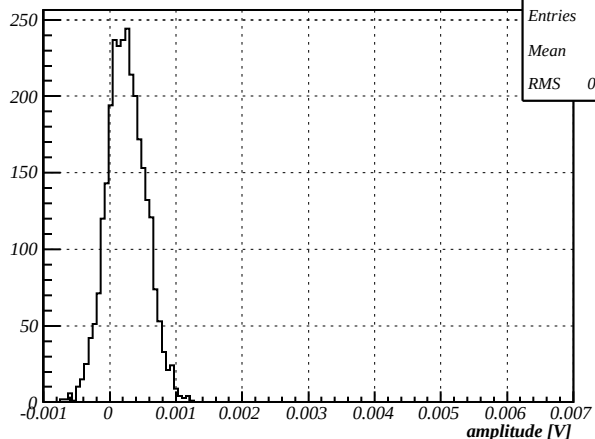
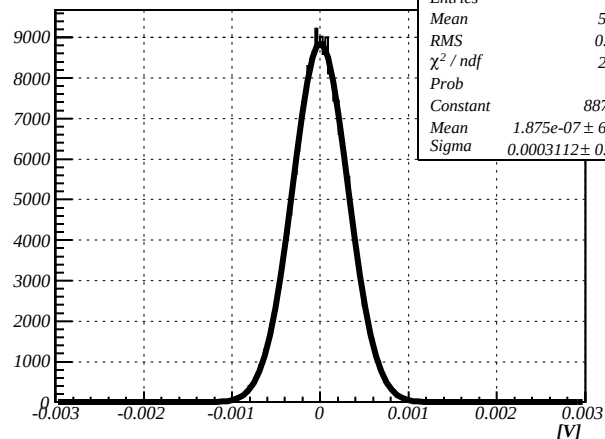
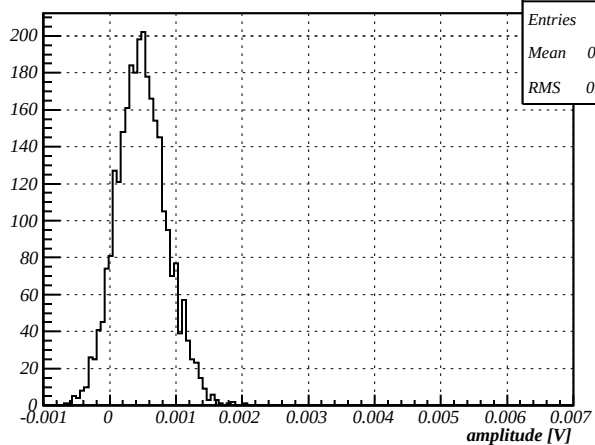


Amplitude, HV=-0V

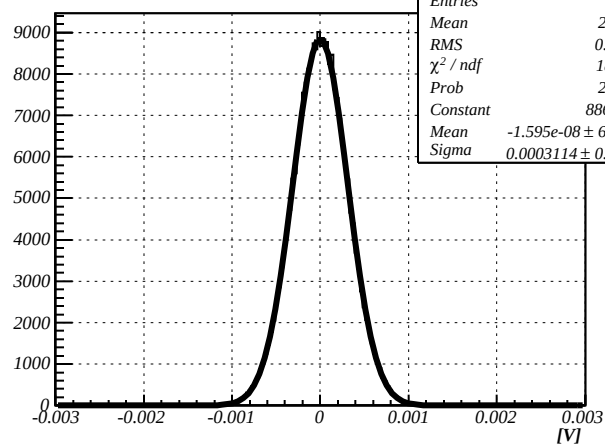
Amplitude, HV=-0V	
Entries	2851
Mean	0.000251
RMS	0.0002898

Noise, HV=-0V

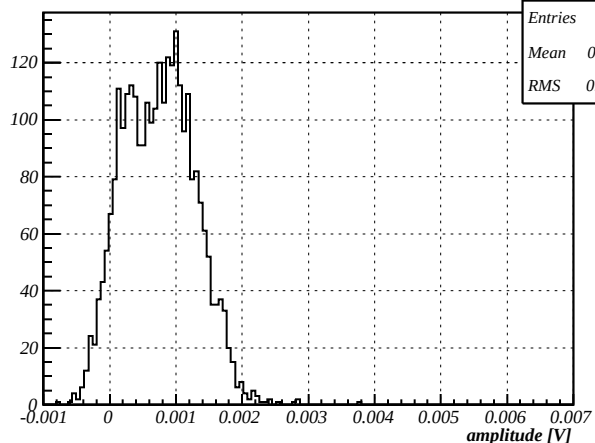
Noise, HV=-0V	
Entries	230931
Mean	5.534e-12
RMS	0.0003118
χ^2 / ndf	268.1 / 88
Prob	0
Constant	8871 $\pm$ 22.6
Mean	1.875e-07 $\pm$ 6.480e-07
Sigma	0.0003112 $\pm$ 0.0000005

Amplitude, HV=-200V

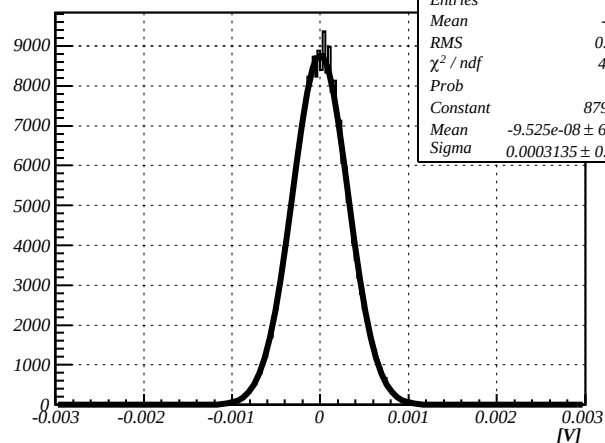
Amplitude, HV=-200V	
Entries	2851
Mean	0.0004843
RMS	0.0003727

Noise, HV=-200V

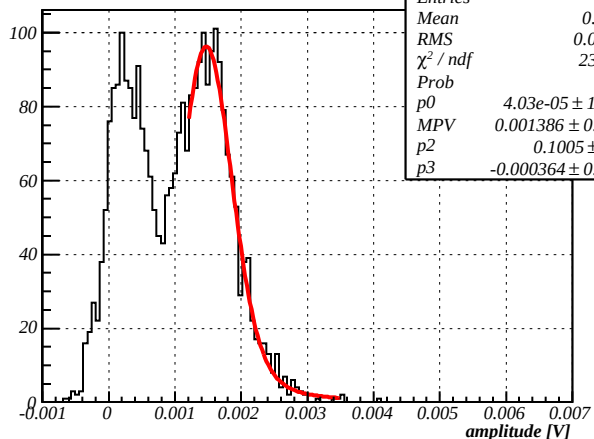
Noise, HV=-200V	
Entries	230931
Mean	2.265e-12
RMS	0.0003117
χ^2 / ndf	187.3 / 87
Prob	2.795e-10
Constant	8868 $\pm$ 22.8
Mean	-1.595e-08 $\pm$ 6.484e-07
Sigma	0.0003114 $\pm$ 0.0000005

Amplitude, HV=-400V

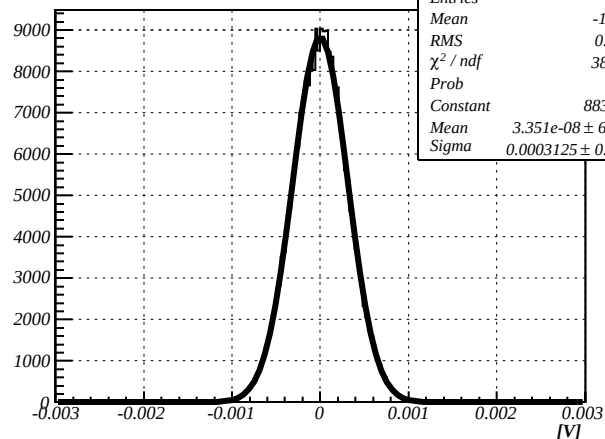
Amplitude, HV=-400V	
Entries	2851
Mean	0.0007441
RMS	0.0005386

Noise, HV=-400V

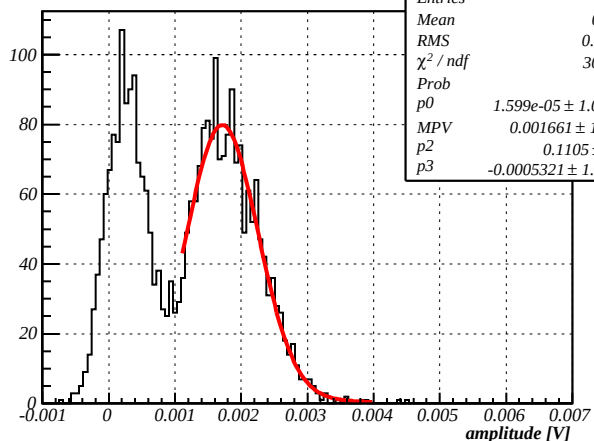
Noise, HV=-400V	
Entries	230931
Mean	-5.88e-13
RMS	0.0003139
χ^2 / ndf	425.2 / 92
Prob	0
Constant	8799 $\pm$ 22.7
Mean	-9.525e-08 $\pm$ 6.534e-07
Sigma	0.0003135 $\pm$ 0.0000005

Amplitude, HV=-600V

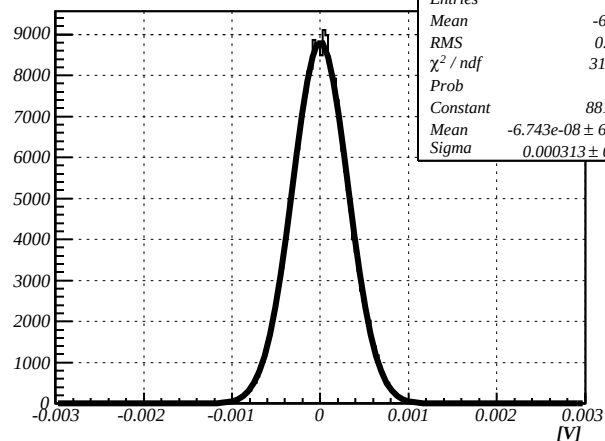
Amplitude, HV=-600V	
Entries	2851
Mean	0.001007
RMS	0.0007276
χ^2 / ndf	23.78 / 28
Prob	0.6933
p0	$4.03\text{e-}05 \pm 1.04\text{e-}05$
MPV	0.001386 ± 0.000034
p2	0.1005 ± 0.0065
p3	-0.000364 ± 0.000040

Noise, HV=-600V

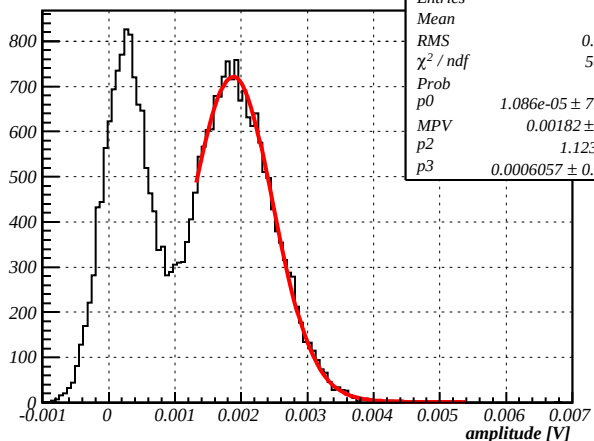
Noise, HV=-600V	
Entries	230931
Mean	-1.102e-12
RMS	0.0003141
χ^2 / ndf	383.8 / 114
Prob	0
Constant	8830 ± 22.6
Mean	$3.351\text{e-}08 \pm 6.509\text{e-}07$
Sigma	0.0003125 ± 0.0000005

Amplitude, HV=-800V

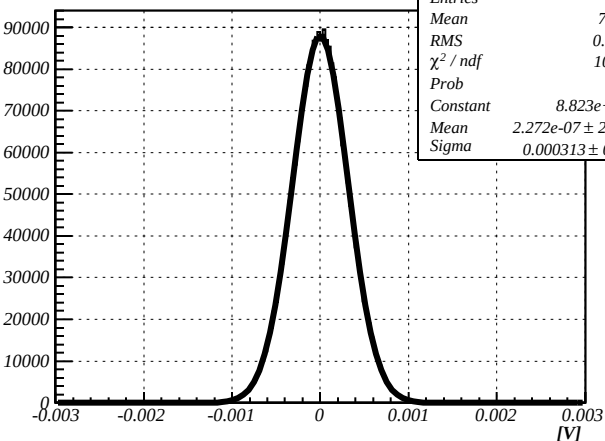
Amplitude, HV=-800V	
Entries	2851
Mean	0.001183
RMS	0.0008713
χ^2 / ndf	30.96 / 36
Prob	0.7068
p0	$1.599\text{e-}05 \pm 1.000\text{e+}00$
MPV	0.001661 ± 1.000000
p2	0.1105 ± 1.0000
p3	-0.0005321 ± 1.0000005

Noise, HV=-800V

Noise, HV=-800V	
Entries	230931
Mean	-6.704e-13
RMS	0.0003142
χ^2 / ndf	316.4 / 109
Prob	0
Constant	8818 ± 22.5
Mean	$-6.743\text{e-}08 \pm 6.520\text{e-}07$
Sigma	0.000313 ± 0.000000

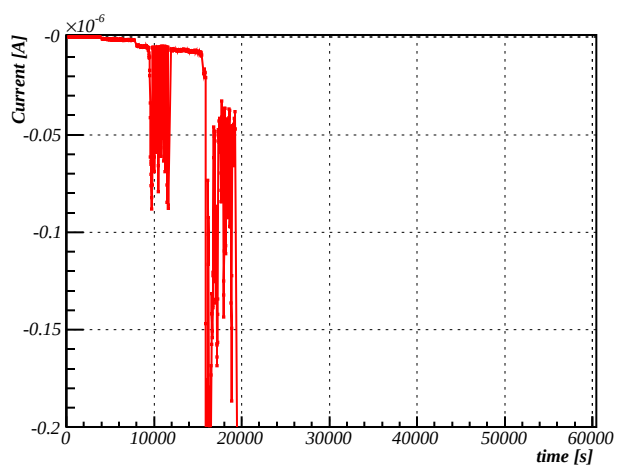
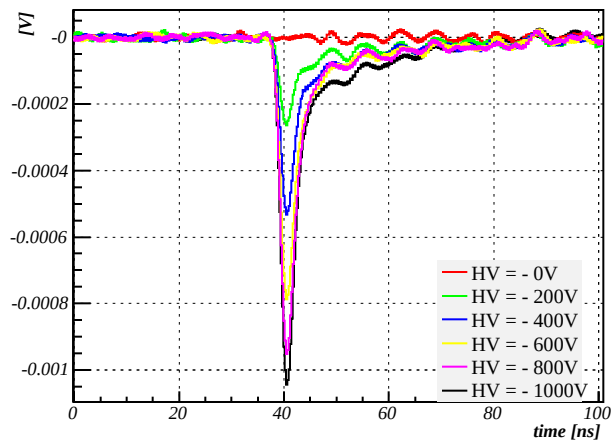
Amplitude, HV=-1000V

Amplitude, HV=-1000V	
Entries	28501
Mean	0.00128
RMS	0.0009653
χ^2 / ndf	56.66 / 49
Prob	0.2108
p0	$1.086\text{e-}05 \pm 7.680\text{e-}07$
MPV	0.00182 ± 0.00000
p2	1.123 ± 0.009
p3	0.0006057 ± 0.0000024

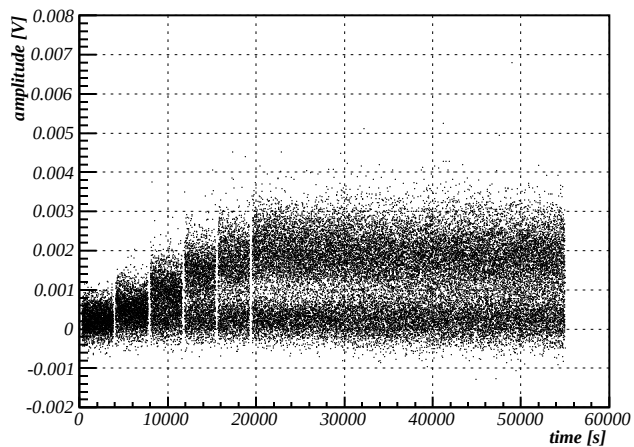
Noise, HV=-1000V

Noise, HV=-1000V	
Entries	2308581
Mean	7.904e-08
RMS	0.0003137
χ^2 / ndf	1012 / 153
Prob	0
Constant	$8.823\text{e+}04 \pm 72$
Mean	$2.272\text{e-}07 \pm 2.061\text{e-}07$
Sigma	0.000313 ± 0.000000

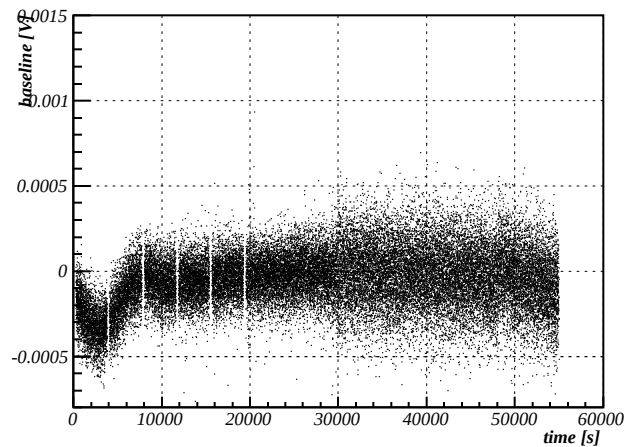
Average event



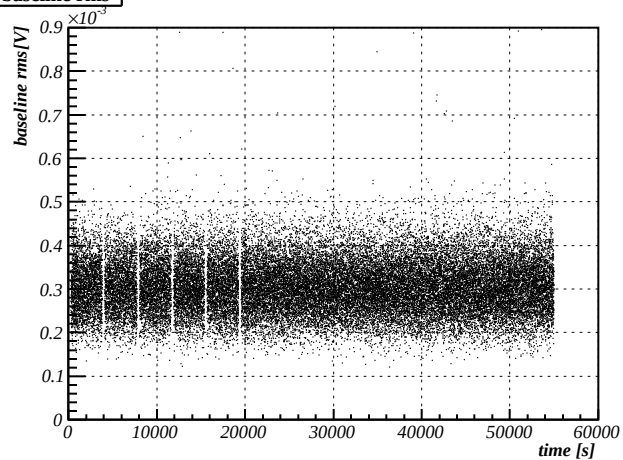
amplitudes



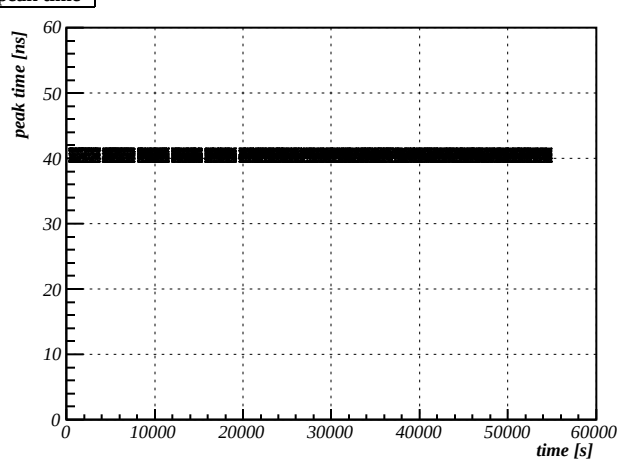
baseline



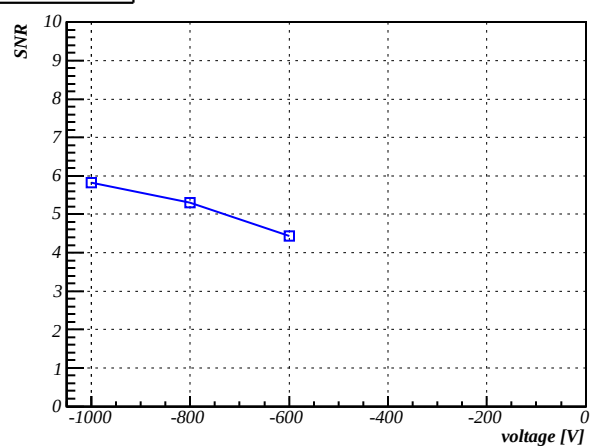
baseline rms



peak time



Signal to noise



SP_070625200729_Fotec409_46TO-4_46TO-1_measurement3.xls