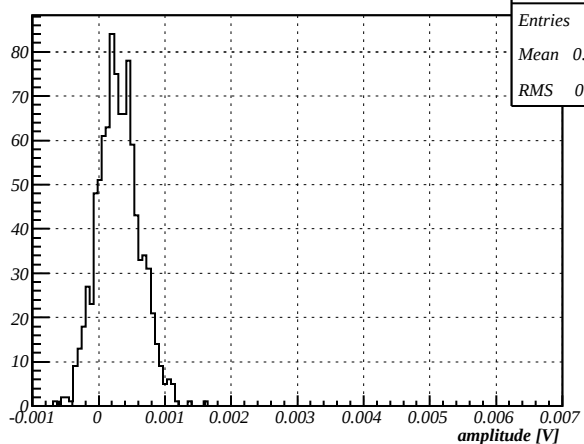
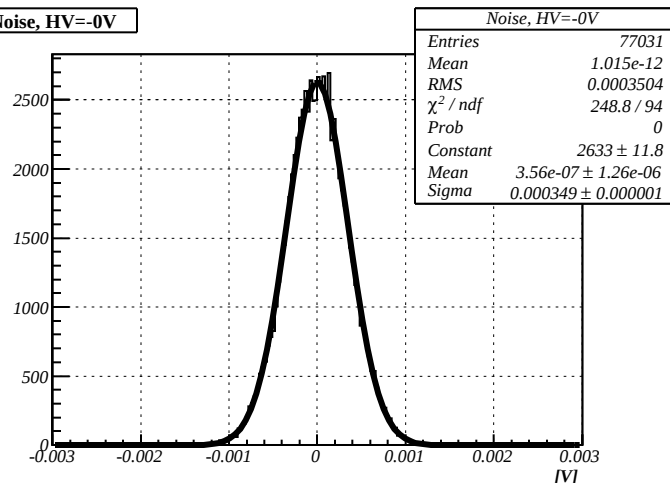


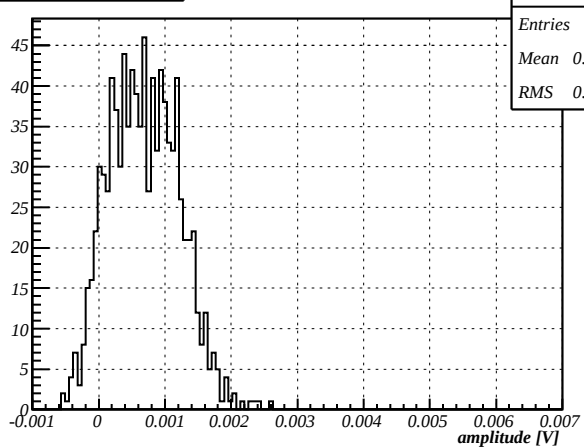
Amplitude, HV=-0V



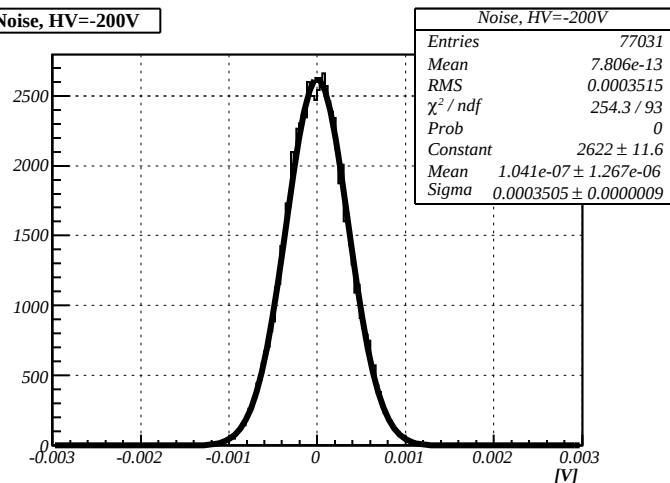
Noise, HV=-0V



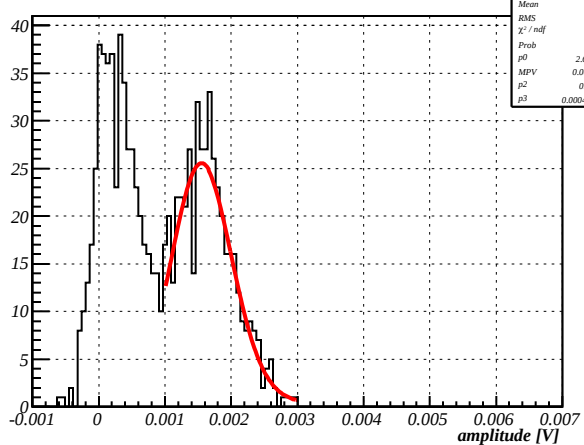
Amplitude, HV=-200V



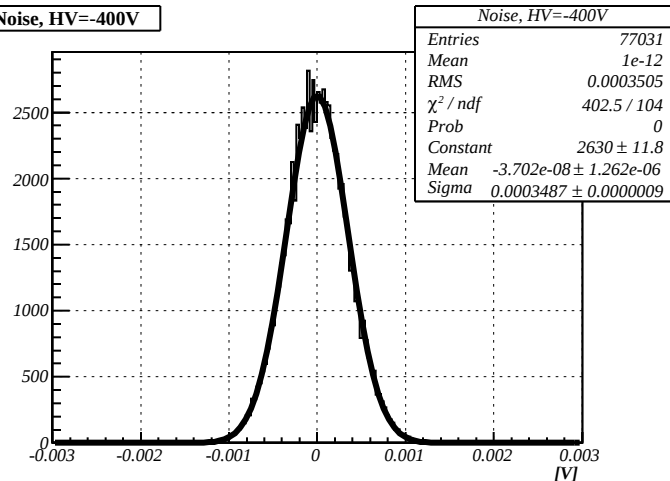
Noise, HV=-200V

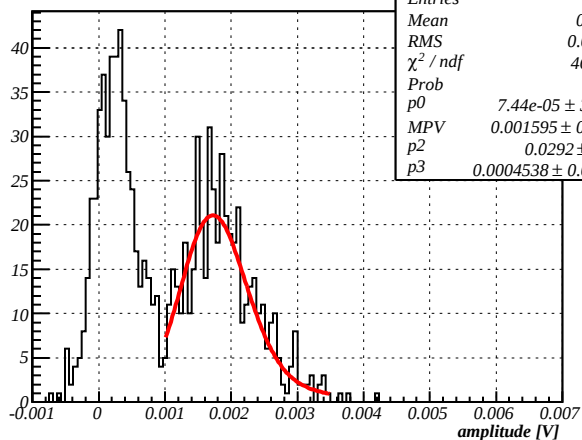


Amplitude, HV=-400V

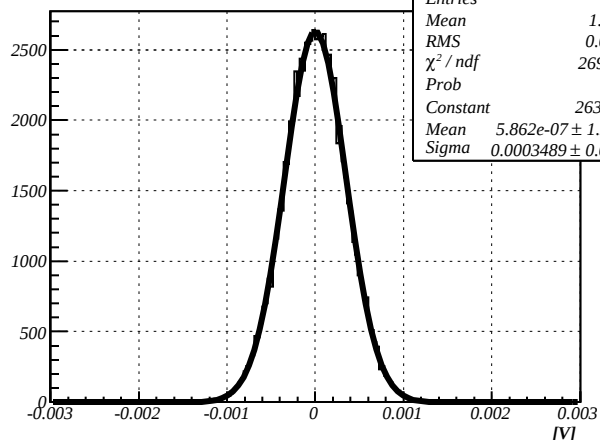


Noise, HV=-400V

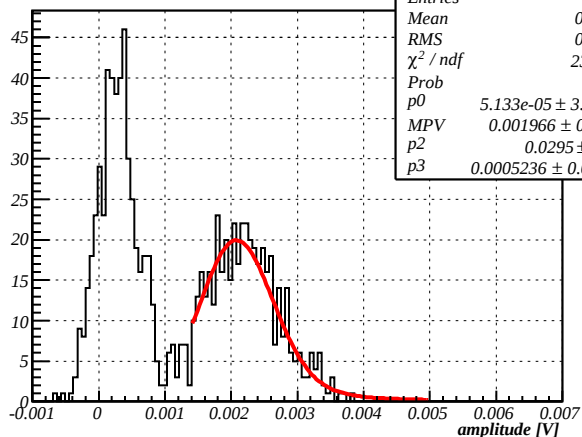


Amplitude, HV=-600V

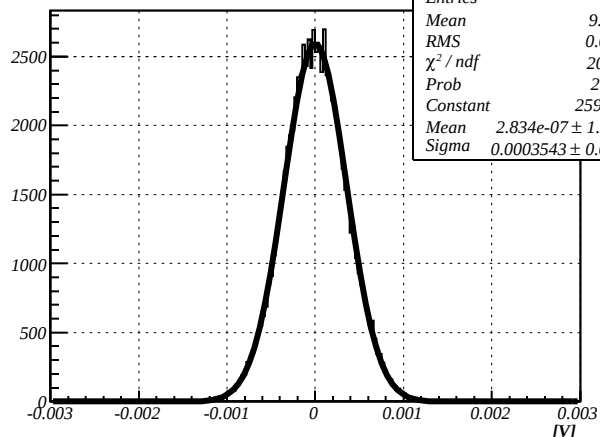
Amplitude, HV=-600V	
Entries	951
Mean	0.001075
RMS	0.0009329
χ^2 / ndf	46.44 / 35
Prob	0.09354
p0	$7.44\text{e-}05 \pm 3.47\text{e-}05$
MPV	0.001595 ± 0.000054
p2	0.0292 ± 0.0016
p3	0.0004538 ± 0.0000633

Noise, HV=-600V

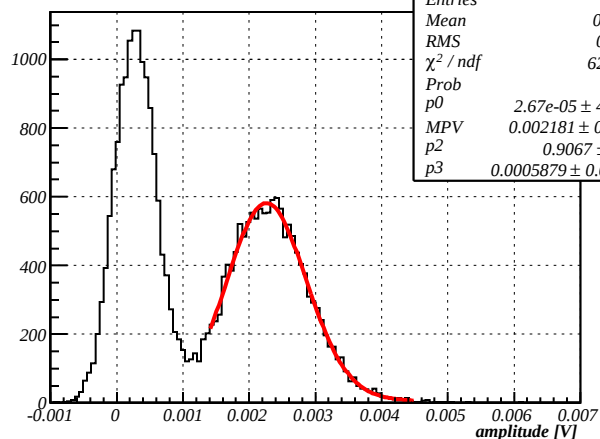
Noise, HV=-600V	
Entries	77031
Mean	$1.522\text{e-}12$
RMS	0.0003513
χ^2 / ndf	269.3 / 106
Prob	0
Constant	2633 ± 11.6
Mean	$5.862\text{e-}07 \pm 1.260\text{e-}06$
Sigma	0.0003489 ± 0.0000009

Amplitude, HV=-800V

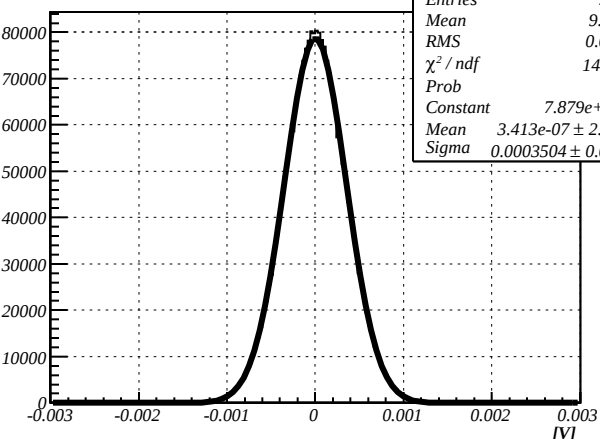
Amplitude, HV=-800V	
Entries	951
Mean	0.001217
RMS	0.001046
χ^2 / ndf	23.05 / 34
Prob	0.9225
p0	$5.133\text{e-}05 \pm 3.979\text{e-}05$
MPV	0.001966 ± 0.000072
p2	0.0295 ± 0.0017
p3	0.0005236 ± 0.0000750

Noise, HV=-800V

Noise, HV=-800V	
Entries	77031
Mean	$9.022\text{e-}08$
RMS	0.0003553
χ^2 / ndf	208.3 / 96
Prob	$2.166\text{e-}11$
Constant	2595 ± 11.5
Mean	$2.834\text{e-}07 \pm 1.280\text{e-}06$
Sigma	0.0003543 ± 0.0000009

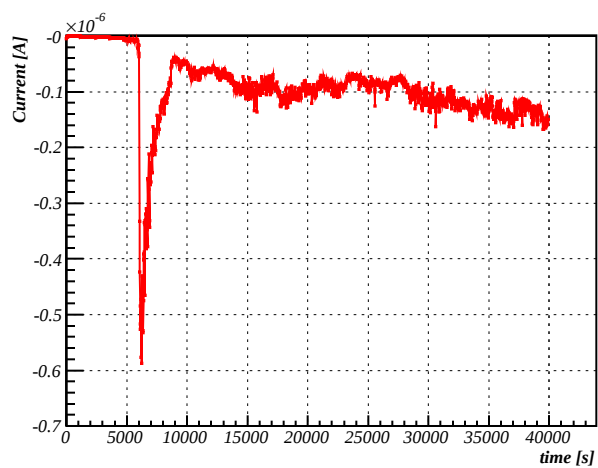
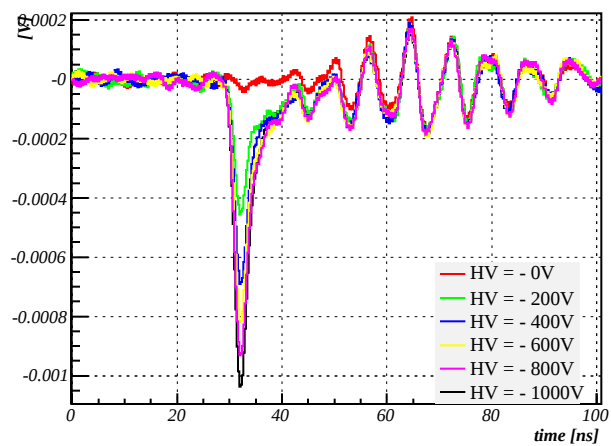
Amplitude, HV=-1000V

Amplitude, HV=-1000V	
Entries	28501
Mean	0.001316
RMS	0.001131
χ^2 / ndf	62.43 / 46
Prob	0.05364
p0	$2.67\text{e-}05 \pm 4.03\text{e-}06$
MPV	0.002181 ± 0.000012
p2	0.9067 ± 0.0084
p3	0.0005879 ± 0.0000095

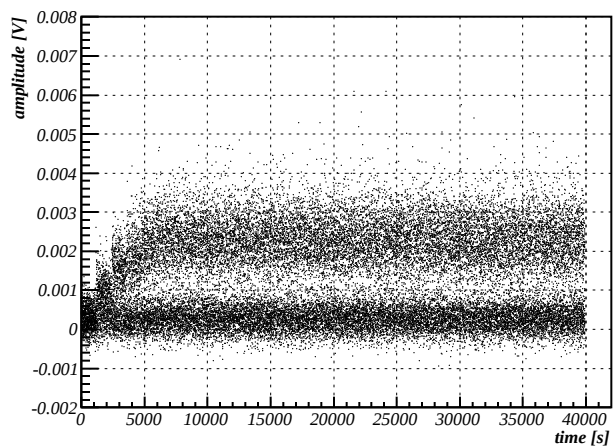
Noise, HV=-1000V

Noise, HV=-1000V	
Entries	2308581
Mean	$9.698\text{e-}08$
RMS	0.0003515
χ^2 / ndf	1477 / 157
Prob	0
Constant	$7.879\text{e+}04 \pm 64$
Mean	$3.413\text{e-}07 \pm 2.307\text{e-}07$
Sigma	0.0003504 ± 0.0000002

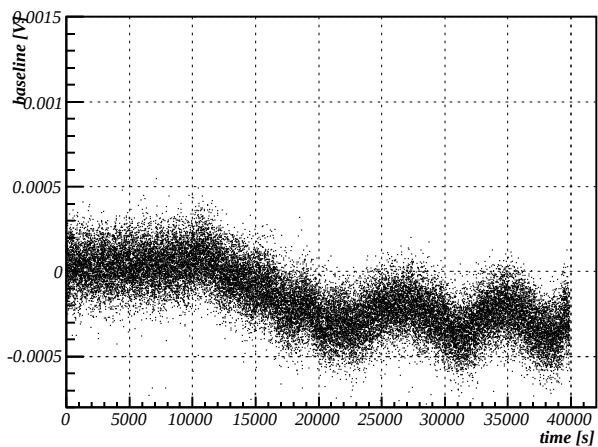
Average event



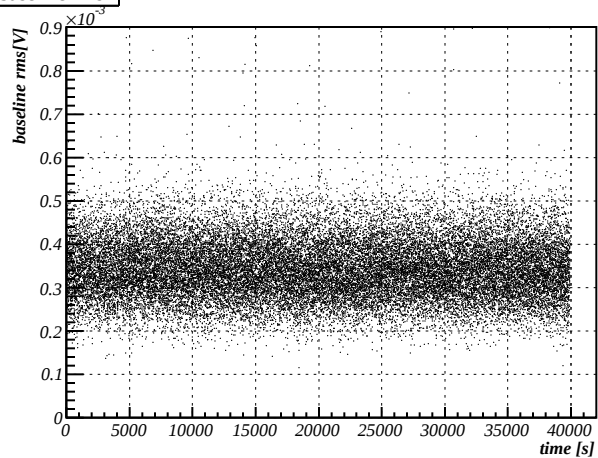
amplitudes



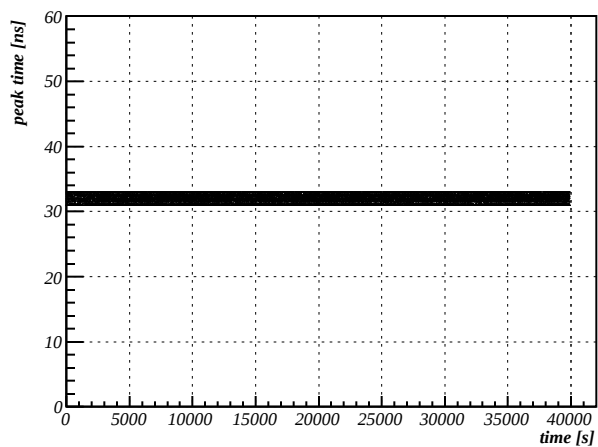
baseline



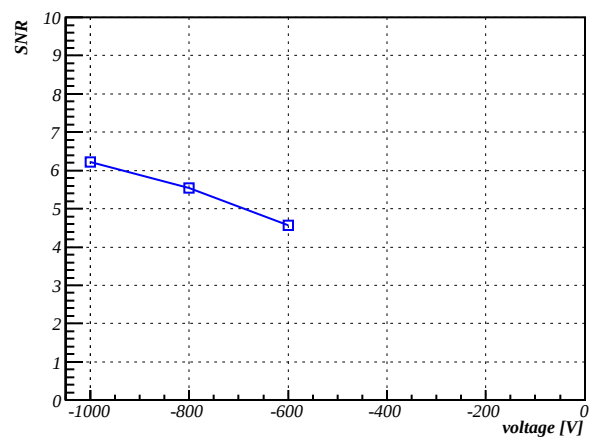
baseline rms



peak time



Signal to noise



SP_070413054857_Fotec406_ceramic15_measurement3.xls