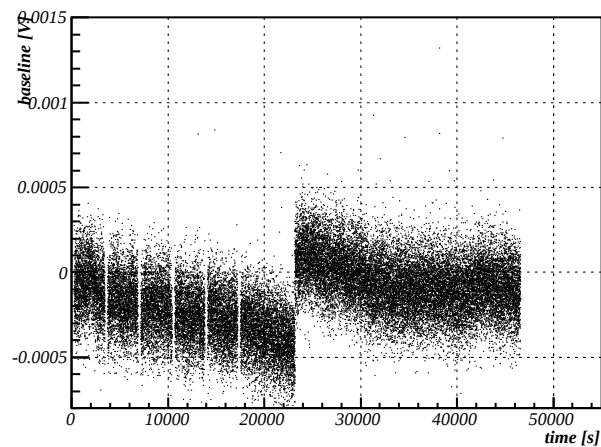
Average event



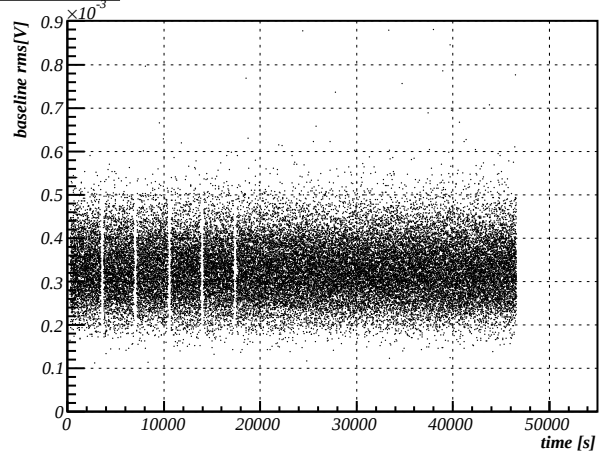
amplitudes



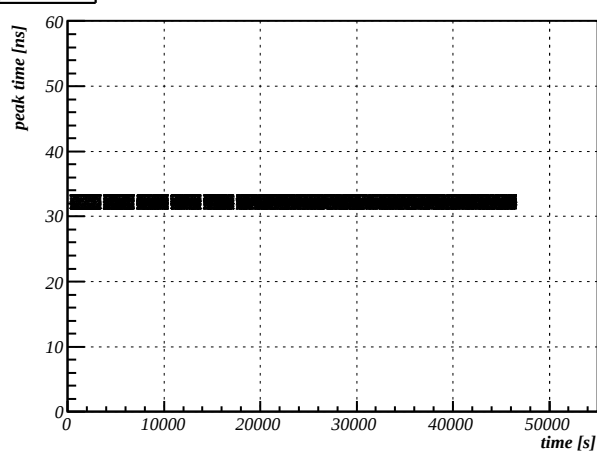
baseline



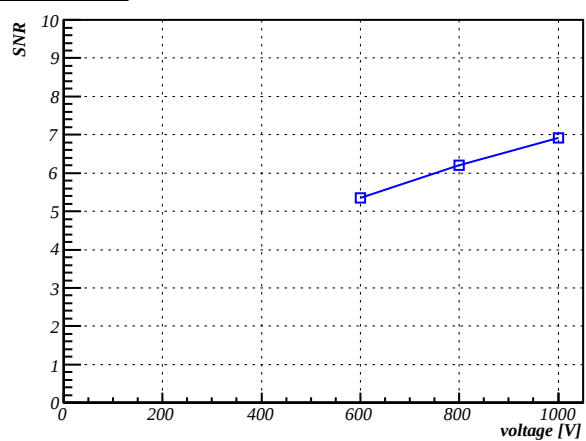
baseline rms



peak time



Signal to noise



SP_061203170531_Fotec410_ceramic14_afterTC_measurement1.xls