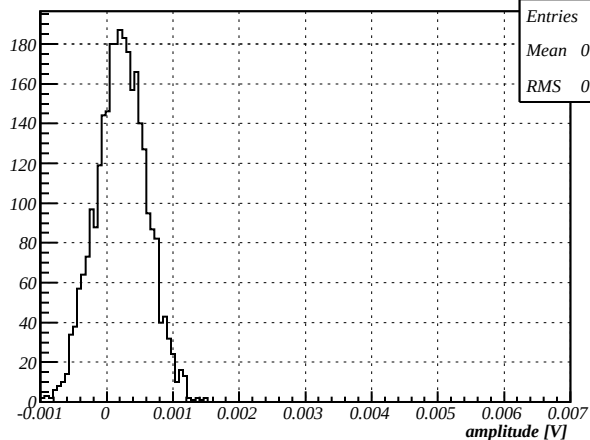
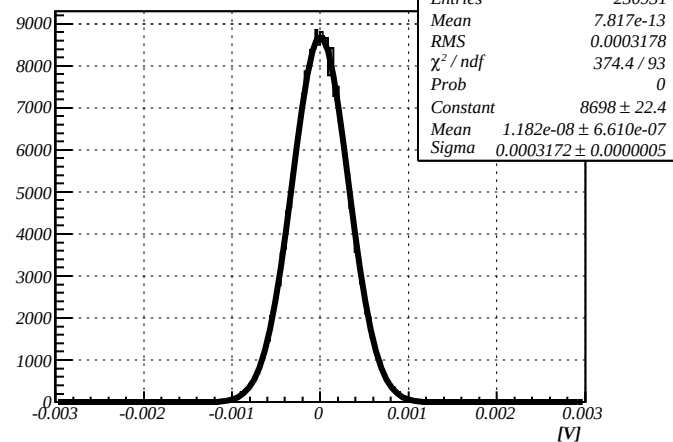
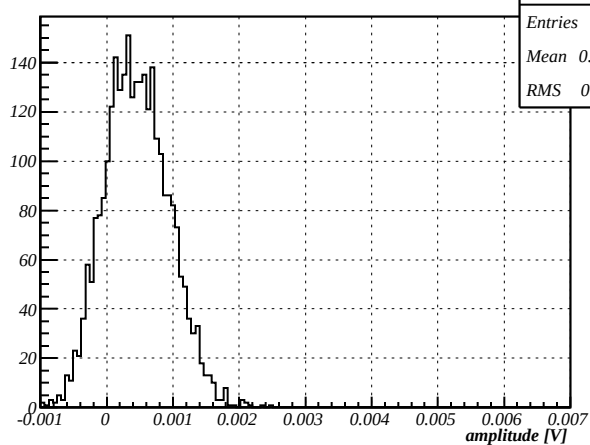
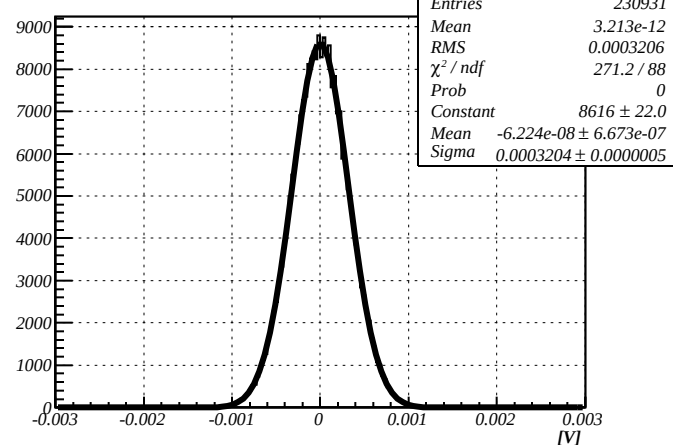
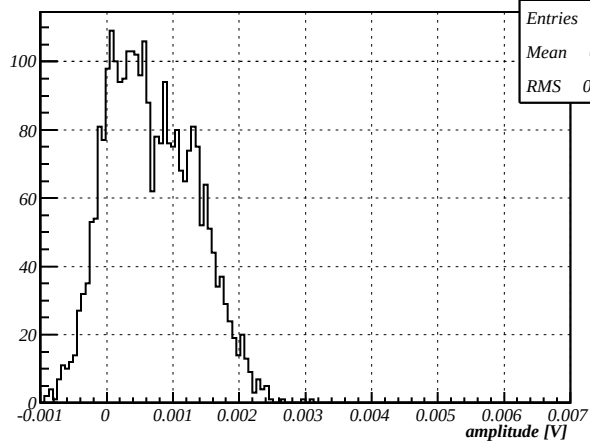
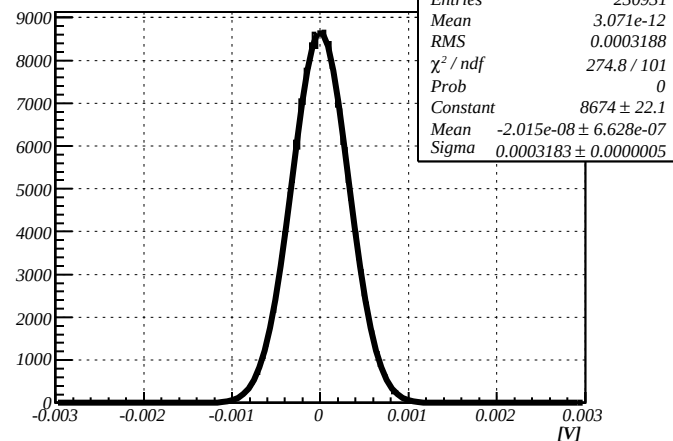
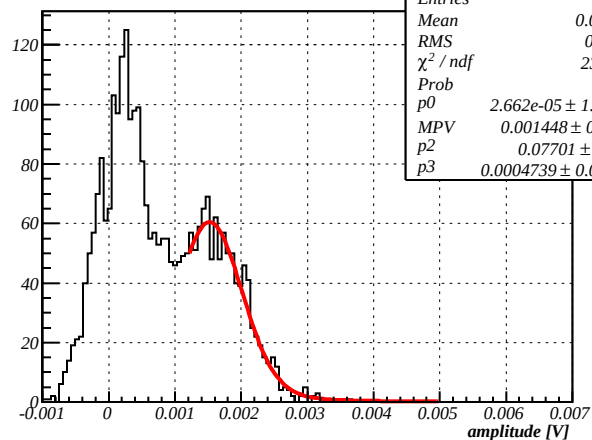
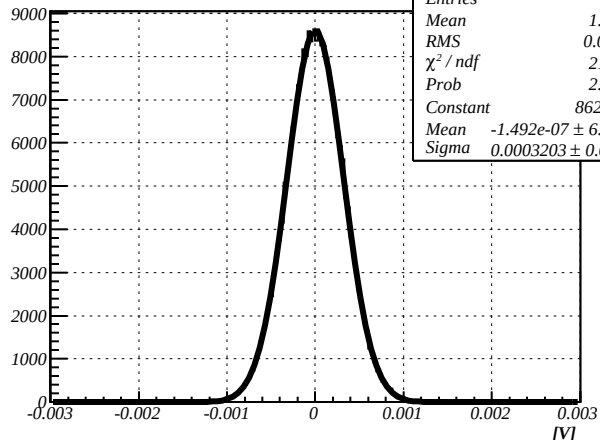


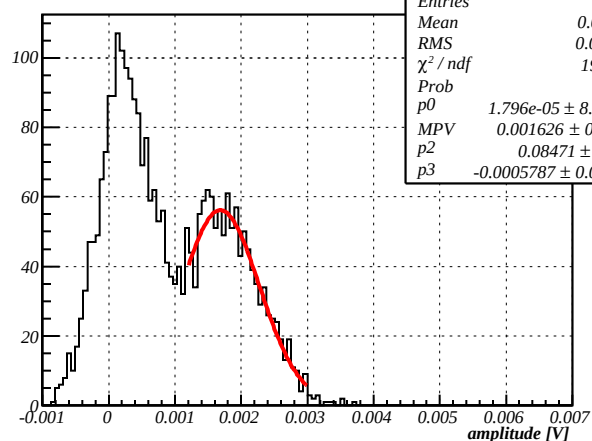
Amplitude, HV=-0V**Noise, HV=-0V****Amplitude, HV=-200V****Noise, HV=-200V****Amplitude, HV=-400V****Noise, HV=-400V**

Amplitude, HV=-600V

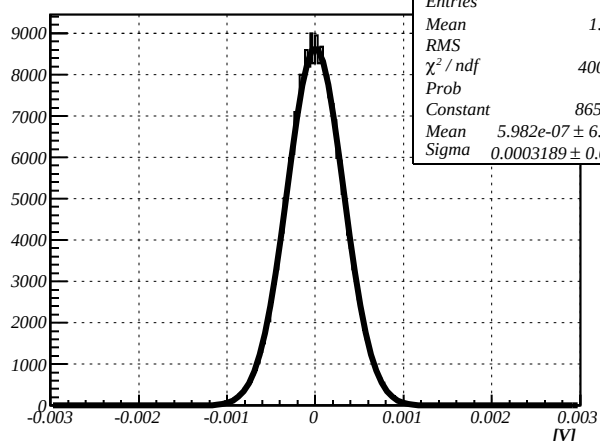
Amplitude, HV=-600V	
Entries	2851
Mean	0.0007976
RMS	0.000807
χ^2 / ndf	23.23 / 30
Prob	0.8058
p0	$2.662\text{e-}05 \pm 1.396\text{e-}05$
MPV	0.001448 ± 0.000050
p2	0.07701 ± 0.00521
p3	0.0004739 ± 0.0000426

Noise, HV=-600V

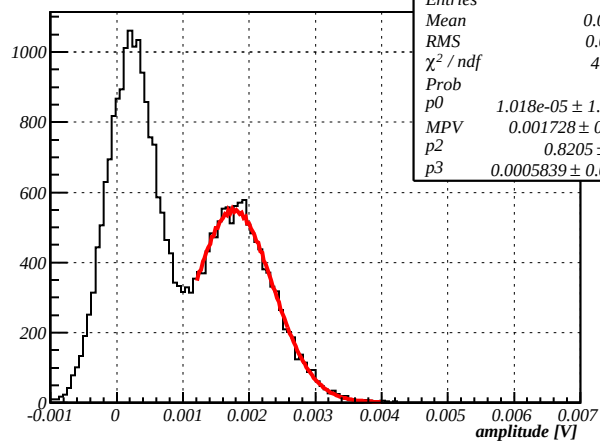
Noise, HV=-600V	
Entries	230931
Mean	$1.617\text{e-}12$
RMS	0.0003207
χ^2 / ndf	219.8 / 95
Prob	$2.579\text{e-}13$
Constant	8622 ± 22.0
Mean	$-1.492\text{e-}07 \pm 6.669\text{e-}07$
Sigma	0.0003203 ± 0.0000005

Amplitude, HV=-800V

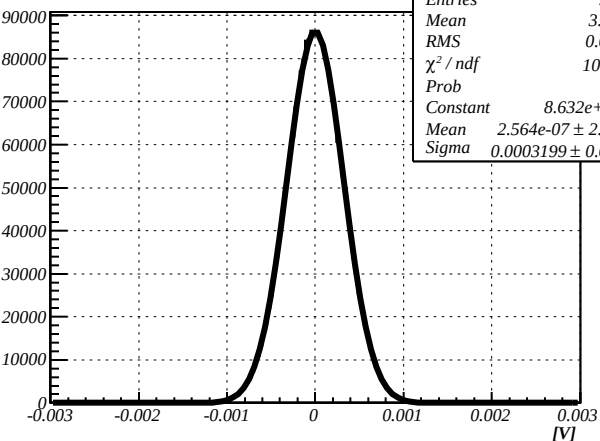
Amplitude, HV=-800V	
Entries	2851
Mean	0.0009244
RMS	0.0008906
χ^2 / ndf	19.81 / 25
Prob	0.7565
p0	$1.796\text{e-}05 \pm 8.044\text{e-}06$
MPV	0.001626 ± 0.000027
p2	0.08471 ± 0.00379
p3	-0.0005787 ± 0.0000316

Noise, HV=-800V

Noise, HV=-800V	
Entries	230931
Mean	$1.034\text{e-}07$
RMS	0.00032
χ^2 / ndf	400.7 / 107
Prob	0
Constant	8652 ± 22.4
Mean	$5.982\text{e-}07 \pm 6.644\text{e-}07$
Sigma	0.0003189 ± 0.0000005

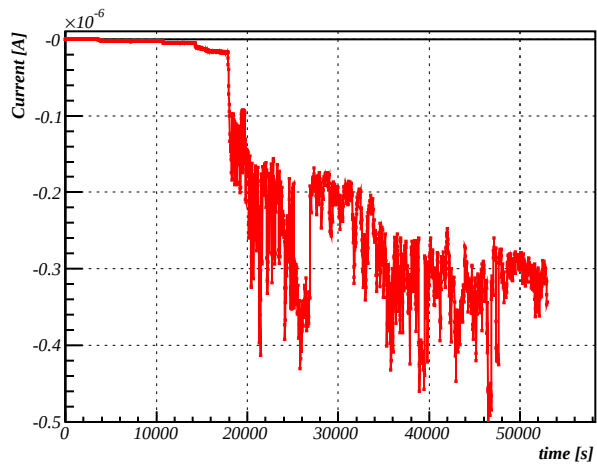
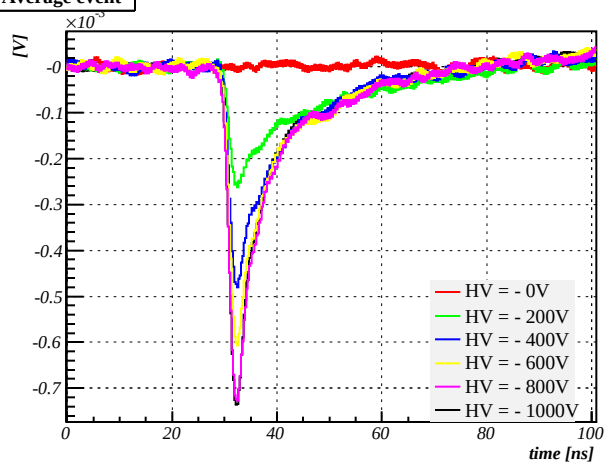
Amplitude, HV=-1000V

Amplitude, HV=-1000V	
Entries	28501
Mean	0.0009406
RMS	0.0009342
χ^2 / ndf	46.17 / 41
Prob	0.2672
p0	$1.018\text{e-}05 \pm 1.502\text{e-}06$
MPV	0.001728 ± 0.000003
p2	0.8205 ± 0.0095
p3	0.0005839 ± 0.0000069

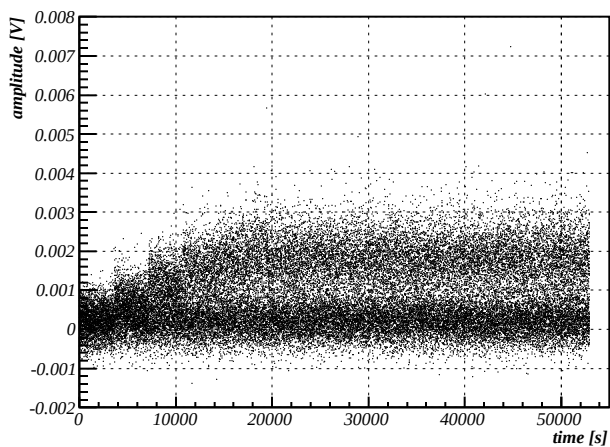
Noise, HV=-1000V

Noise, HV=-1000V	
Entries	2308581
Mean	$3.402\text{e-}08$
RMS	0.0003209
χ^2 / ndf	1055 / 157
Prob	0
Constant	$8.632\text{e+}04 \pm 70$
Mean	$2.564\text{e-}07 \pm 2.107\text{e-}07$
Sigma	0.0003199 ± 0.0000002

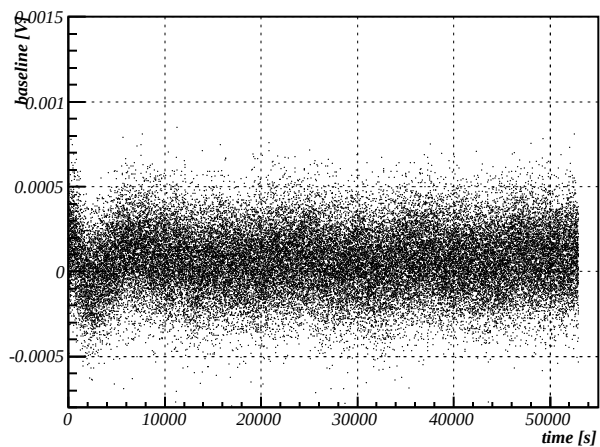
Average event



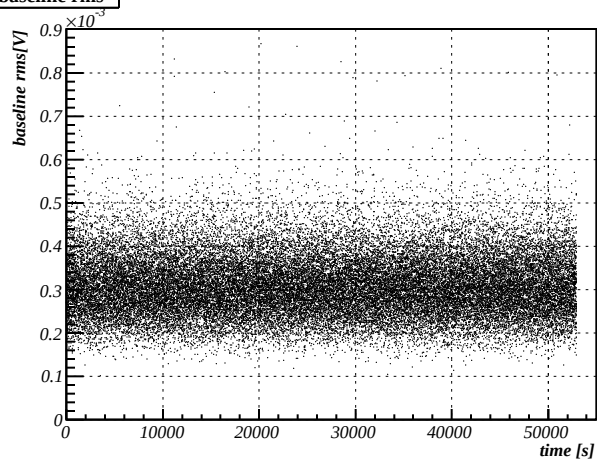
amplitudes



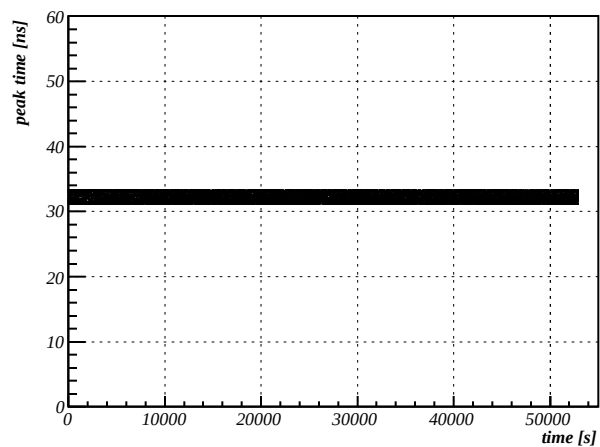
baseline



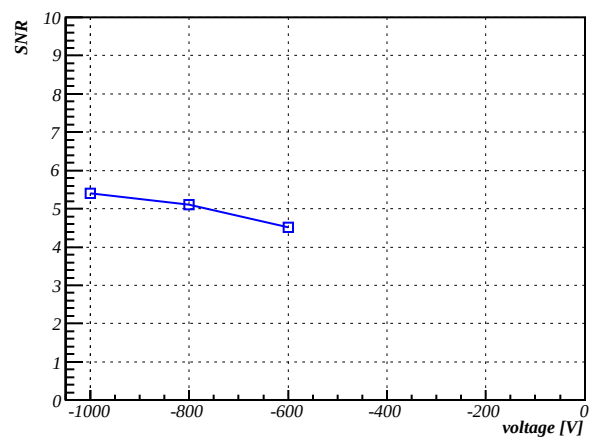
baseline rms



peak time



Signal to noise



SP_061216172012_Fotec409_ceramic7_AfterTC_measurement3.xls