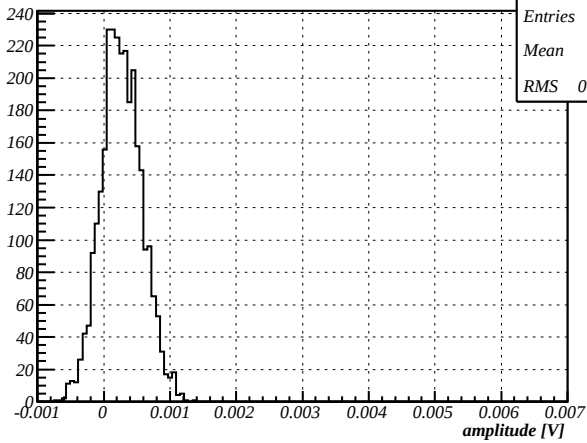
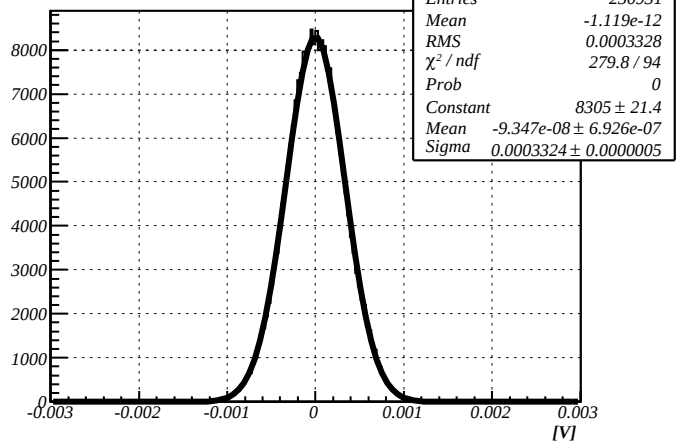


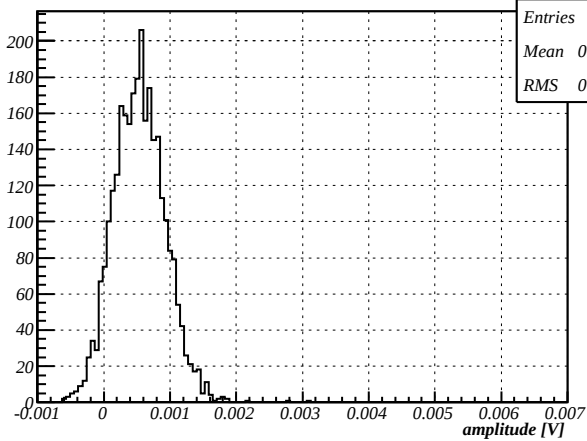
Amplitude, HV=0V



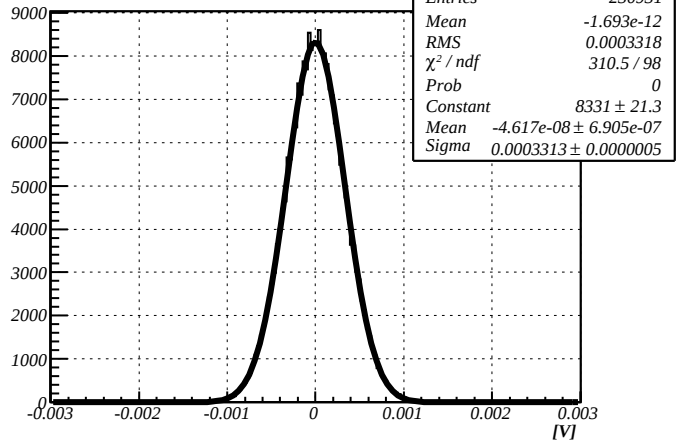
Noise, HV=0V



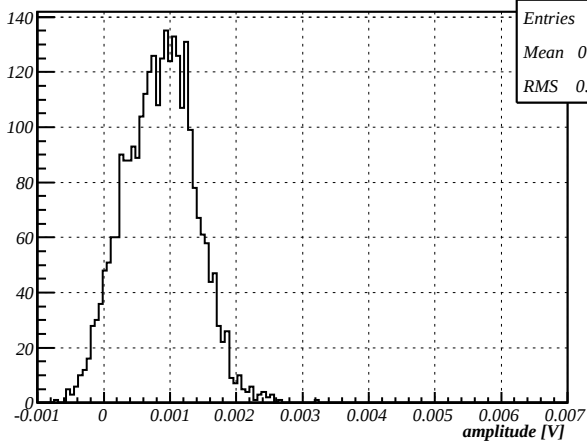
Amplitude, HV=200V



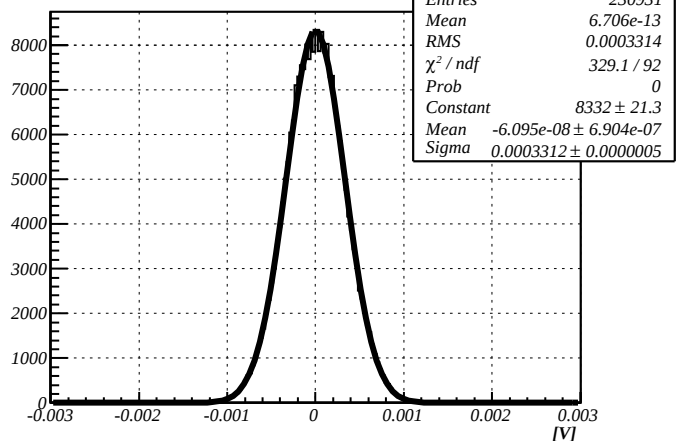
Noise, HV=200V

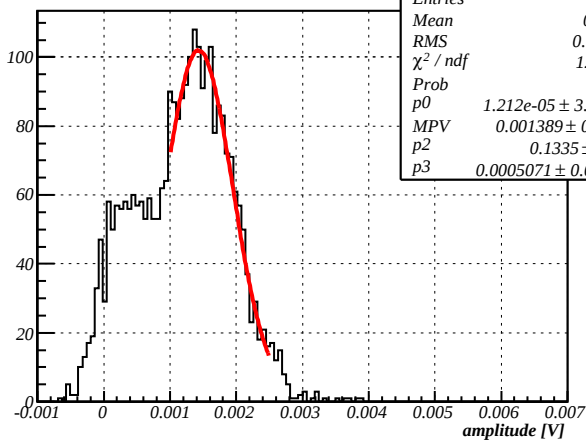


Amplitude, HV=400V

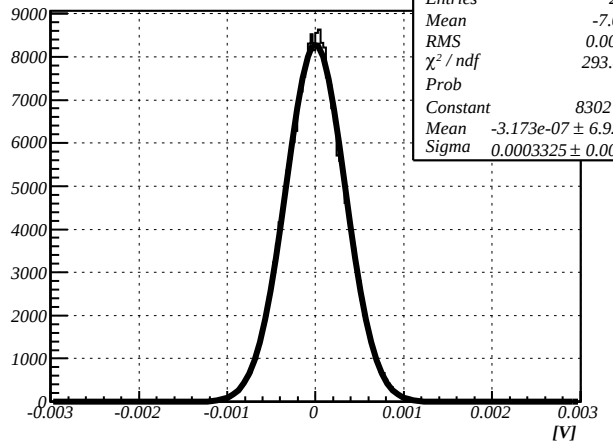


Noise, HV=400V

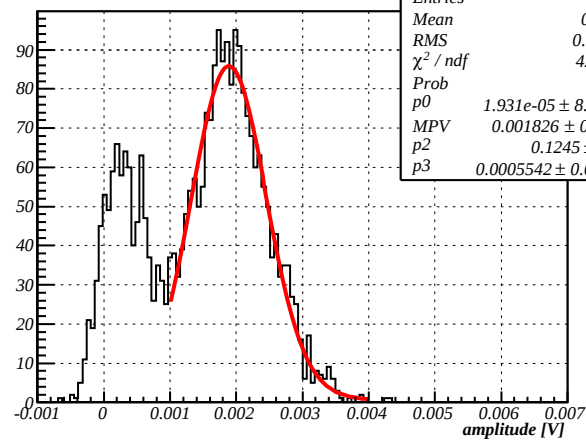


Amplitude, HV=600V

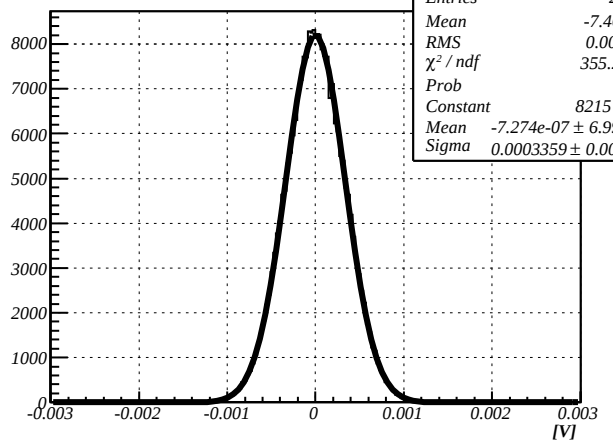
Amplitude, HV=600V	
Entries	2851
Mean	0.001181
RMS	0.0007171
χ^2 / ndf	12.57 / 20
Prob	0.8952
p0	$1.212\text{e-}05 \pm 3.857\text{e-}06$
MPV	0.001389 ± 0.000012
p2	0.1335 ± 0.0037
p3	0.0005071 ± 0.0000097

Noise, HV=600V

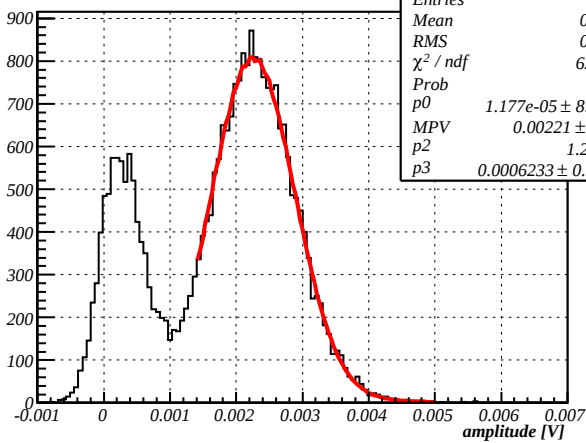
Noise, HV=600V	
Entries	230931
Mean	-7.09e-08
RMS	0.0003335
χ^2 / ndf	293.4 / 110
Prob	0
Constant	8302 ± 21.2
Mean	$-3.173\text{e-}07 \pm 6.925\text{e-}07$
Sigma	0.0003325 ± 0.0000005

Amplitude, HV=800V

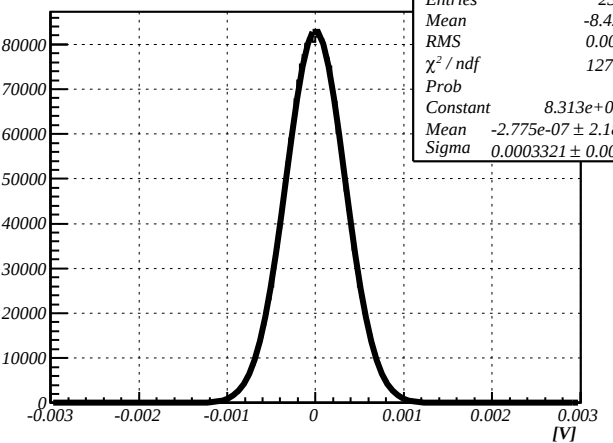
Amplitude, HV=800V	
Entries	2851
Mean	0.001461
RMS	0.0009064
χ^2 / ndf	42.09 / 42
Prob	0.467
p0	$1.931\text{e-}05 \pm 8.042\text{e-}06$
MPV	0.001826 ± 0.000027
p2	0.1245 ± 0.0031
p3	0.0005542 ± 0.0000186

Noise, HV=800V

Noise, HV=800V	
Entries	230931
Mean	-7.465e-08
RMS	0.0003381
χ^2 / ndf	355.2 / 133
Prob	0
Constant	8215 ± 20.8
Mean	$-7.274\text{e-}07 \pm 6.996\text{e-}07$
Sigma	0.0003359 ± 0.0000005

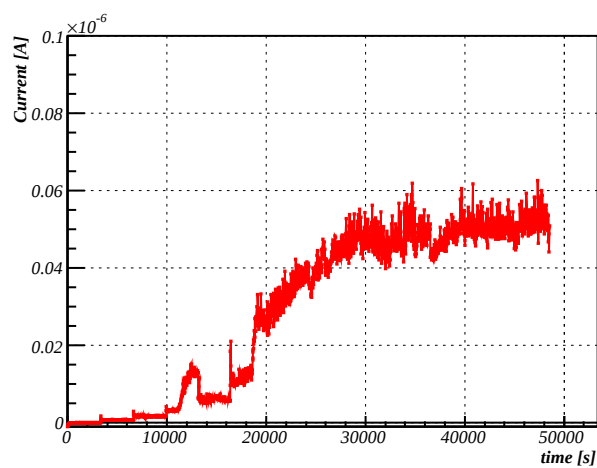
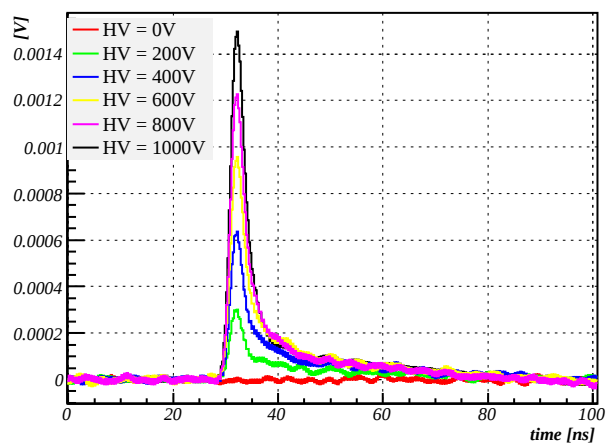
Amplitude, HV=1000V

Amplitude, HV=1000V	
Entries	28498
Mean	0.001747
RMS	0.001057
χ^2 / ndf	62.58 / 55
Prob	0.2251
p0	$1.177\text{e-}05 \pm 8.363\text{e-}07$
MPV	0.00221 ± 0.00000
p2	1.29 ± 0.01
p3	0.0006233 ± 0.0000023

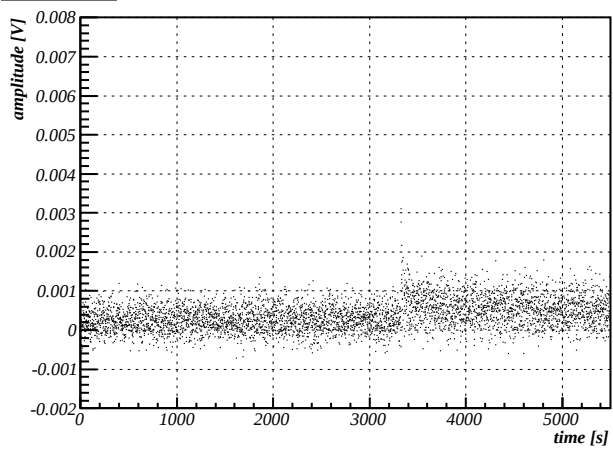
Noise, HV=1000V

Noise, HV=1000V	
Entries	2308338
Mean	-8.426e-08
RMS	0.0003328
χ^2 / ndf	1278 / 151
Prob	0
Constant	$8.313\text{e+}04 \pm 68$
Mean	$-2.775\text{e-}07 \pm 2.187\text{e-}07$
Sigma	0.0003321 ± 0.0000002

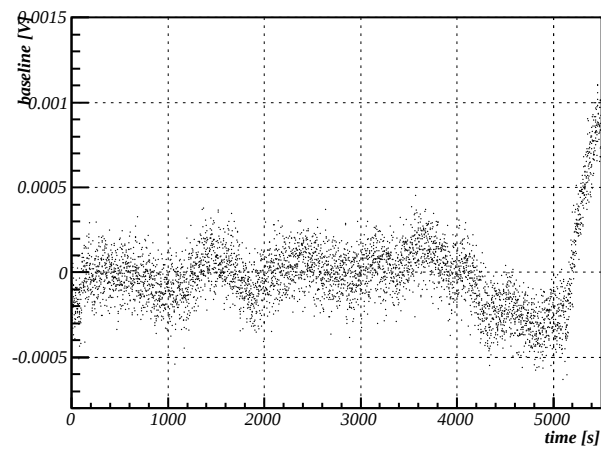
Average event



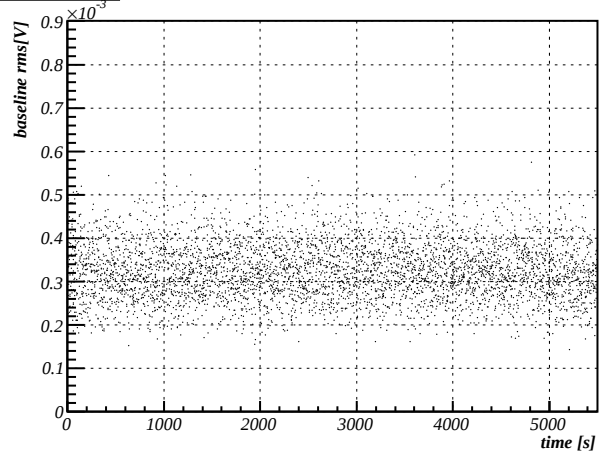
amplitudes



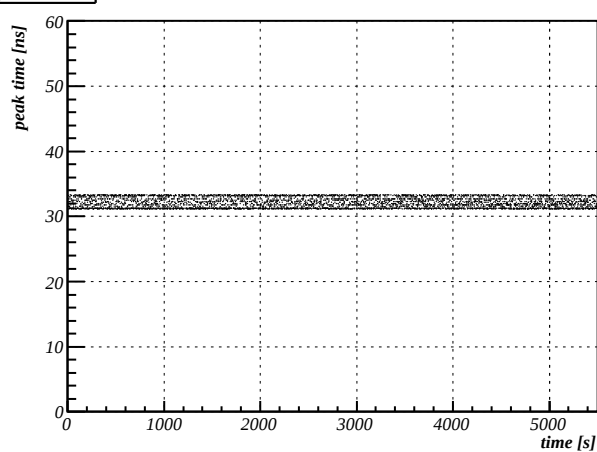
baseline



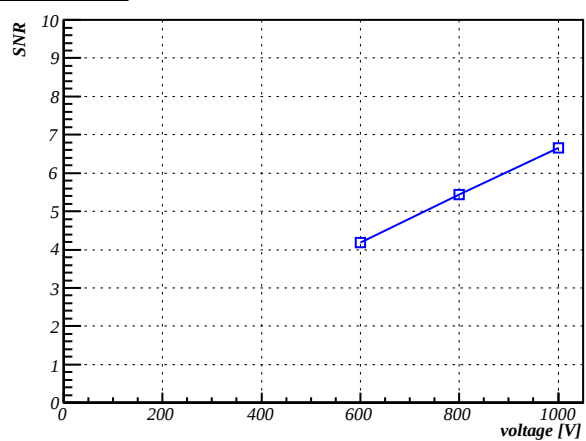
baseline rms



peak time



Signal to noise



SP_061212105717_Fotec408_ceramic1_AfterTC_measurement1.xls