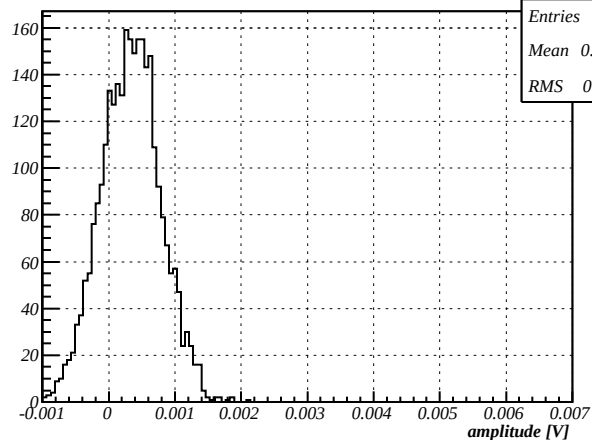
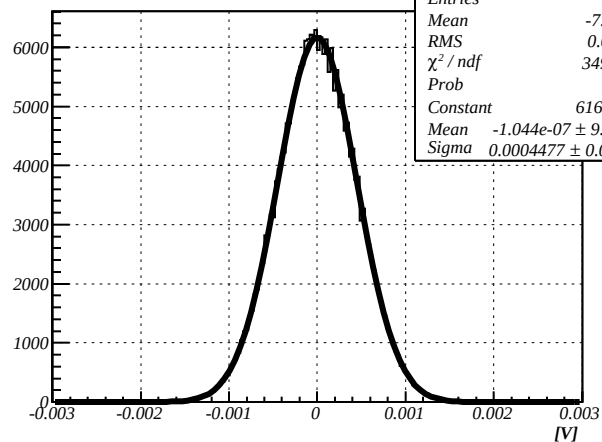
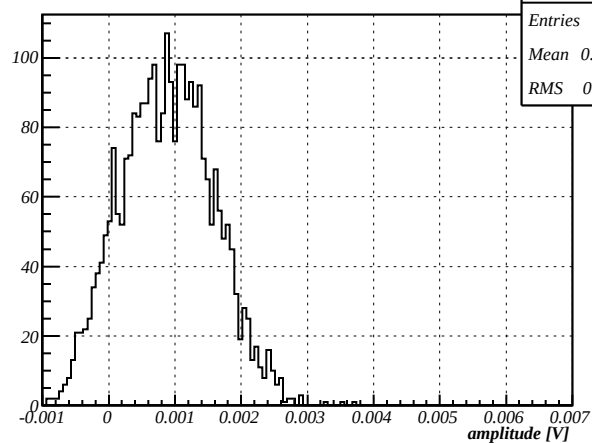


Amplitude, HV=0V**Amplitude, HV=0V**

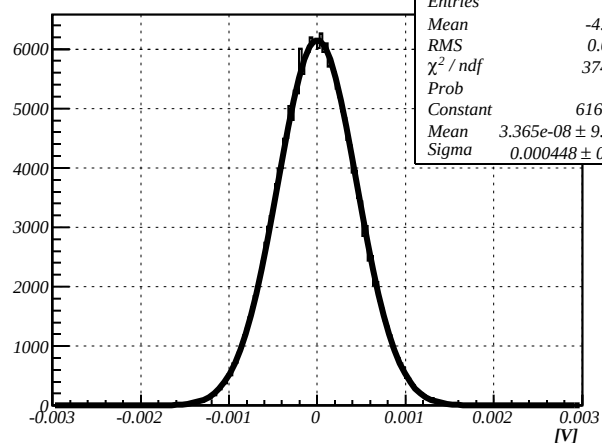
Entries	2851
Mean	0.0003337
RMS	0.0004449

Noise, HV=0V**Noise, HV=0V**

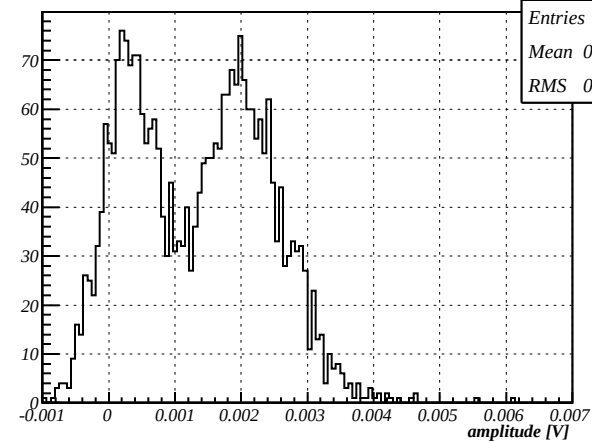
Entries	230931
Mean	-7.608e-12
RMS	0.0004483
χ^2 / ndf	349.2 / 130
Prob	0
Constant	6164 ± 15.7
Mean	-1.044e-07 ± 9.328e-07
Sigma	0.0004477 ± 0.0000007

Amplitude, HV=200V**Amplitude, HV=200V**

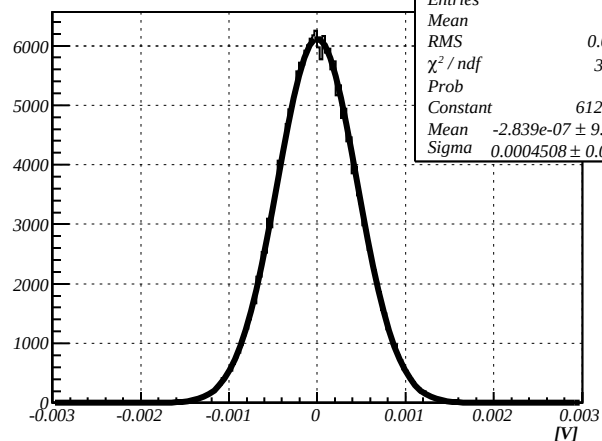
Entries	2851
Mean	0.0008876
RMS	0.0006918

Noise, HV=200V**Noise, HV=200V**

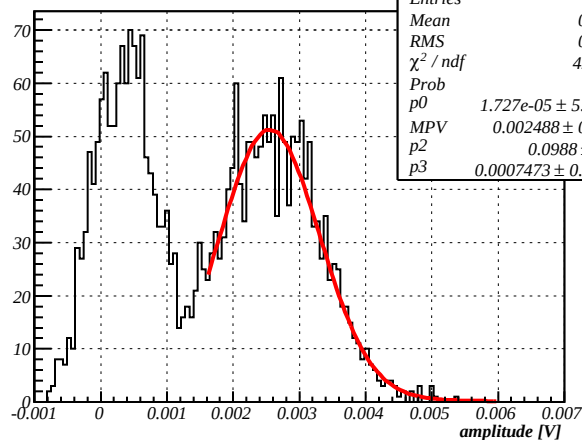
Entries	230931
Mean	-4.489e-12
RMS	0.0004488
χ^2 / ndf	374.3 / 120
Prob	0
Constant	6160 ± 15.7
Mean	3.365e-08 ± 9.347e-07
Sigma	0.000448 ± 0.000001

Amplitude, HV=400V**Amplitude, HV=400V**

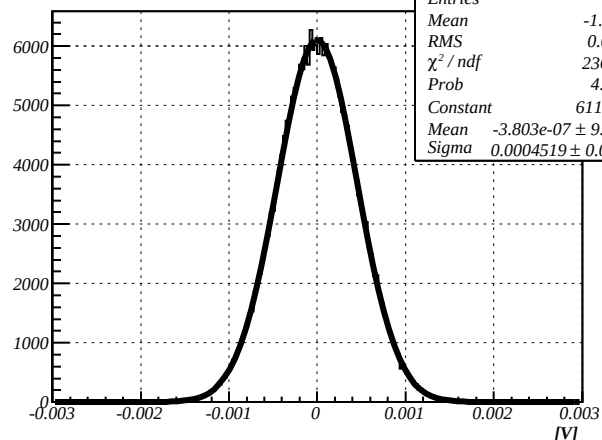
Entries	2851
Mean	0.001336
RMS	0.001037

Noise, HV=400V**Noise, HV=400V**

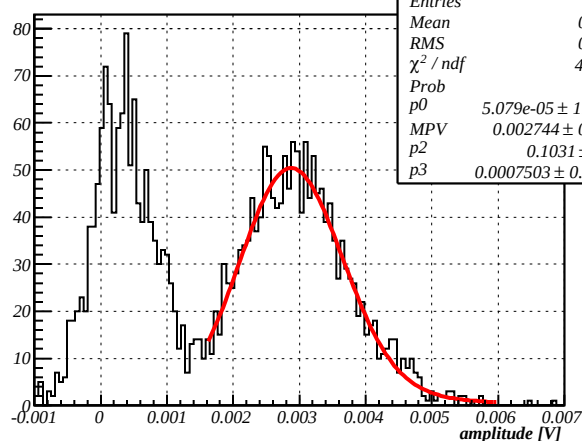
Entries	230931
Mean	-6.6e-12
RMS	0.0004514
χ^2 / ndf	305 / 128
Prob	0
Constant	6123 ± 15.7
Mean	-2.839e-07 ± 9.395e-07
Sigma	0.0004508 ± 0.0000007

Amplitude, HV=600V

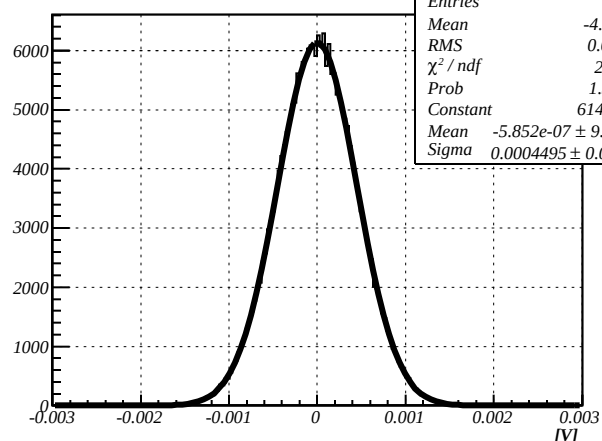
Amplitude, HV=600V	
Entries	2851
Mean	0.001619
RMS	0.001283
χ^2 / ndf	42.42 / 50
Prob	0.768
p0	$1.727\text{e-}05 \pm 5.025\text{e-}06$
MPV	0.002488 ± 0.000020
p2	0.0988 ± 0.0029
p3	0.0007473 ± 0.0000192

Noise, HV=600V

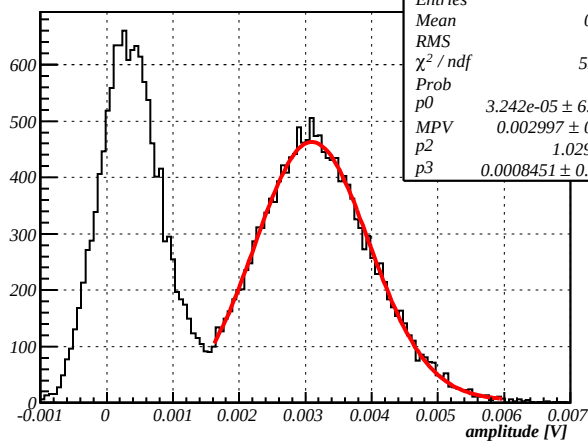
Noise, HV=600V	
Entries	230931
Mean	$-1.242\text{e-}07$
RMS	0.0004525
χ^2 / ndf	236.7 / 135
Prob	4.287e-08
Constant	6110 ± 15.6
Mean	$-3.803\text{e-}07 \pm 9.411\text{e-}07$
Sigma	0.0004519 ± 0.0000007

Amplitude, HV=800V

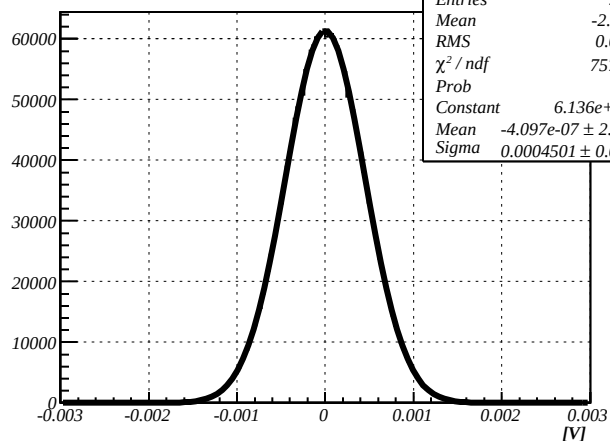
Amplitude, HV=800V	
Entries	2851
Mean	0.001879
RMS	0.001472
χ^2 / ndf	44.08 / 61
Prob	0.9496
p0	$5.079\text{e-}05 \pm 1.997\text{e-}05$
MPV	0.002744 ± 0.000049
p2	0.1031 ± 0.0027
p3	0.0007503 ± 0.0000373

Noise, HV=800V

Noise, HV=800V	
Entries	230931
Mean	$-4.529\text{e-}07$
RMS	0.0004515
χ^2 / ndf	257 / 159
Prob	1.384e-06
Constant	6141 ± 15.8
Mean	$-5.852\text{e-}07 \pm 9.360\text{e-}07$
Sigma	0.0004495 ± 0.0000007

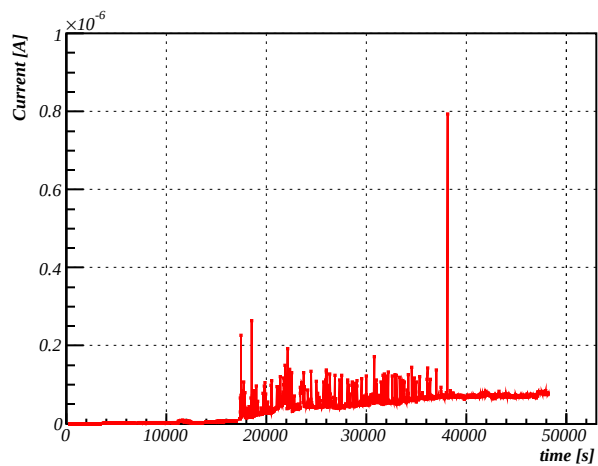
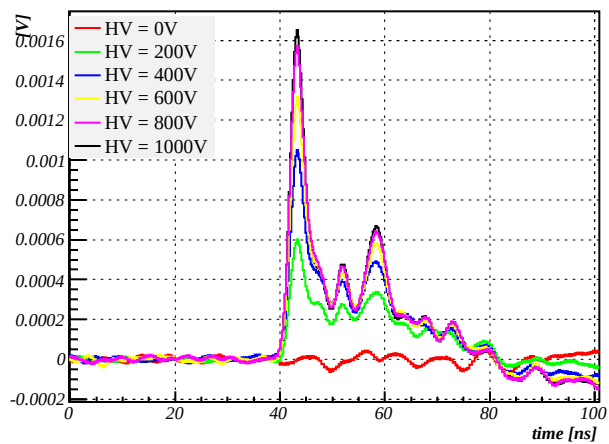
Amplitude, HV=1000V

Amplitude, HV=1000V	
Entries	28501
Mean	0.001971
RMS	0.00157
χ^2 / ndf	55.75 / 68
Prob	0.8562
p0	$3.242\text{e-}05 \pm 6.025\text{e-}06$
MPV	0.002997 ± 0.000018
p2	1.029 ± 0.008
p3	0.0008451 ± 0.0000117

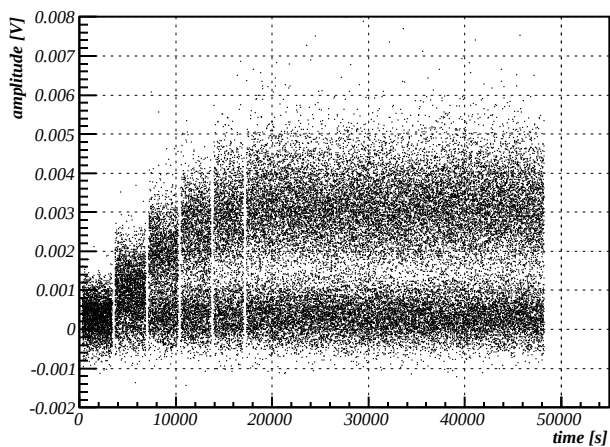
Noise, HV=1000V

Noise, HV=1000V	
Entries	2308581
Mean	$-2.659\text{e-}07$
RMS	0.0004509
χ^2 / ndf	757.8 / 178
Prob	0
Constant	$6.136\text{e+}04 \pm 50$
Mean	$-4.097\text{e-}07 \pm 2.963\text{e-}07$
Sigma	0.0004501 ± 0.0000002

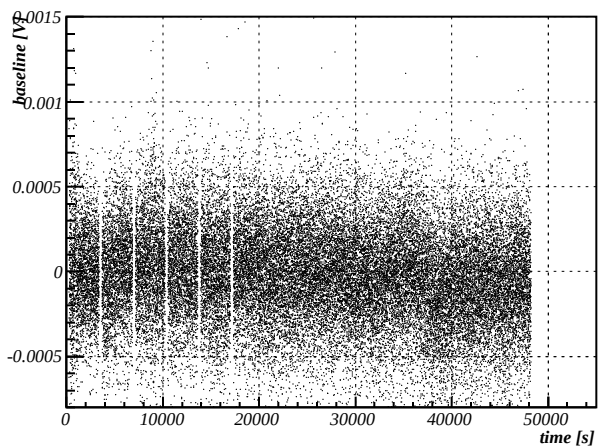
Average event



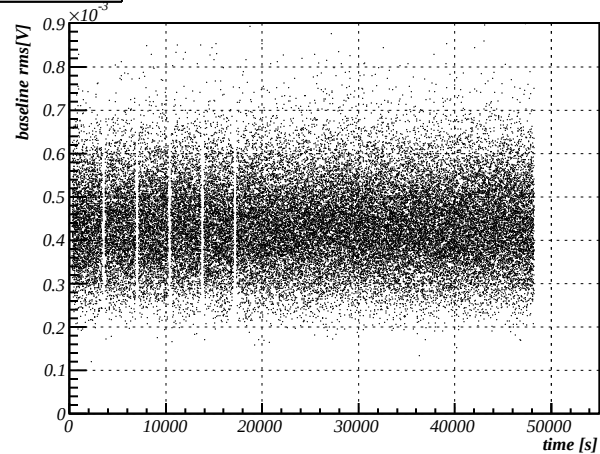
amplitudes



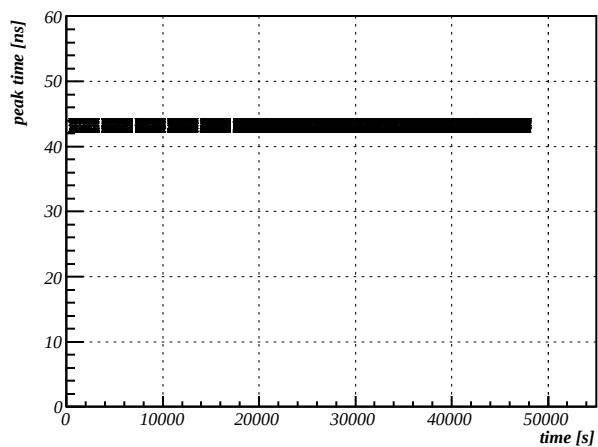
baseline



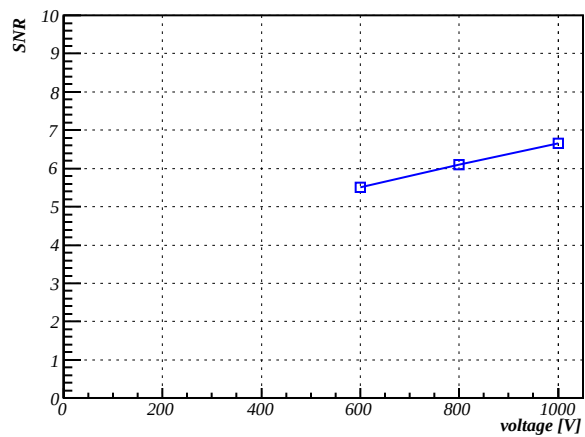
baseline rms



peak time



Signal to noise



SP_070125204936_Fotec401_A422-7_A422-5_measurement1.xls