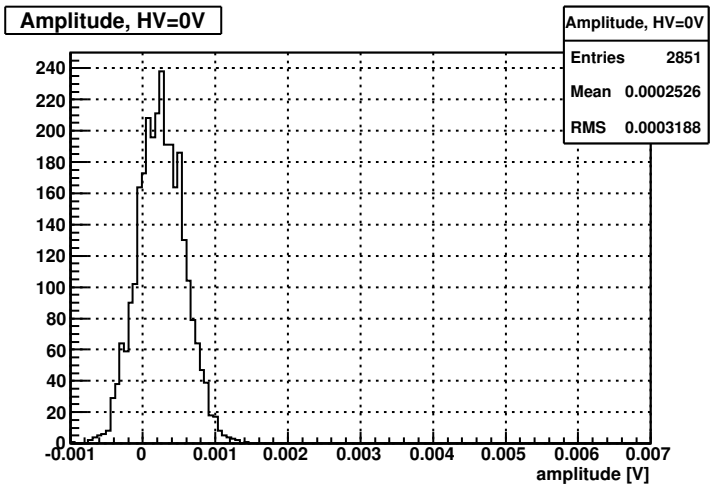
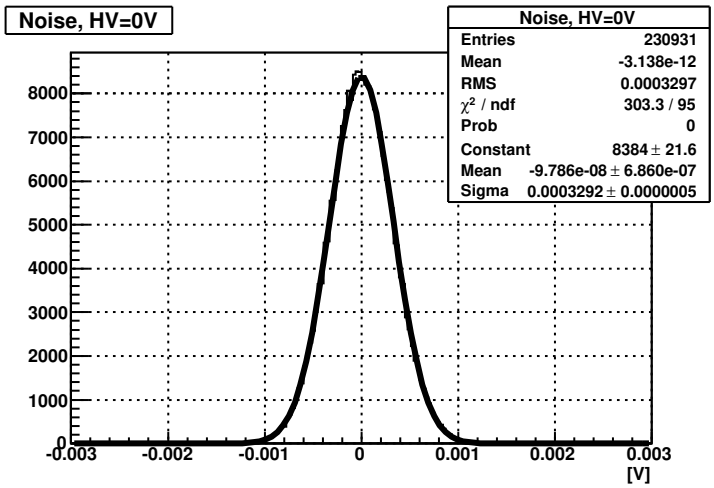
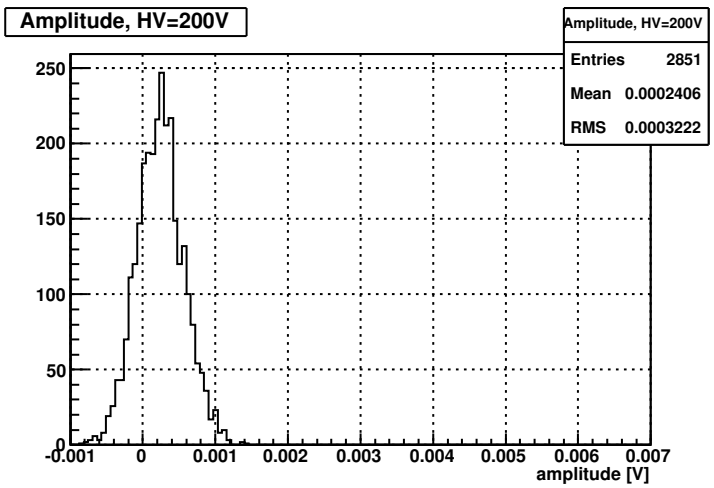
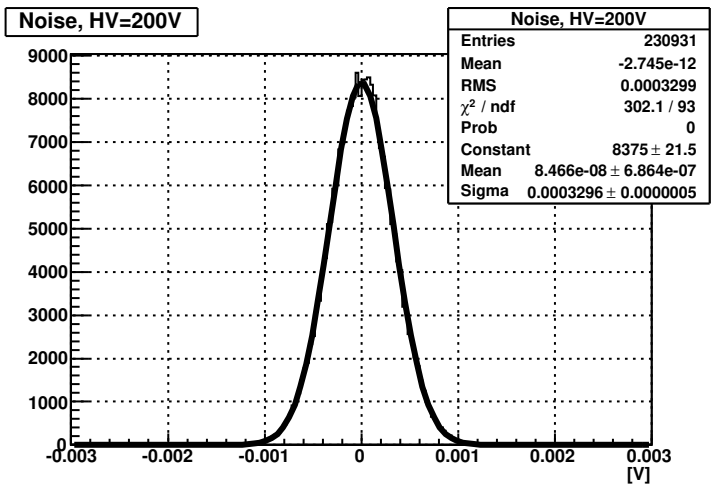
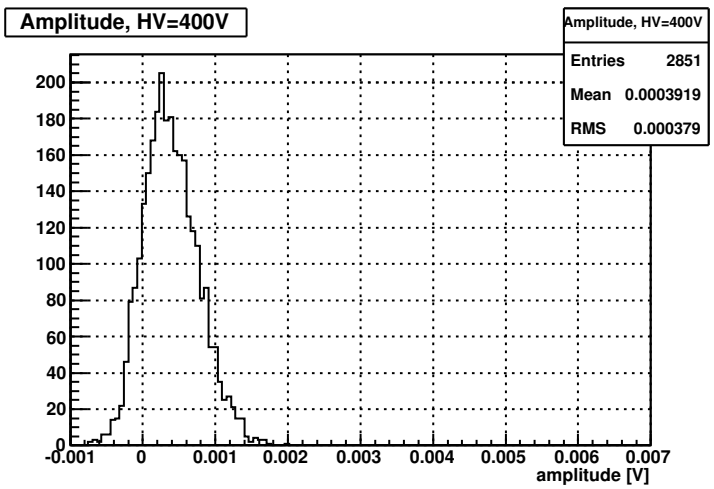
Fotec Box 404, (A382-7 and CDS-160), Measurement 1 (BWL 200MHz)

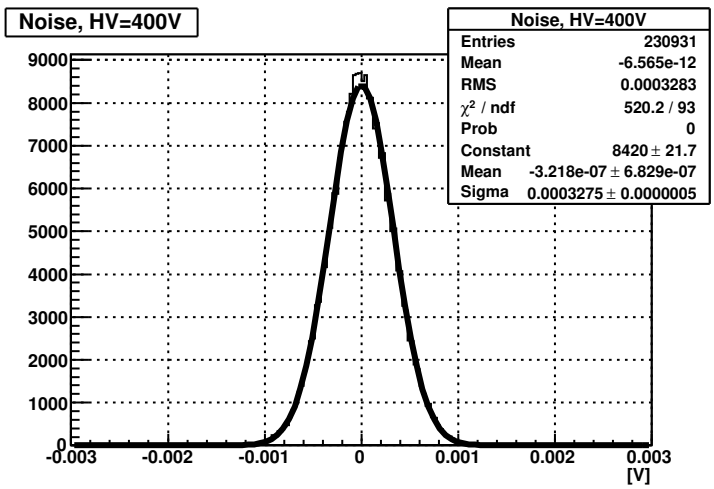


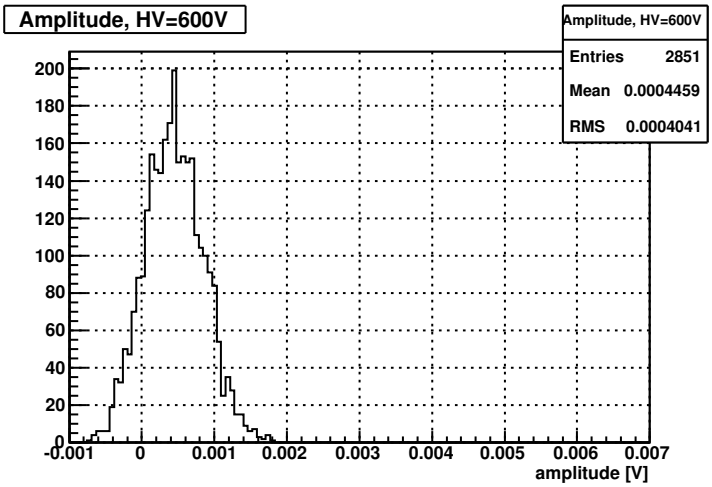


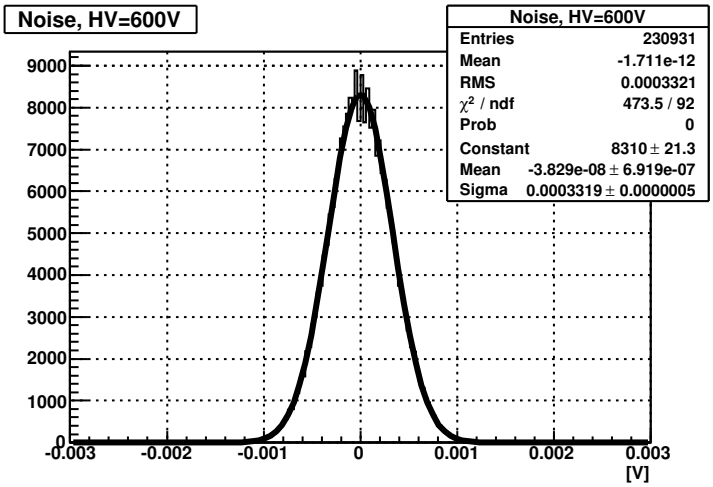


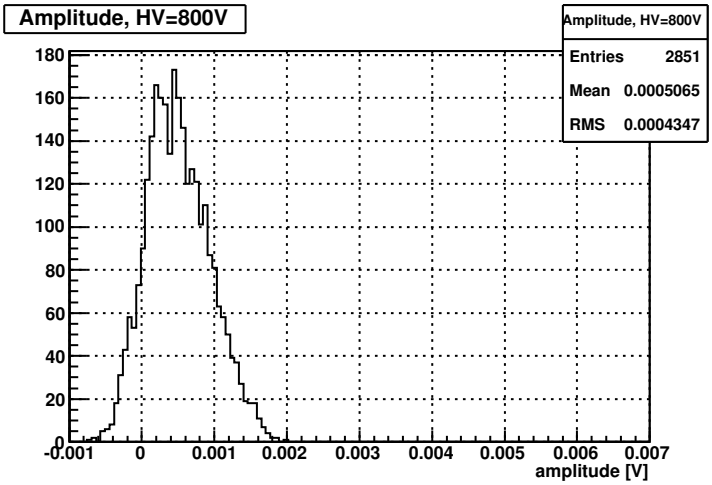


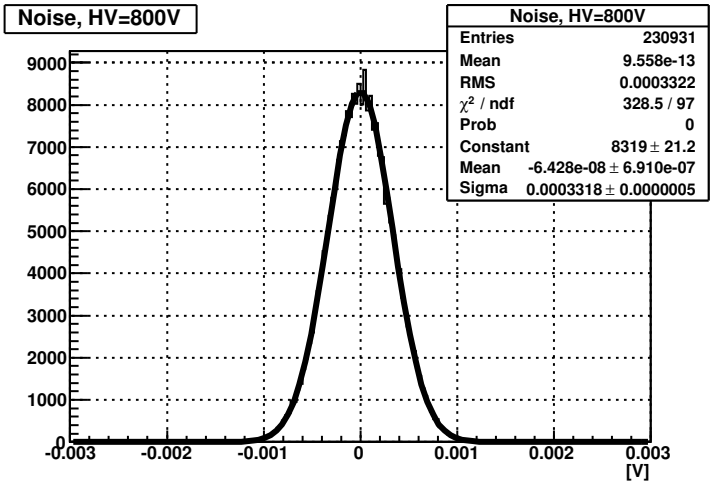


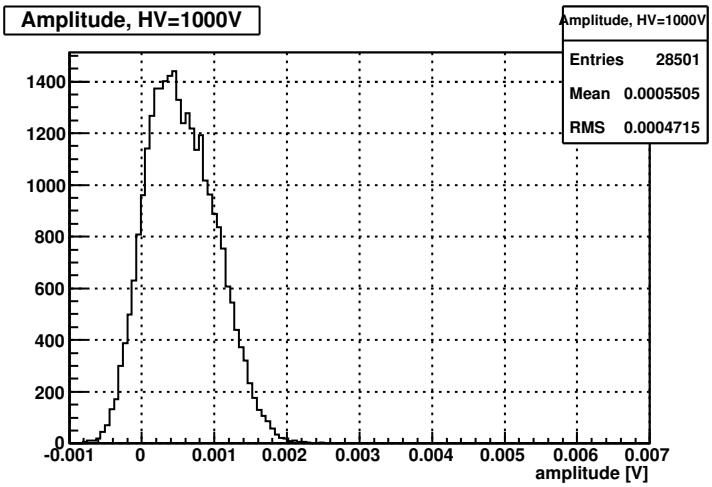


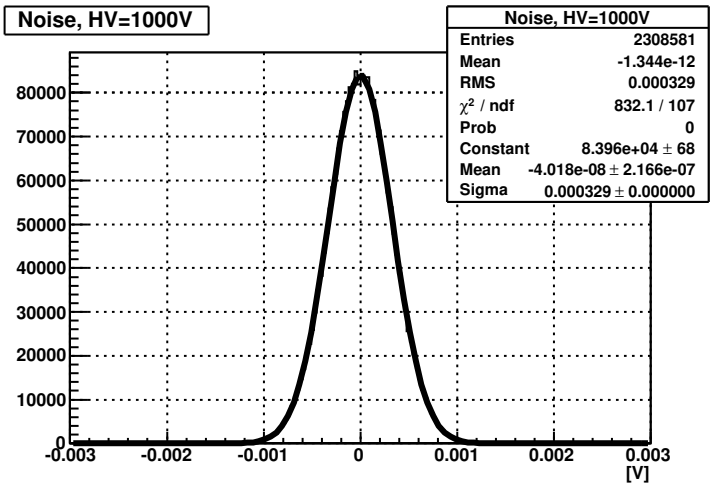

Amplitude, HV=600V
Amplitude, HV=600V
Entries 2851
Mean 0.0004459
RMS 0.0004041
amplitude [V]


Noise, HV=600V
Noise, HV=600V
Entries 230931
Mean -1.711e-12
RMS 0.0003321
χ² / ndf 473.5 / 92
Prob 0
Constant 8310 ± 21.3
Mean -3.829e-08 ± 6.919e-07
Sigma 0.0003319 ± 0.0000005
[V]

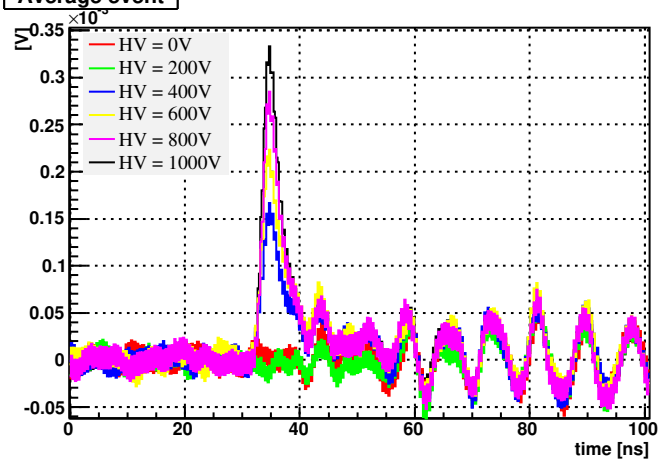

Amplitude, HV=800V
Amplitude, HV=800V
Entries 2851
Mean 0.0005065
RMS 0.0004347
amplitude [V]

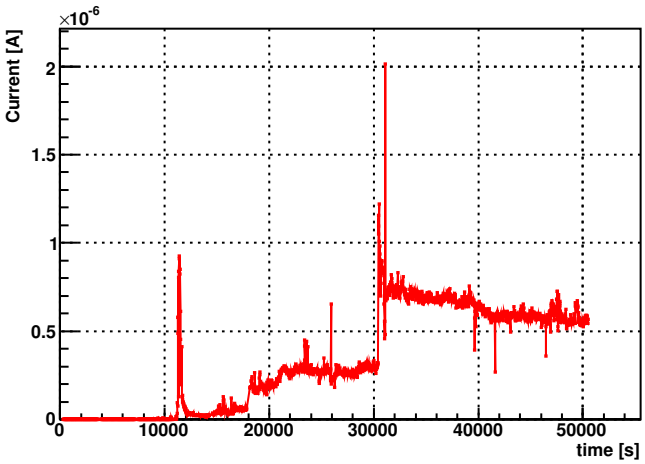

Noise, HV=800V
Noise, HV=800V
Entries 230931
Mean 9.558e-13
RMS 0.0003322
χ² / ndf 328.5 / 97
Prob 0
Constant 8319 ± 21.2
Mean -6.428e-08 ± 6.910e-07
Sigma 0.0003318 ± 0.0000005
[V]


Amplitude, HV=1000V
Amplitude, HV=1000V
Entries 28501
Mean 0.0005505
RMS 0.0004715
amplitude [V]

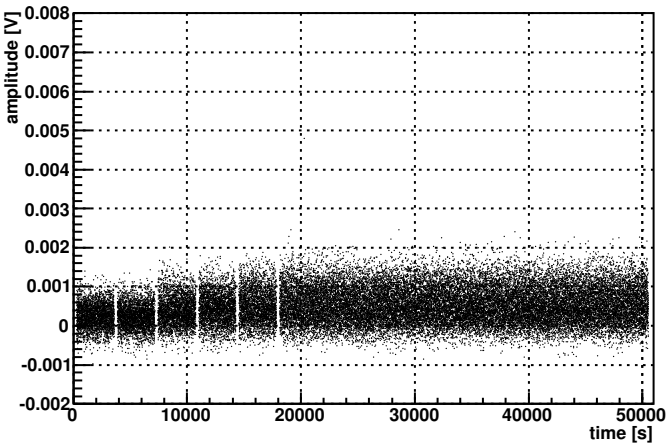

Noise, HV=1000V
Noise, HV=1000V
Entries 2308581
Mean -1.344e-12
RMS 0.000329
χ² / ndf 832.1 / 107
Prob 0
Constant 8.396e+04 ± 68
Mean -4.018e-08 ± 2.166e-07
Sigma 0.000329 ± 0.000000
[V]

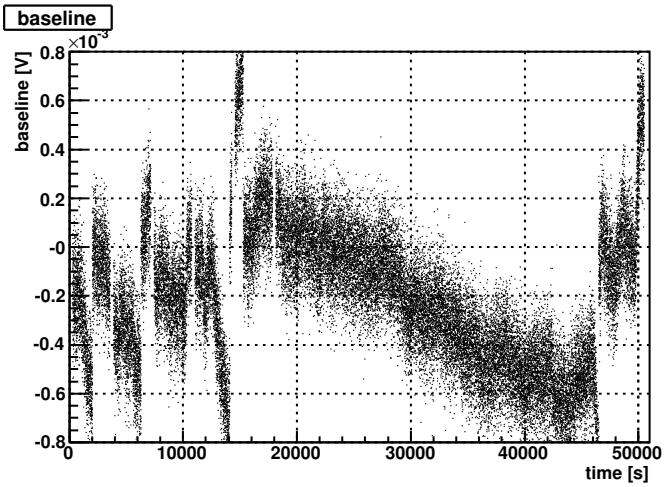
Average event

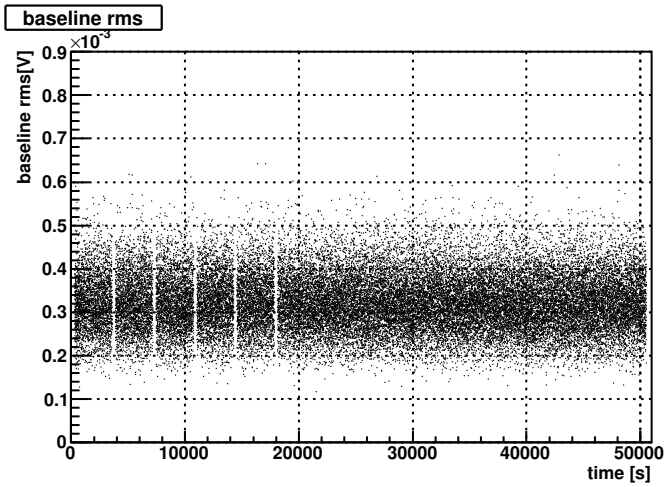


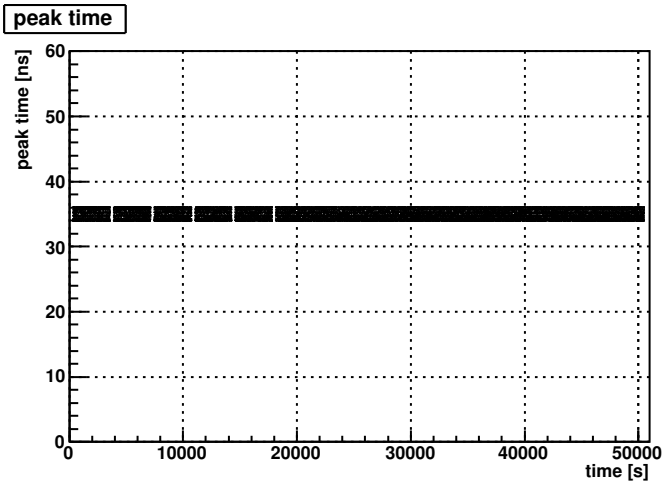


amplitudes




baseline
×10⁻³
baseline [V]
time [s]


baseline rms
×10⁻³
baseline rms[V]
time [s]


peak time
peak time [ns]
time [s]

Data File = SP_060326190427_Fotec404_A382-7_CDS160_measuerement1.xls
Upper Diamond = A382-7
Lower Diamond = CDS-160
Maček ceramic Ass. #5