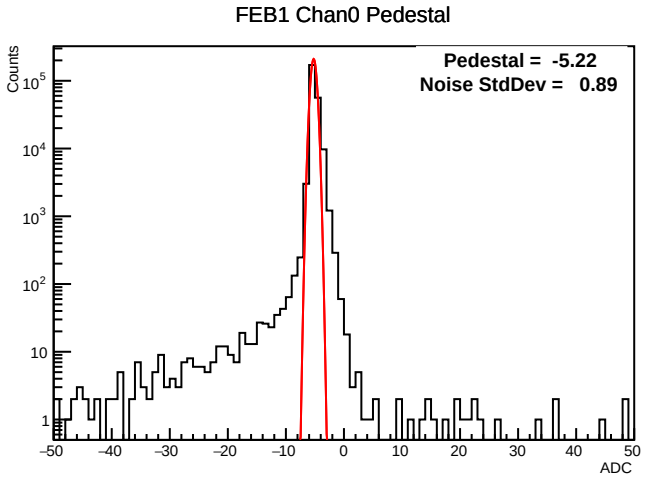
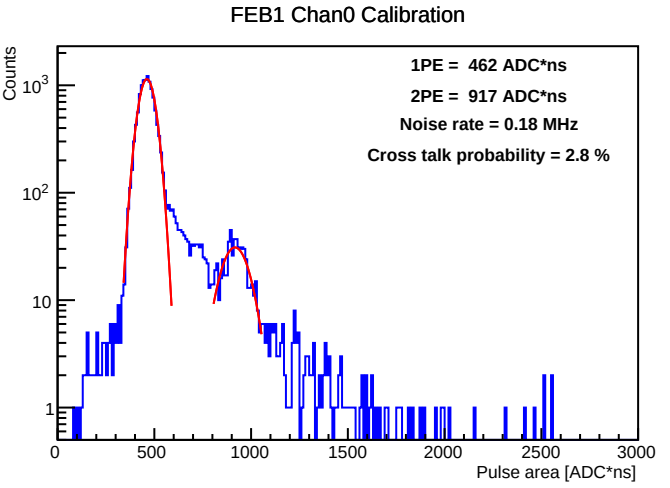
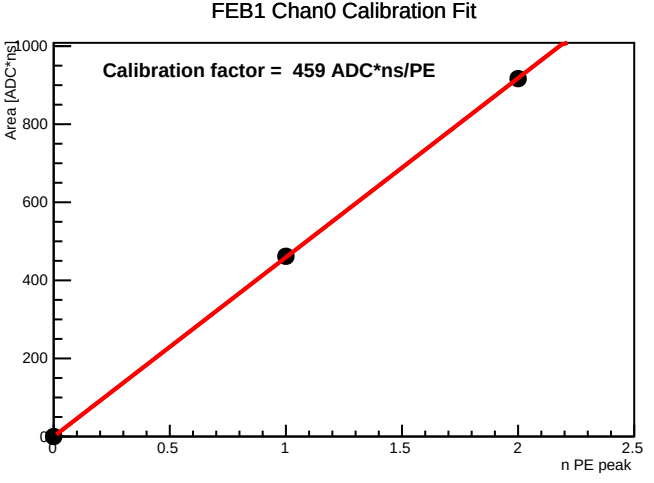
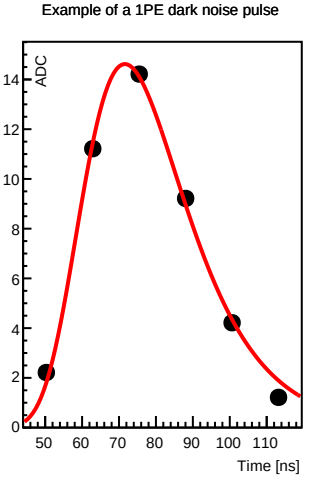
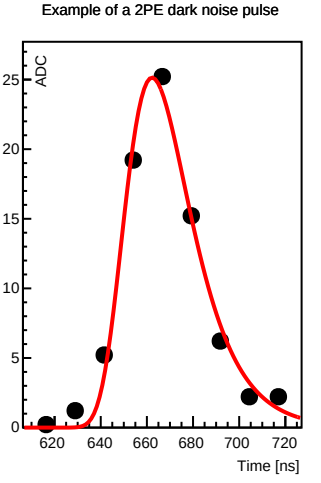
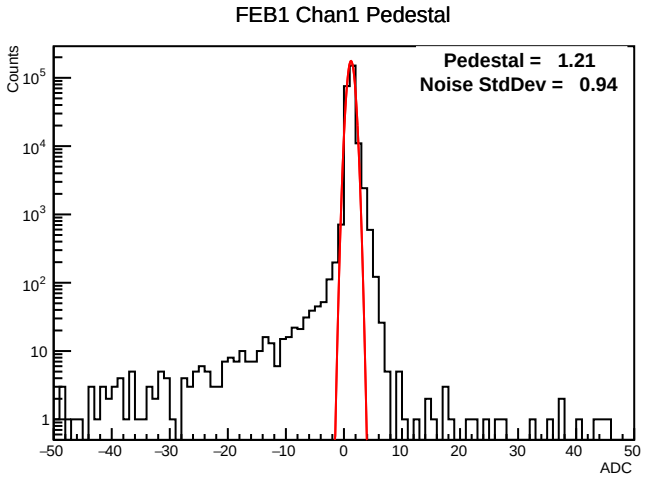

FEB1 Chan0 Pedestal
Pedestal = -5.22
Noise StdDev = 0.89
Counts
ADC

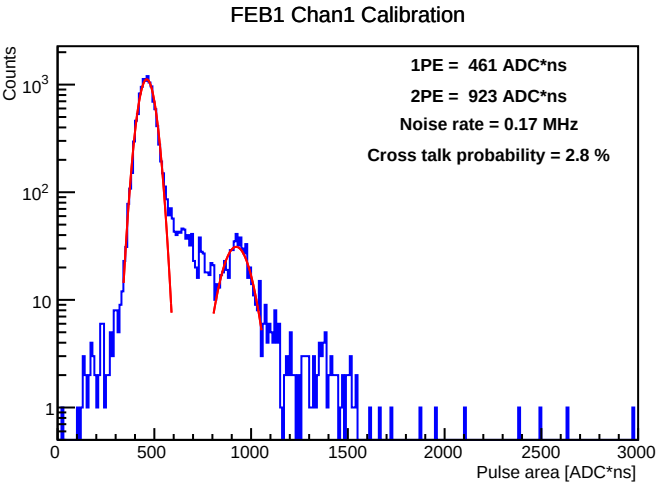

FEB1 Chan0 Calibration
1PE = 462 ADC*ns
2PE = 917 ADC*ns
Noise rate = 0.18 MHz
Cross talk probability = 2.8 %
Counts
Pulse area [ADC*ns]

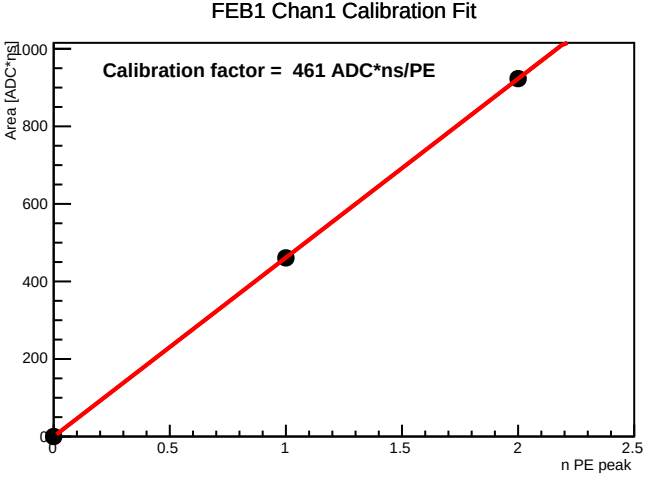

FEB1 Chan0 Calibration Fit
Calibration factor = 459 ADC*ns/PE
Area [ADC*ns]
n PE peak

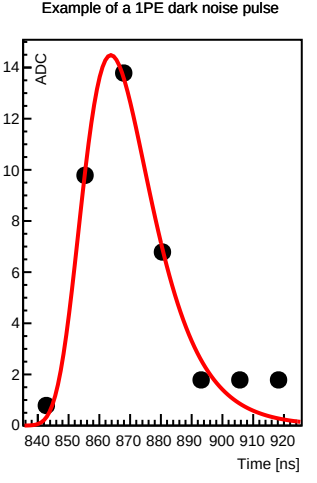

Example of a 1PE dark noise pulse
ADC
Time [ns]

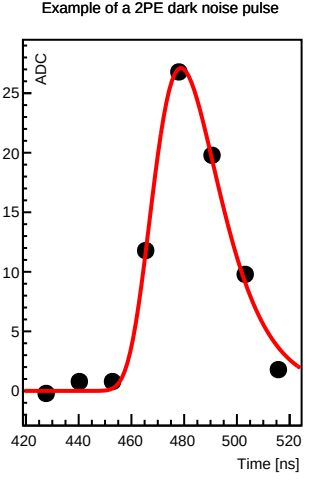

Example of a 2PE dark noise pulse
ADC
Time [ns]

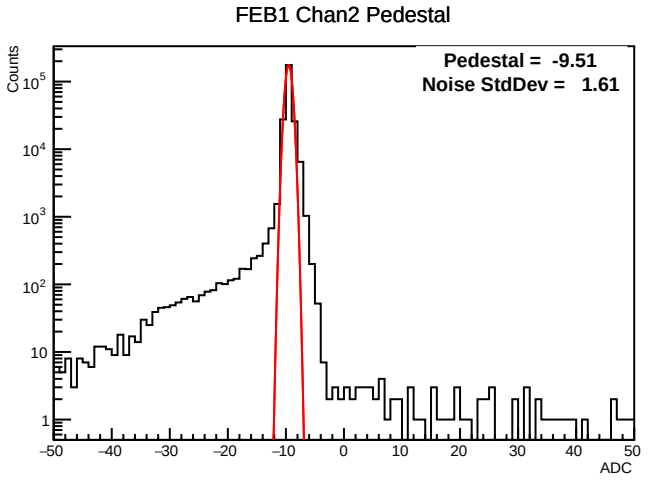

FEB1 Chan1 Pedestal
Pedestal = 1.21
Noise StdDev = 0.94
Counts
ADC

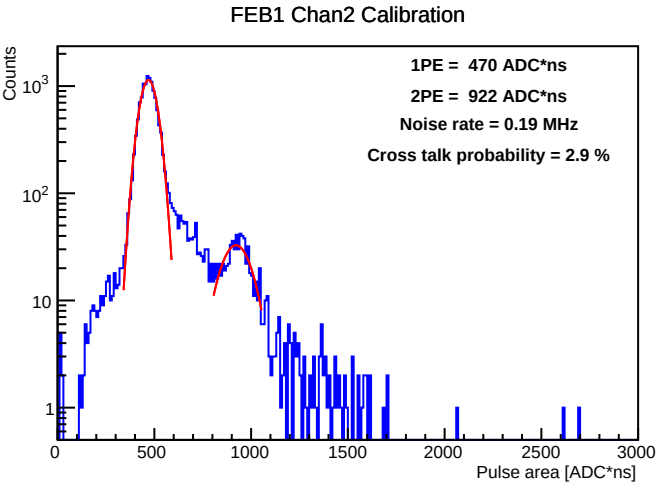

FEB1 Chan1 Calibration
1PE = 461 ADC*ns
2PE = 923 ADC*ns
Noise rate = 0.17 MHz
Cross talk probability = 2.8 %
Counts
Pulse area [ADC*ns]

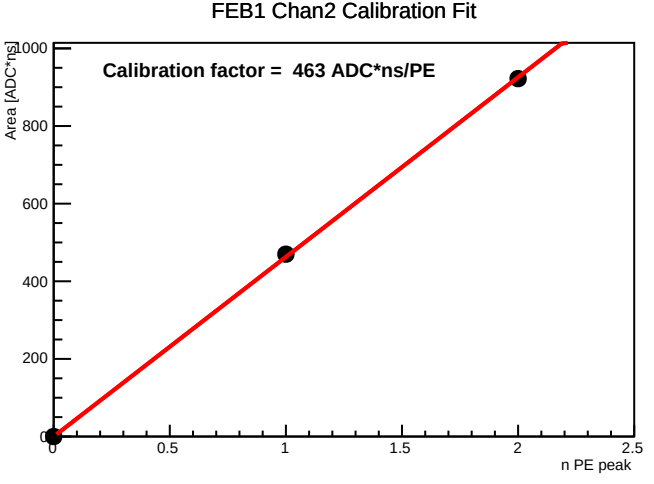

FEB1 Chan1 Calibration Fit
Calibration factor = 461 ADC*ns/PE
Area [ADC*ns]
n PE peak

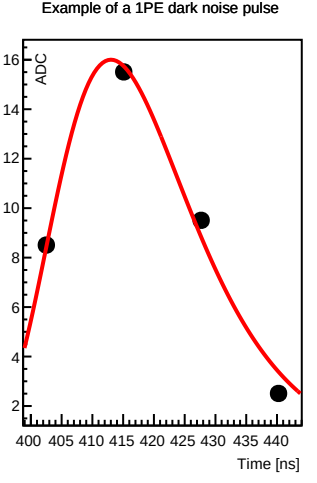

Example of a 1PE dark noise pulse
ADC
Time [ns]

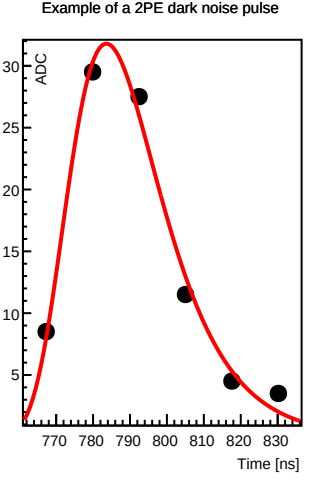

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB1 Chan2 Pedestal
Pedestal = -9.51
Noise StdDev = 1.61
Counts
ADC

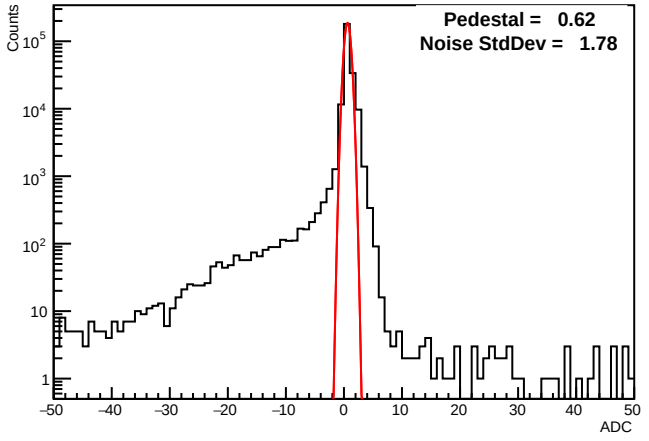

FEB1 Chan2 Calibration
1PE = 470 ADC*ns
2PE = 922 ADC*ns
Noise rate = 0.19 MHz
Cross talk probability = 2.9 %
Counts
Pulse area [ADC*ns]


FEB1 Chan2 Calibration Fit
Calibration factor = 463 ADC*ns/PE
Area [ADC*ns]
n PE peak

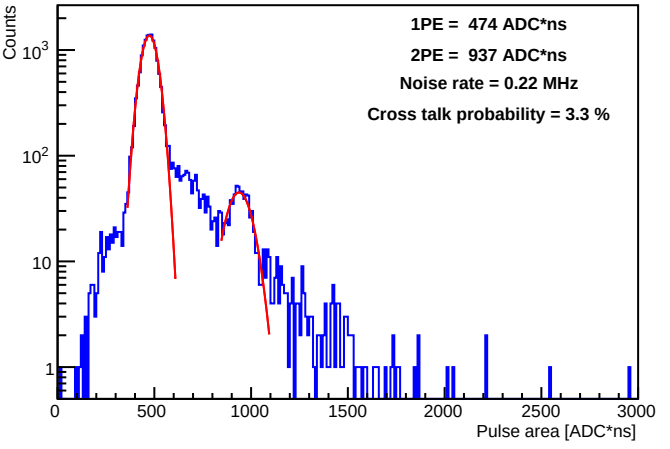

Example of a 1PE dark noise pulse
ADC
Time [ns]


Example of a 2PE dark noise pulse
ADC
Time [ns]

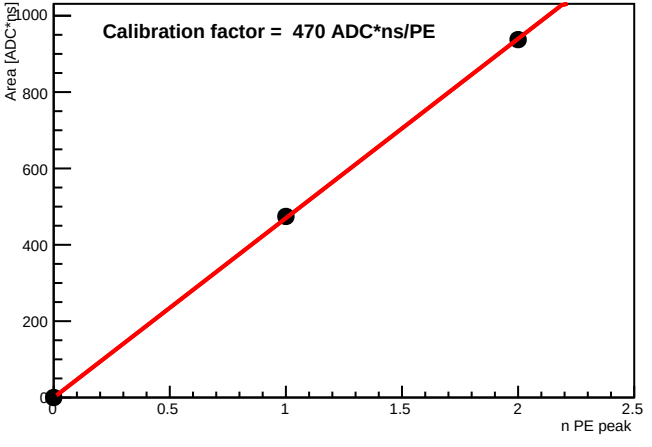
FEB1 Chan3 Pedestal



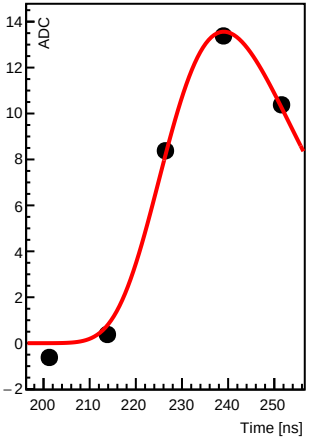
FEB1 Chan3 Calibration



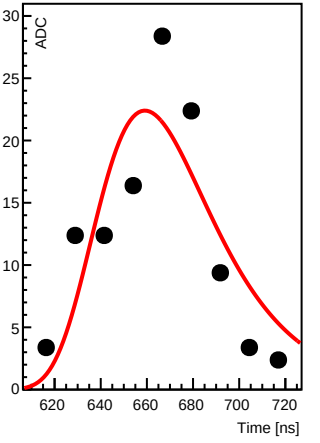
FEB1 Chan3 Calibration Fit

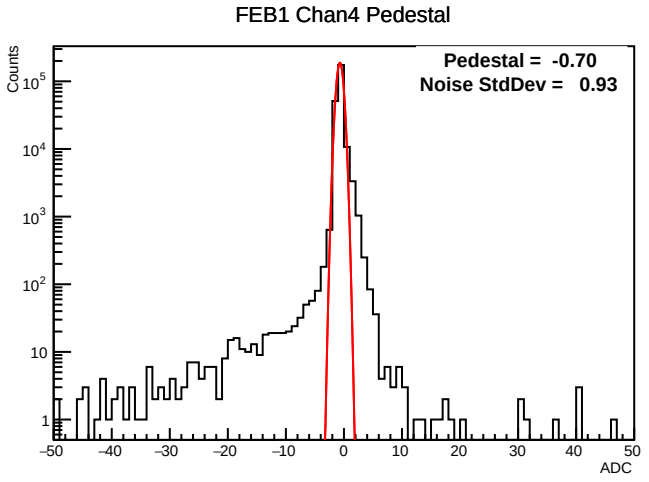


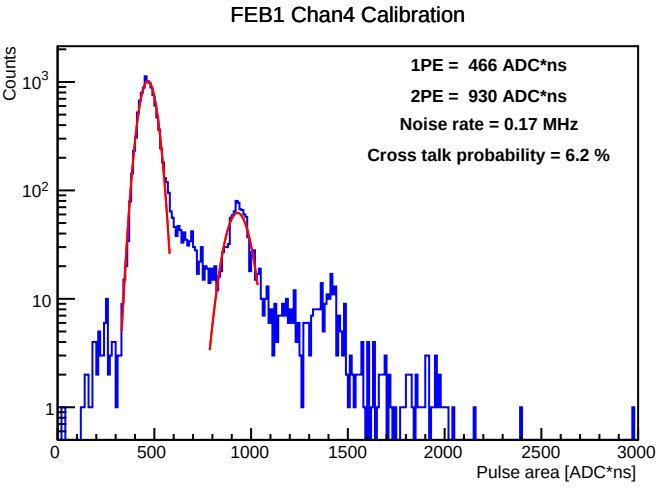
Example of a 1PE dark noise pulse

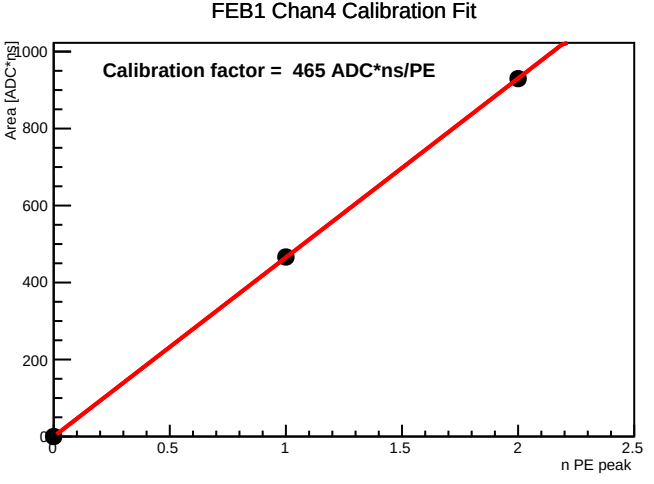


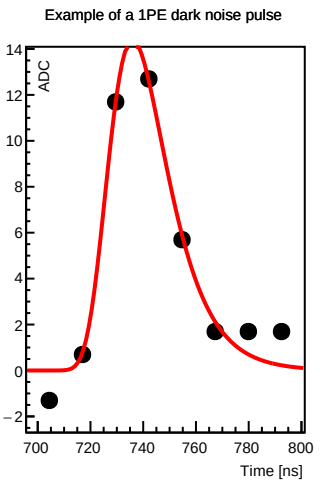
Example of a 2PE dark noise pulse

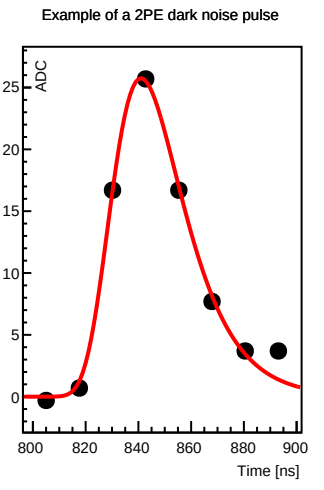


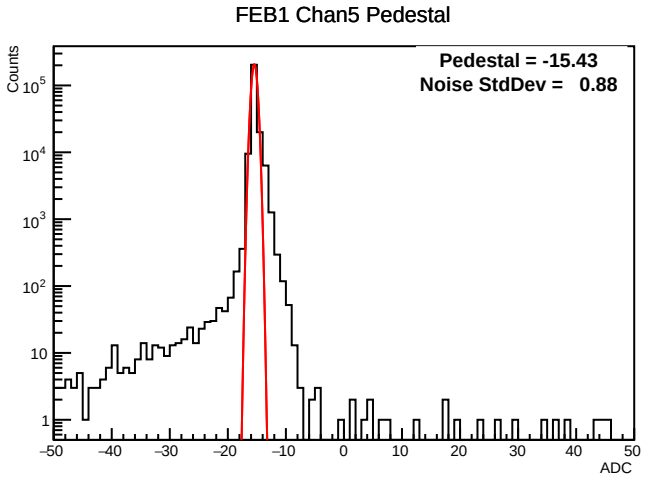

FEB1 Chan4 Pedestal
Pedestal = -0.70
Noise StdDev = 0.93
Counts
ADC

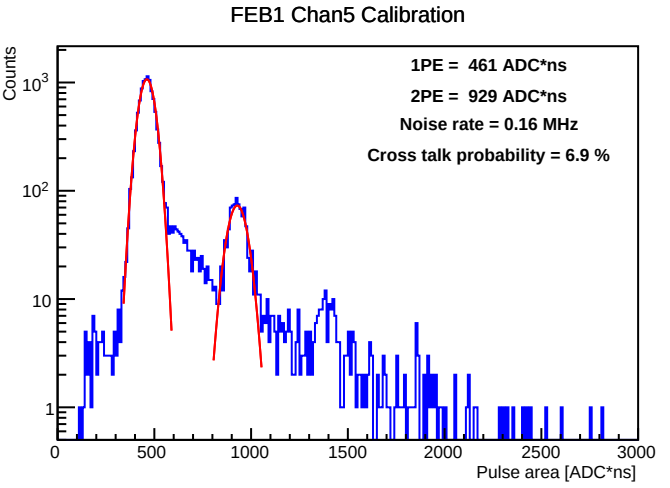

FEB1 Chan4 Calibration
1PE = 466 ADC*ns
2PE = 930 ADC*ns
Noise rate = 0.17 MHz
Cross talk probability = 6.2 %
Counts
Pulse area [ADC*ns]

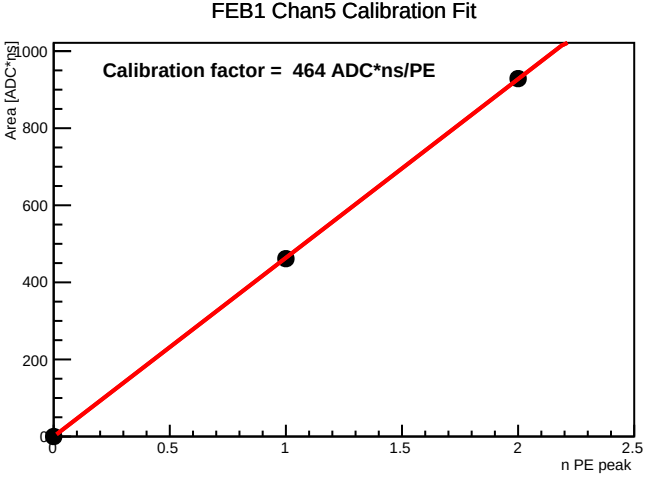

FEB1 Chan4 Calibration Fit
Calibration factor = 465 ADC*ns/PE
Area [ADC*ns]
n PE peak

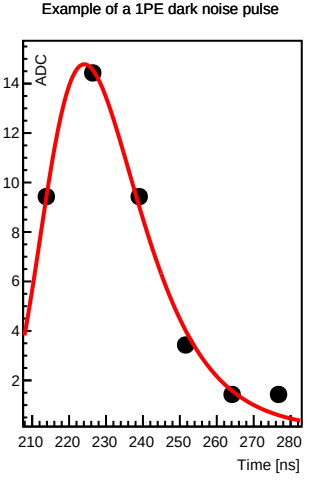

Example of a 1PE dark noise pulse
ADC
Time [ns]

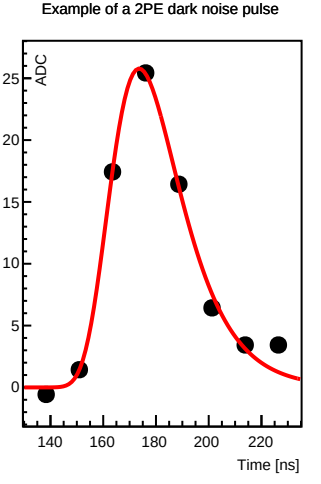

Example of a 2PE dark noise pulse
ADC
Time [ns]

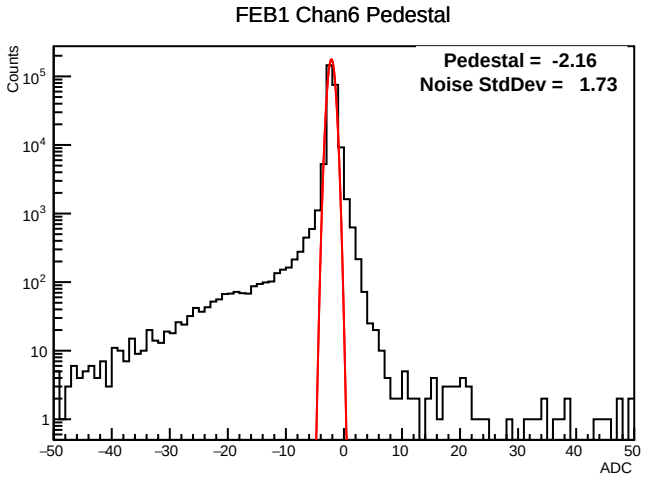

FEB1 Chan5 Pedestal
Pedestal = -15.43
Noise StdDev = 0.88
Counts
ADC

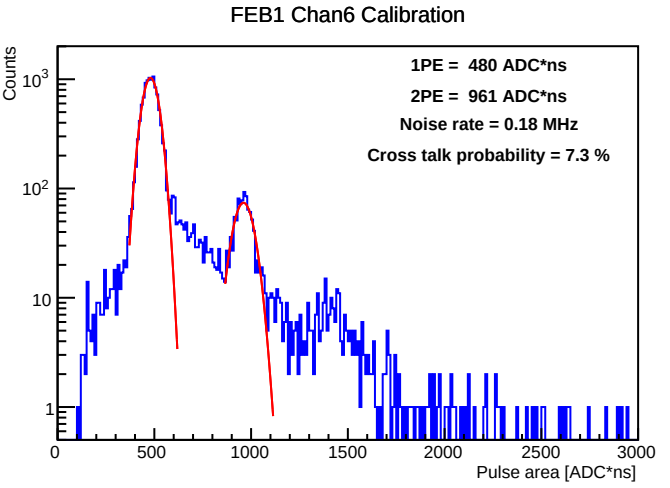

FEB1 Chan5 Calibration
1PE = 461 ADC*ns
2PE = 929 ADC*ns
Noise rate = 0.16 MHz
Cross talk probability = 6.9 %
Counts
Pulse area [ADC*ns]

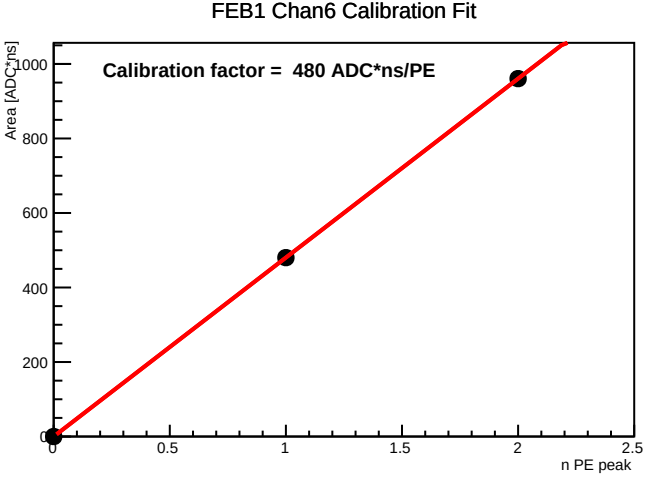

FEB1 Chan5 Calibration Fit
Calibration factor = 464 ADC*ns/PE
Area [ADC*ns]
n PE peak

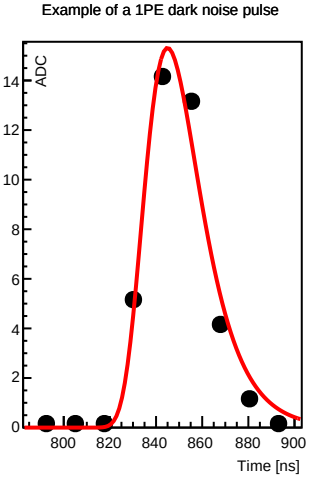

Example of a 1PE dark noise pulse
ADC
Time [ns]

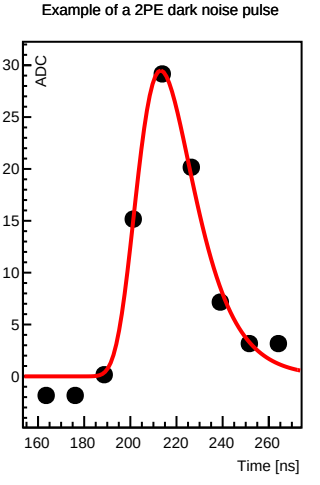

Example of a 2PE dark noise pulse
ADC
Time [ns]

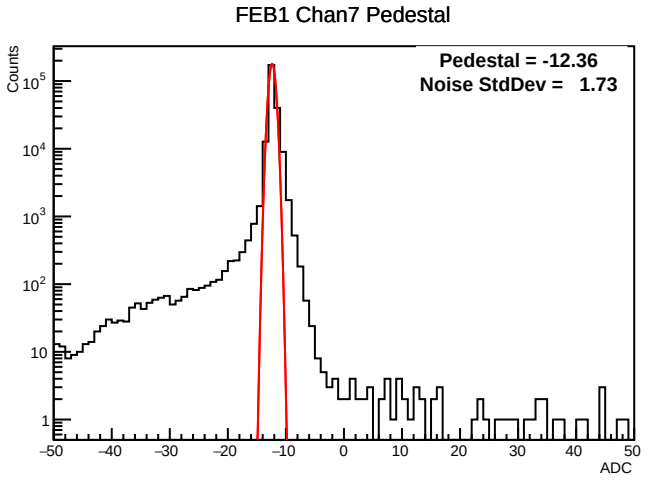

FEB1 Chan6 Pedestal
Pedestal = -2.16
Noise StdDev = 1.73
Counts
ADC

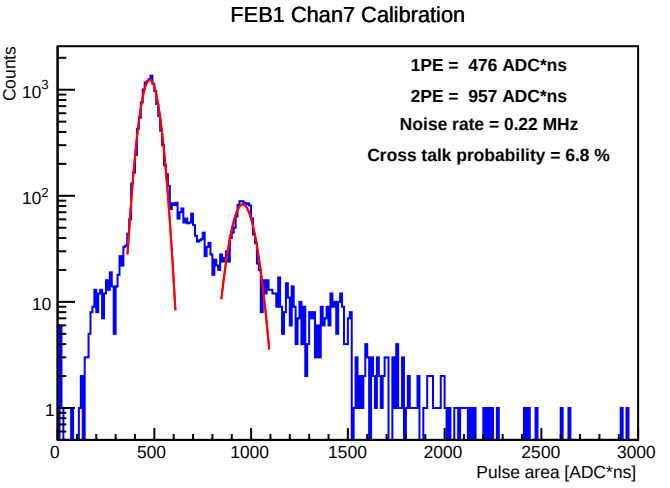

FEB1 Chan6 Calibration
1PE = 480 ADC*ns
2PE = 961 ADC*ns
Noise rate = 0.18 MHz
Cross talk probability = 7.3 %
Counts
Pulse area [ADC*ns]

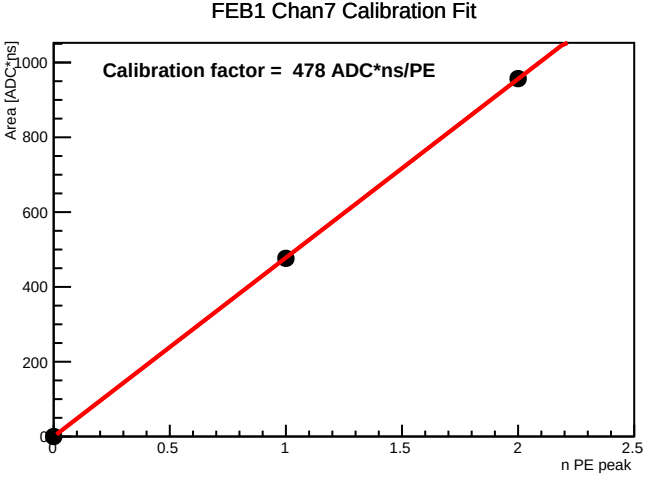

FEB1 Chan6 Calibration Fit
Calibration factor = 480 ADC*ns/PE
Area [ADC*ns]
n PE peak

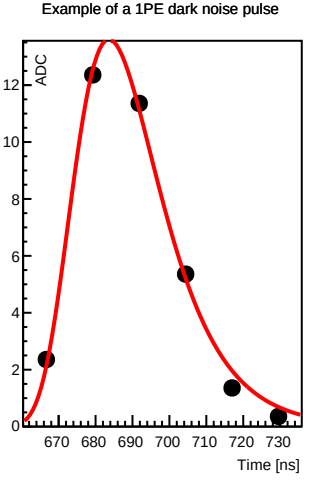

Example of a 1PE dark noise pulse
ADC
Time [ns]

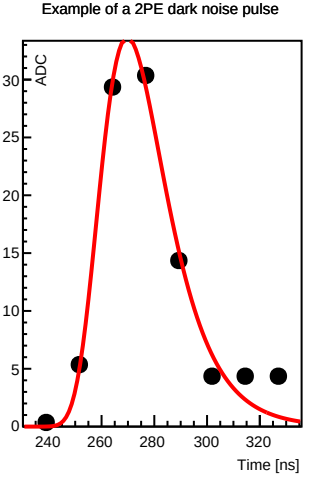

Example of a 2PE dark noise pulse
ADC
Time [ns]

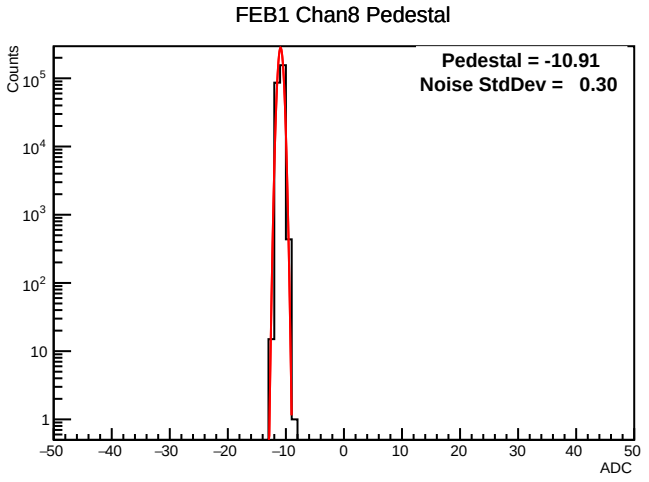

FEB1 Chan7 Pedestal
Pedestal = -12.36
Noise StdDev = 1.73
Counts
ADC

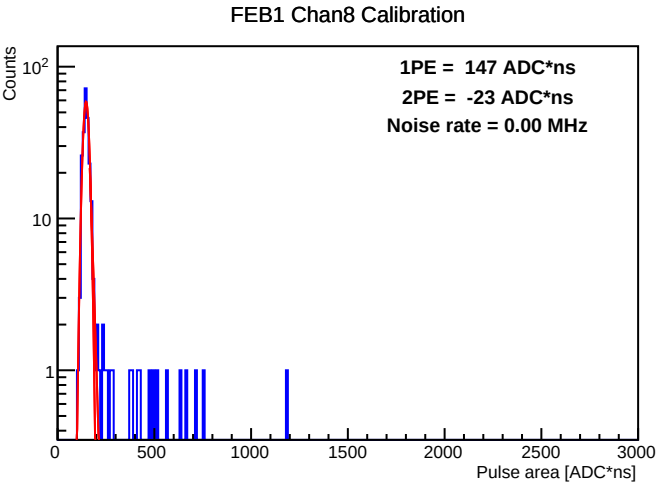

FEB1 Chan7 Calibration
1PE = 476 ADC*ns
2PE = 957 ADC*ns
Noise rate = 0.22 MHz
Cross talk probability = 6.8 %
Counts
Pulse area [ADC*ns]

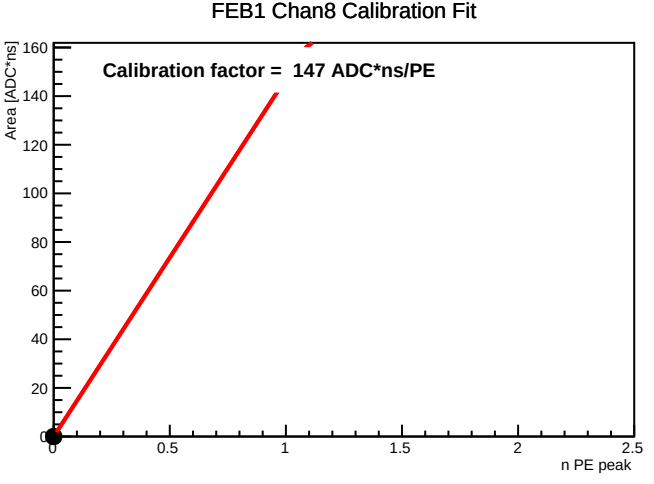

FEB1 Chan7 Calibration Fit
Calibration factor = 478 ADC*ns/PE
Area [ADC*ns]
n PE peak

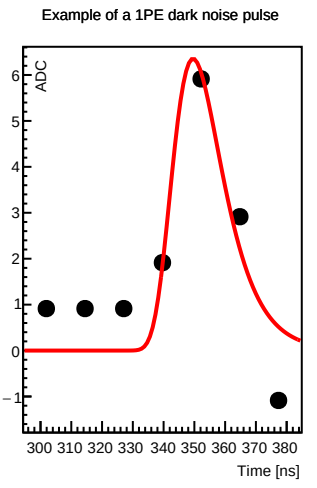

Example of a 1PE dark noise pulse
ADC
Time [ns]

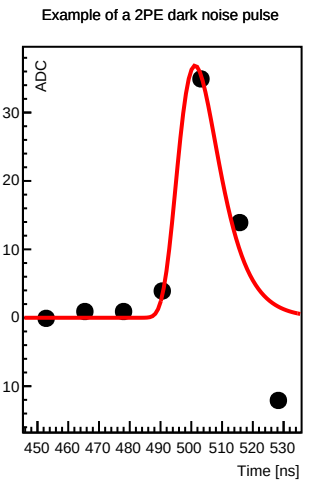

Example of a 2PE dark noise pulse
ADC
Time [ns]

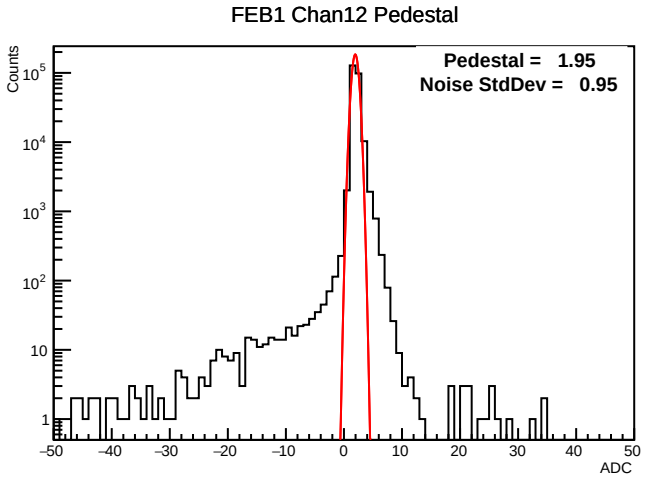

FEB1 Chan8 Pedestal
Pedestal = -10.91
Noise StdDev = 0.30
Counts
ADC

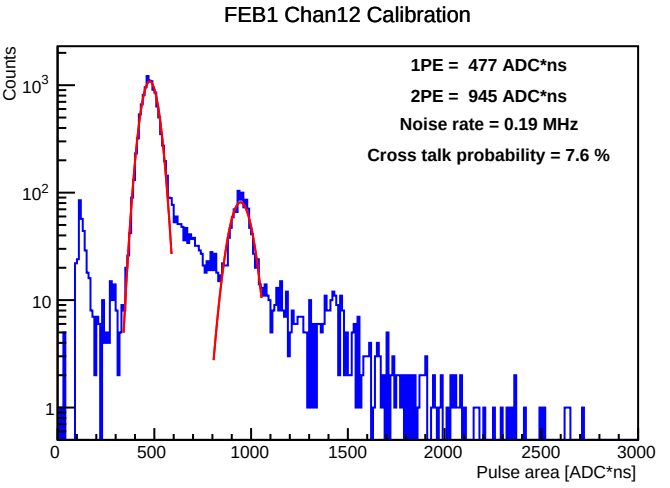

FEB1 Chan8 Calibration
1PE = 147 ADC*ns
2PE = -23 ADC*ns
Noise rate = 0.00 MHz
Counts
Pulse area [ADC*ns]

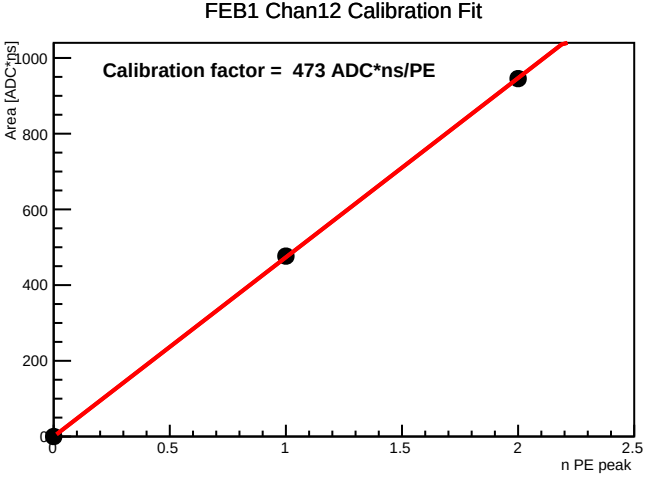

FEB1 Chan8 Calibration Fit
Calibration factor = 147 ADC*ns/PE
Area [ADC*ns]
n PE peak

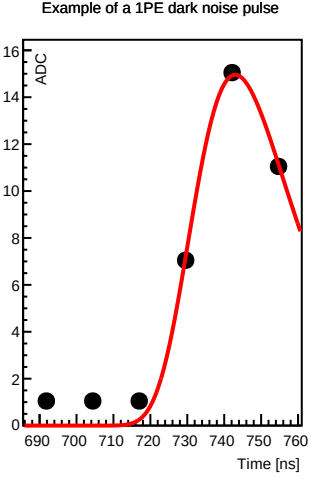

Example of a 1PE dark noise pulse
ADC
Time [ns]

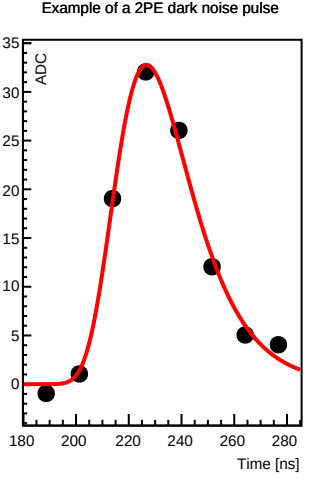

Example of a 2PE dark noise pulse
ADC
Time [ns]

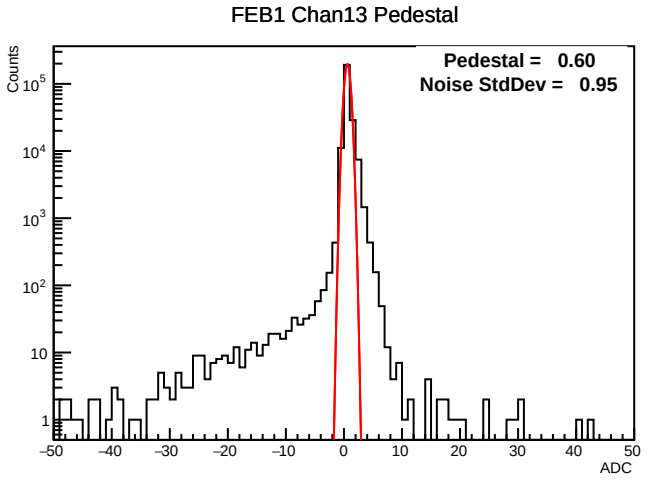

FEB1 Chan12 Pedestal
Pedestal = 1.95
Noise StdDev = 0.95
Counts
ADC

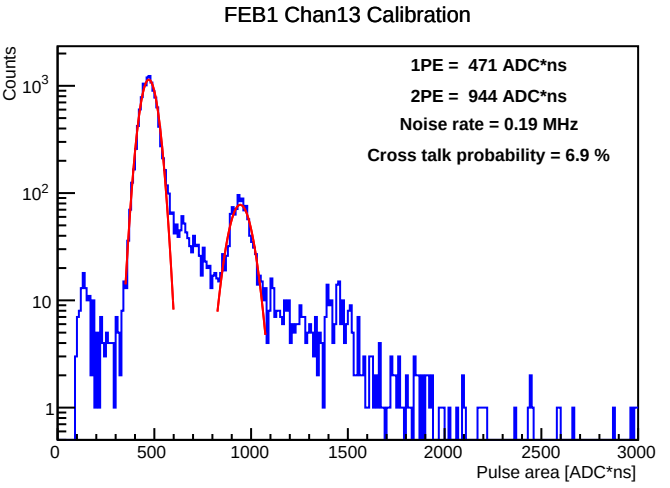

FEB1 Chan12 Calibration
1PE = 477 ADC*ns
2PE = 945 ADC*ns
Noise rate = 0.19 MHz
Cross talk probability = 7.6 %
Counts
Pulse area [ADC*ns]

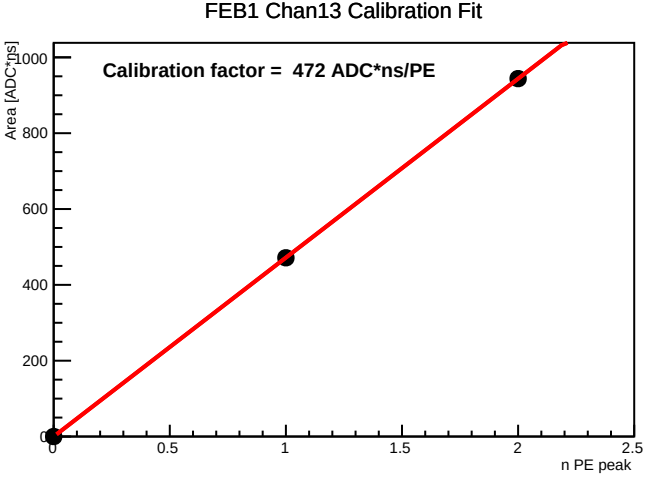

FEB1 Chan12 Calibration Fit
Calibration factor = 473 ADC*ns/PE
Area [ADC*ns]
n PE peak

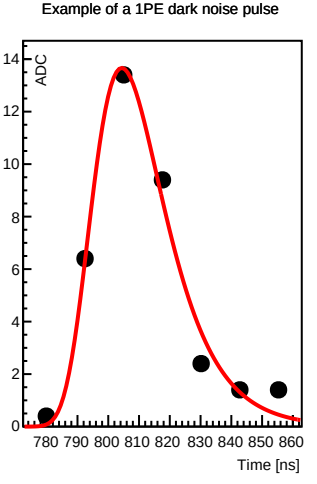

Example of a 1PE dark noise pulse
ADC
Time [ns]

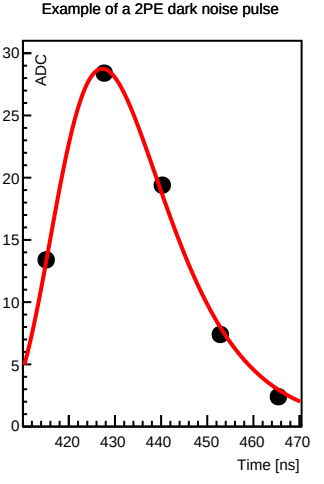

Example of a 2PE dark noise pulse
ADC
Time [ns]

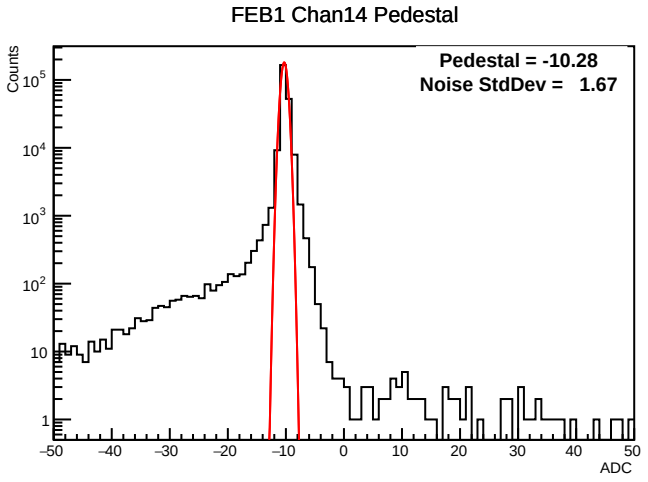

FEB1 Chan13 Pedestal
Pedestal = 0.60
Noise StdDev = 0.95
Counts
ADC

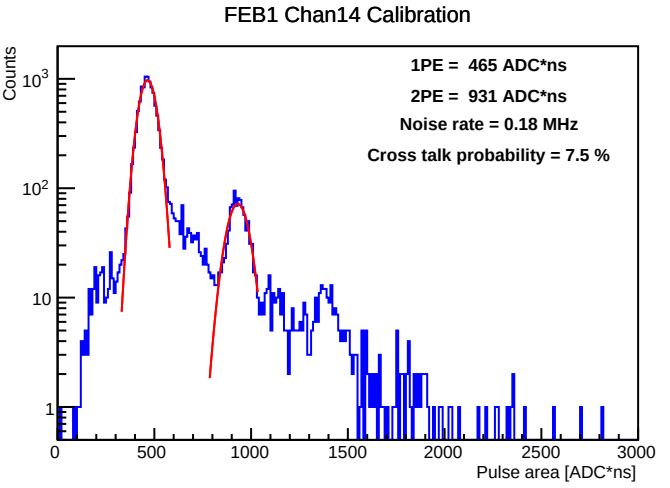

FEB1 Chan13 Calibration
1PE = 471 ADC*ns
2PE = 944 ADC*ns
Noise rate = 0.19 MHz
Cross talk probability = 6.9 %
Counts
Pulse area [ADC*ns]

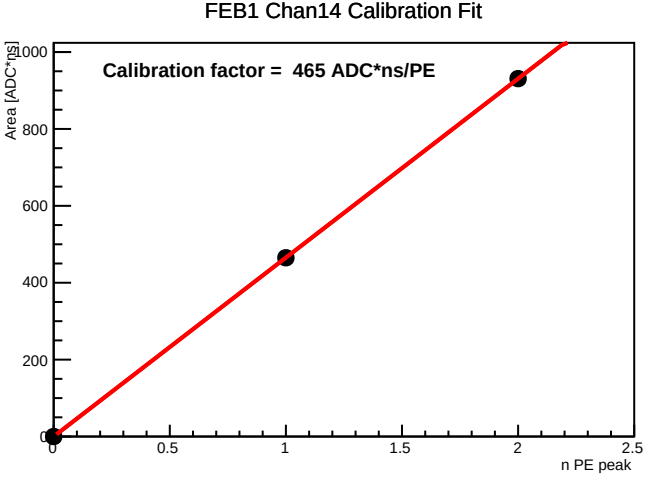

FEB1 Chan13 Calibration Fit
Calibration factor = 472 ADC*ns/PE
Area [ADC*ns]
n PE peak

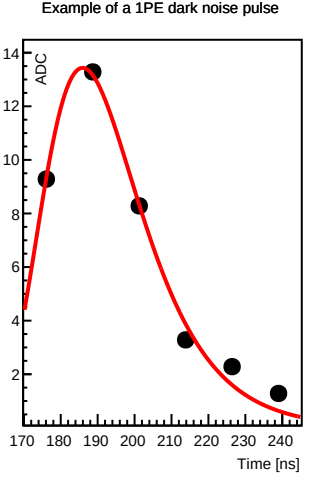

Example of a 1PE dark noise pulse
ADC
Time [ns]

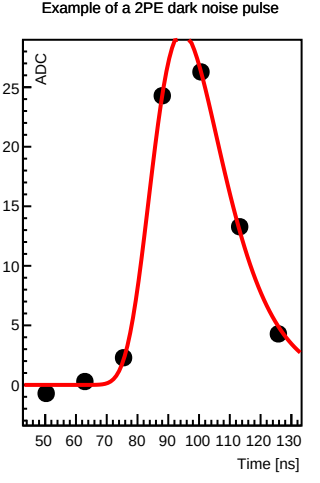

Example of a 2PE dark noise pulse
ADC
Time [ns]

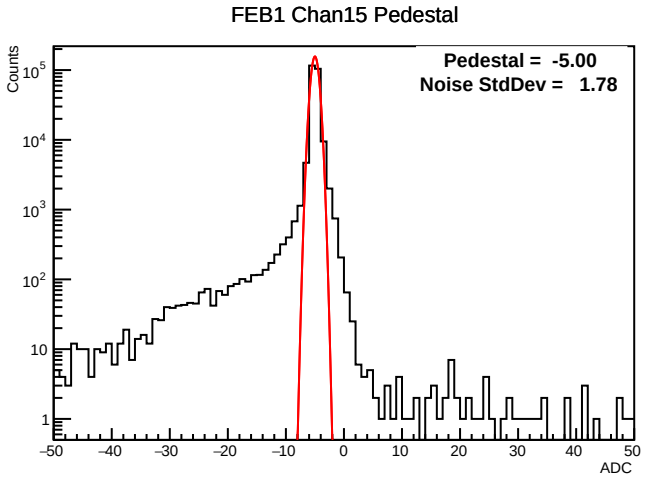

FEB1 Chan14 Pedestal
Pedestal = -10.28
Noise StdDev = 1.67
Counts
ADC

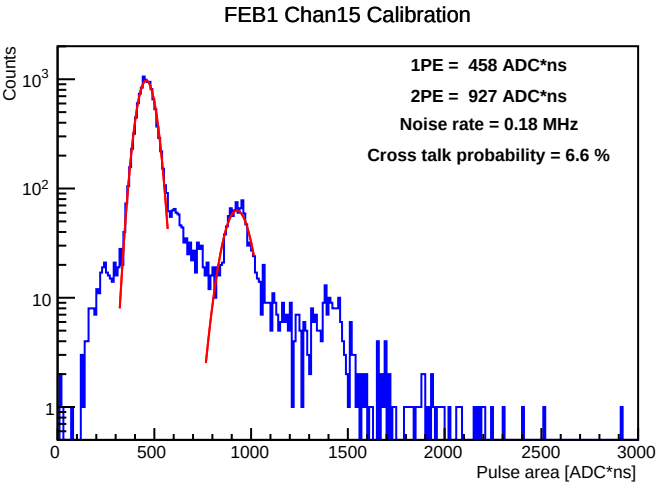

FEB1 Chan14 Calibration
1PE = 465 ADC*ns
2PE = 931 ADC*ns
Noise rate = 0.18 MHz
Cross talk probability = 7.5 %
Counts
Pulse area [ADC*ns]

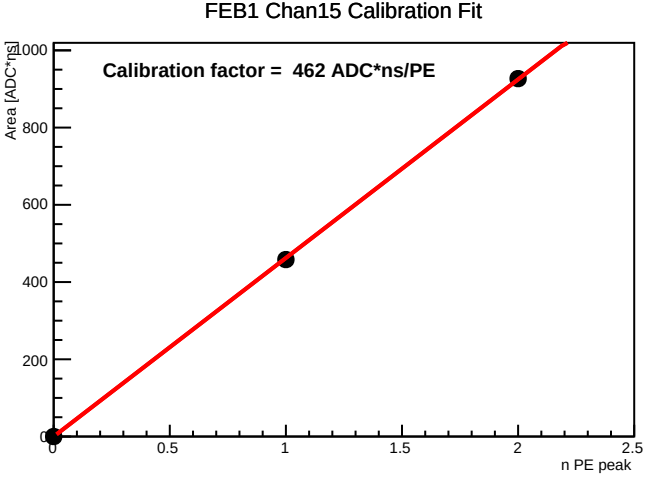

FEB1 Chan14 Calibration Fit
Calibration factor = 465 ADC*ns/PE
Area [ADC*ns]
n PE peak

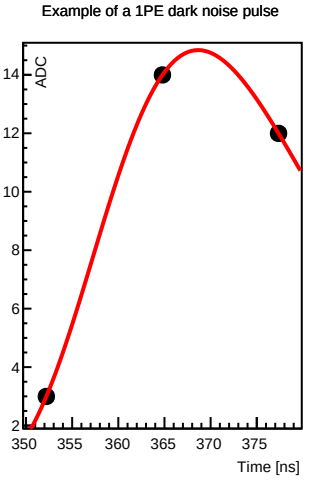

Example of a 1PE dark noise pulse
ADC
Time [ns]

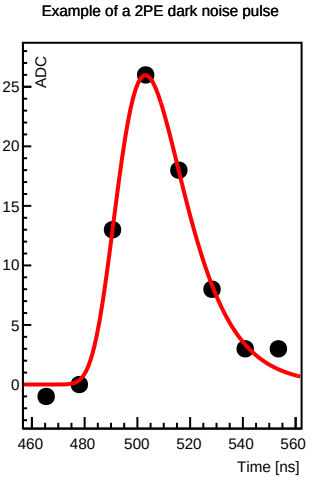

Example of a 2PE dark noise pulse
ADC
Time [ns]

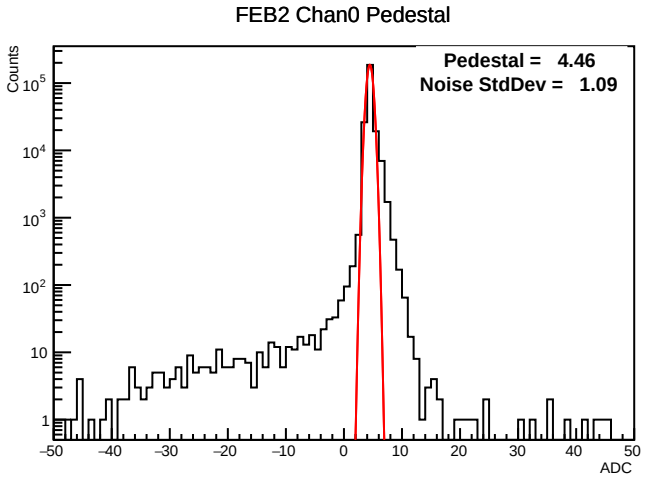

FEB1 Chan15 Pedestal
Pedestal = -5.00
Noise StdDev = 1.78
Counts
ADC

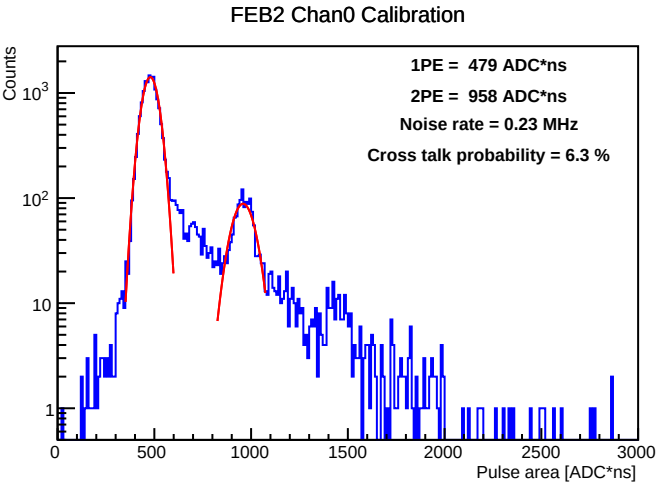

FEB1 Chan15 Calibration
1PE = 458 ADC*ns
2PE = 927 ADC*ns
Noise rate = 0.18 MHz
Cross talk probability = 6.6 %
Counts
Pulse area [ADC*ns]

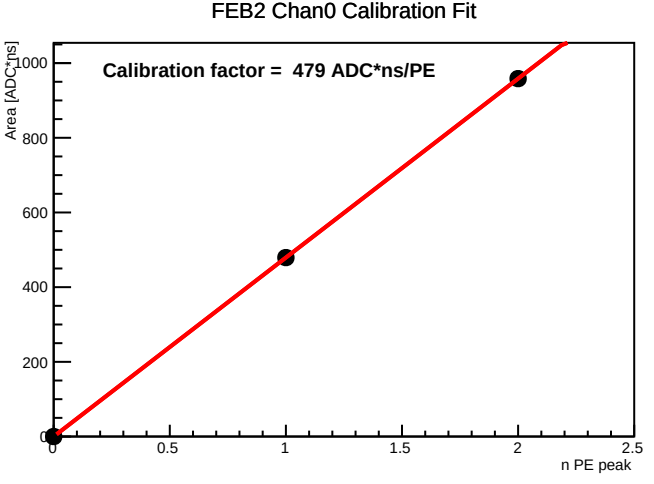

FEB1 Chan15 Calibration Fit
Calibration factor = 462 ADC*ns/PE
Area [ADC*ns]
n PE peak

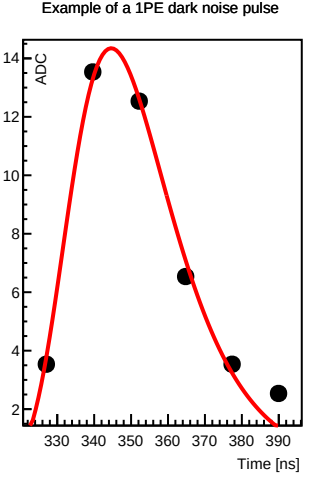

Example of a 1PE dark noise pulse
ADC
Time [ns]

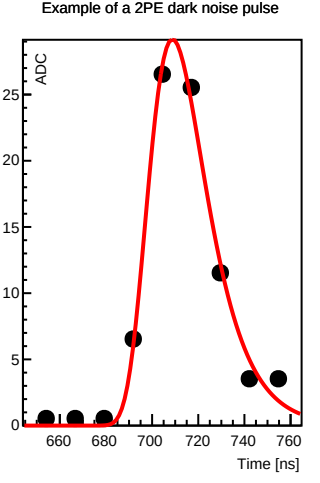

Example of a 2PE dark noise pulse
ADC
Time [ns]

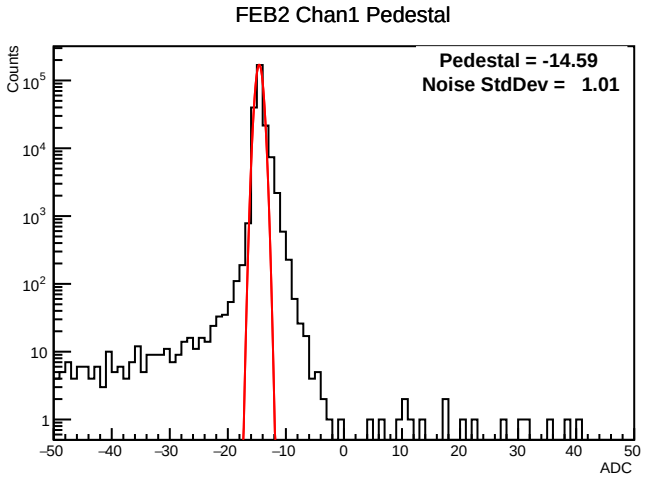

FEB2 Chan0 Pedestal
Pedestal = 4.46
Noise StdDev = 1.09
Counts
ADC

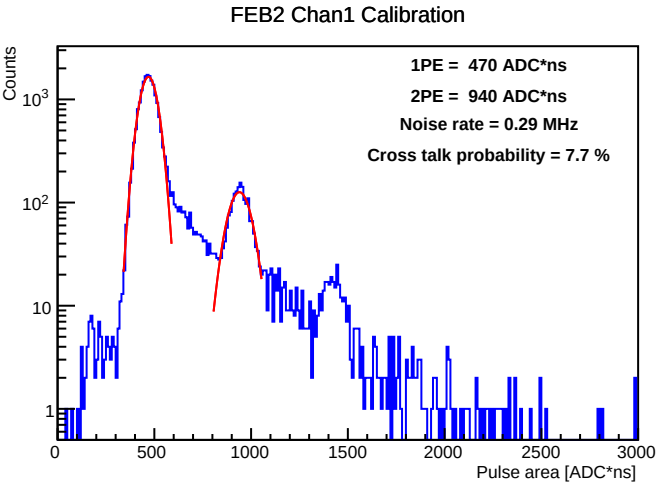

FEB2 Chan0 Calibration
1PE = 479 ADC*ns
2PE = 958 ADC*ns
Noise rate = 0.23 MHz
Cross talk probability = 6.3 %
Counts
Pulse area [ADC*ns]

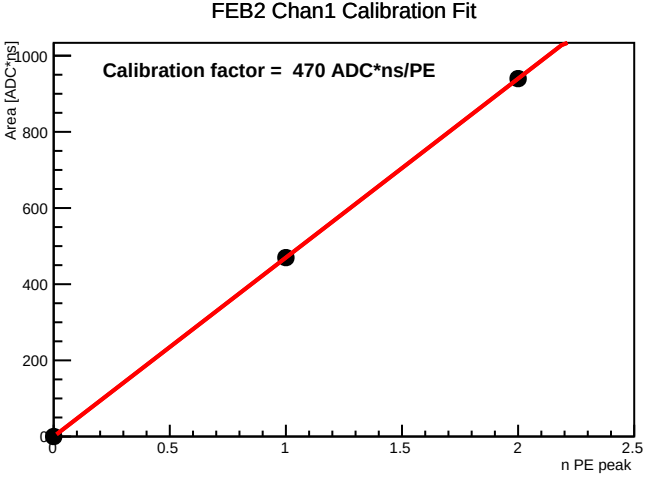

FEB2 Chan0 Calibration Fit
Calibration factor = 479 ADC*ns/PE
Area [ADC*ns]
n PE peak

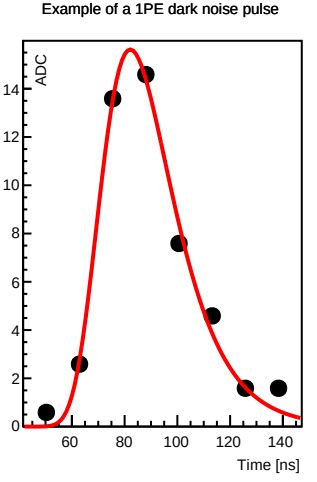

Example of a 1PE dark noise pulse
ADC
Time [ns]

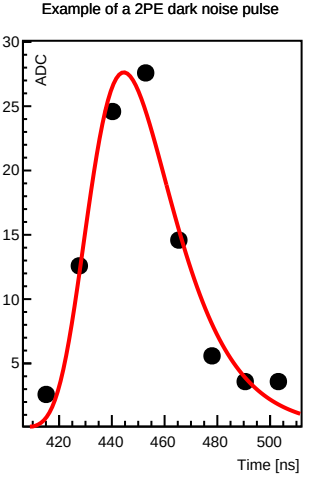

Example of a 2PE dark noise pulse
ADC
Time [ns]

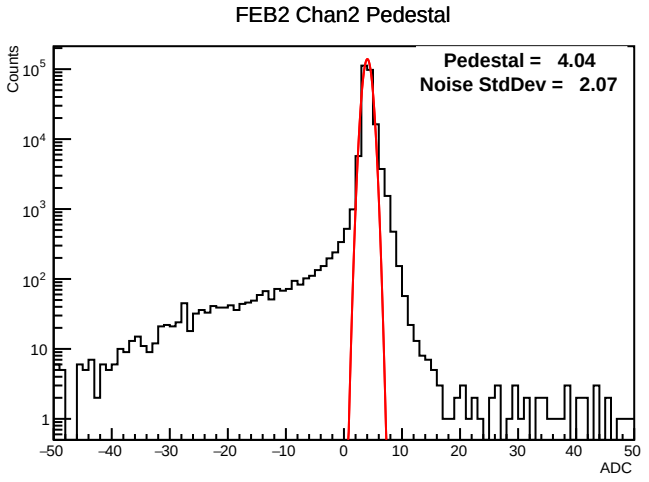

FEB2 Chan1 Pedestal
Pedestal = -14.59
Noise StdDev = 1.01
Counts
ADC

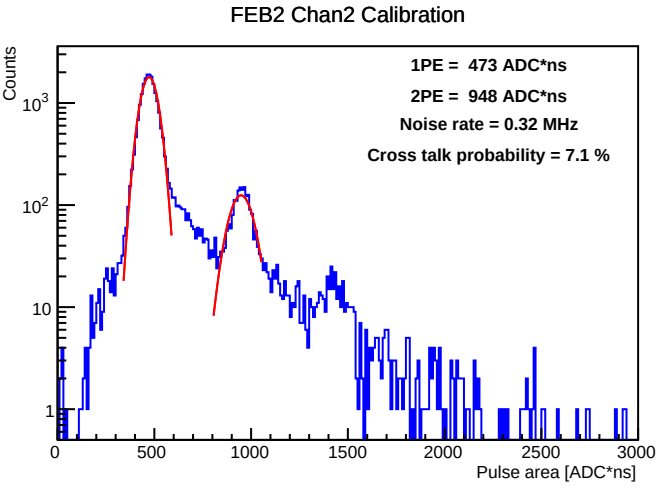

FEB2 Chan1 Calibration
1PE = 470 ADC*ns
2PE = 940 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 7.7 %
Counts
Pulse area [ADC*ns]

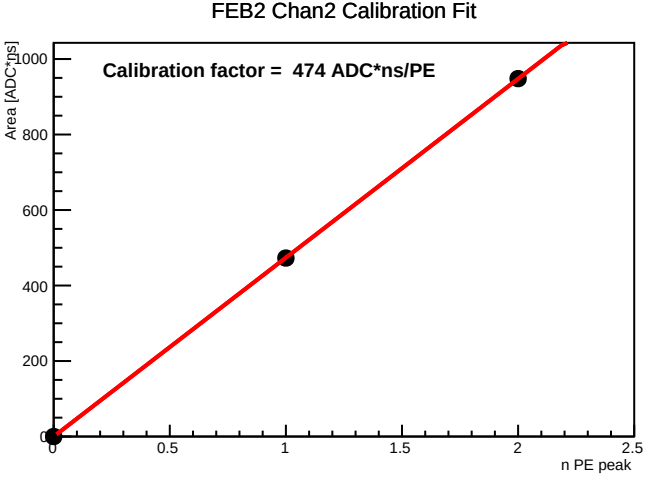

FEB2 Chan1 Calibration Fit
Calibration factor = 470 ADC*ns/PE
Area [ADC*ns]
n PE peak

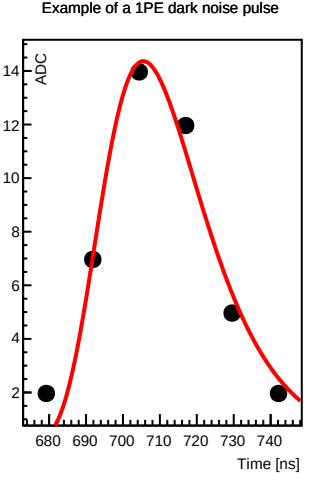

Example of a 1PE dark noise pulse
ADC
Time [ns]

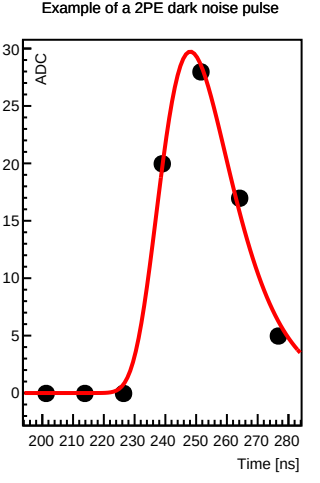

Example of a 2PE dark noise pulse
ADC
Time [ns]

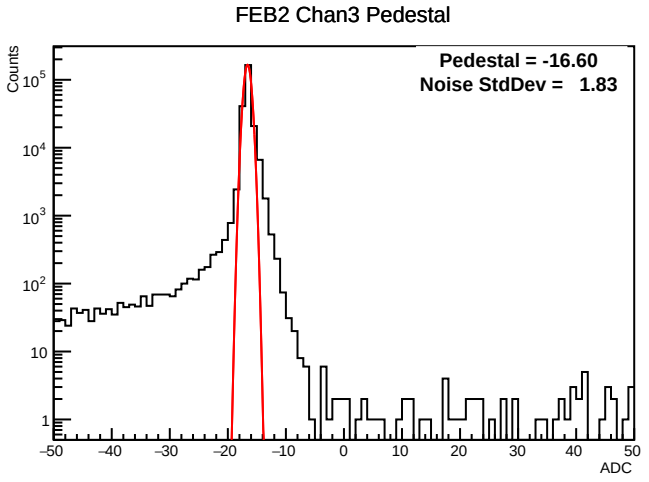

FEB2 Chan2 Pedestal
Pedestal = 4.04
Noise StdDev = 2.07
Counts
ADC

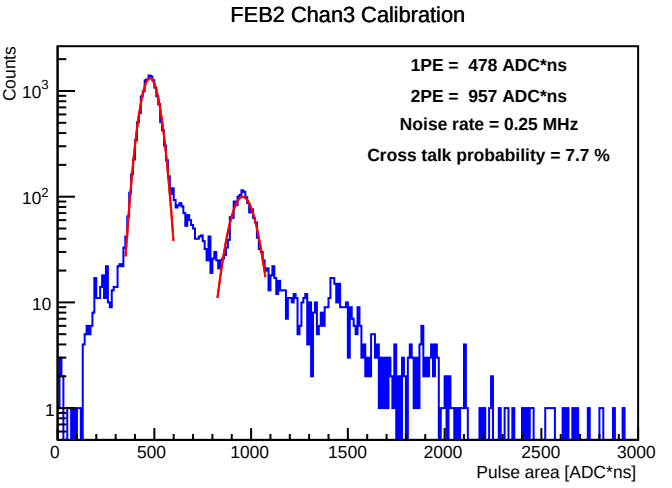

FEB2 Chan2 Calibration
1PE = 473 ADC*ns
2PE = 948 ADC*ns
Noise rate = 0.32 MHz
Cross talk probability = 7.1 %
Counts
Pulse area [ADC*ns]

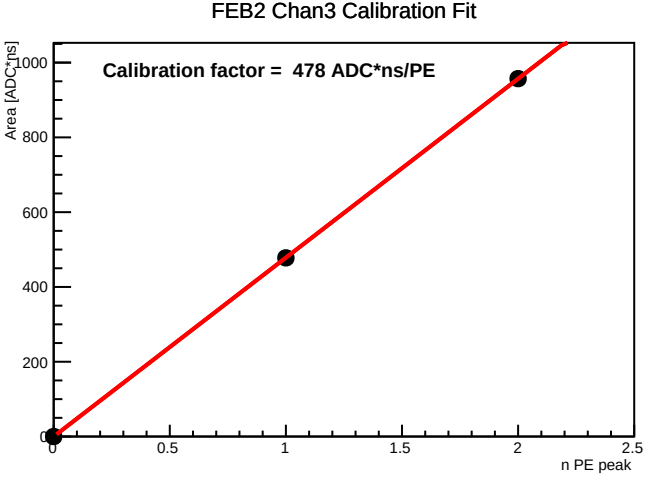

FEB2 Chan2 Calibration Fit
Calibration factor = 474 ADC*ns/PE
Area [ADC*ns]
n PE peak

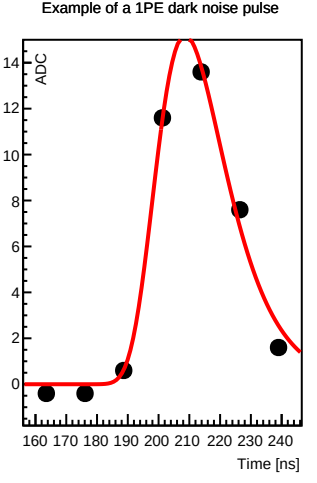

Example of a 1PE dark noise pulse
ADC
Time [ns]

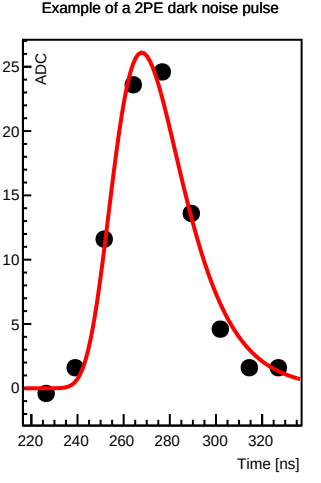

Example of a 2PE dark noise pulse
ADC
Time [ns]

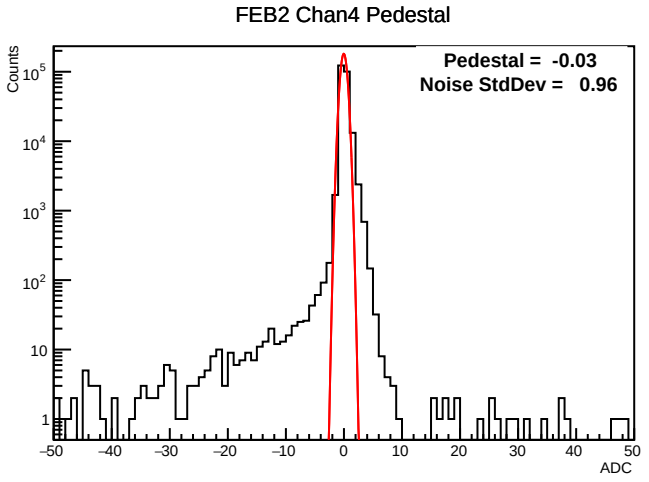

FEB2 Chan3 Pedestal
Pedestal = -16.60
Noise StdDev = 1.83
Counts
ADC

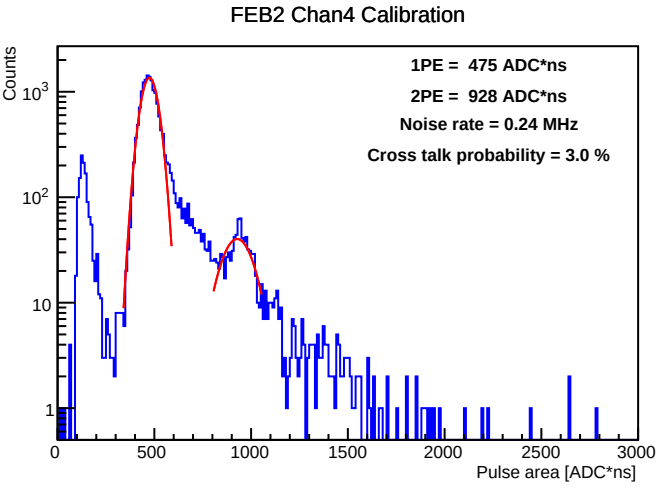

FEB2 Chan3 Calibration
1PE = 478 ADC*ns
2PE = 957 ADC*ns
Noise rate = 0.25 MHz
Cross talk probability = 7.7 %
Counts
Pulse area [ADC*ns]

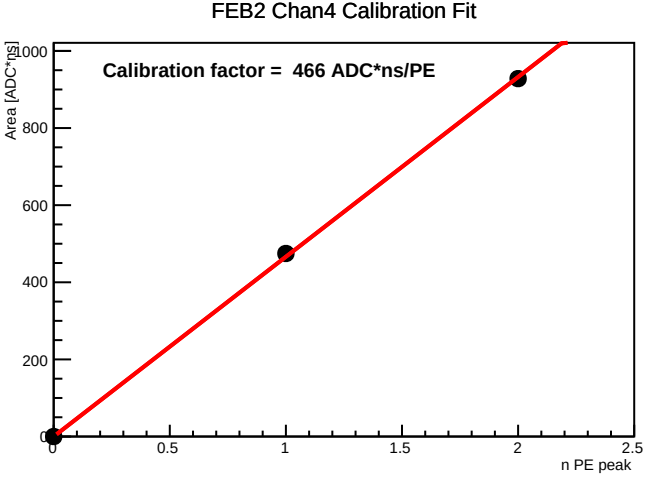

FEB2 Chan3 Calibration Fit
Calibration factor = 478 ADC*ns/PE
Area [ADC*ns]
n PE peak

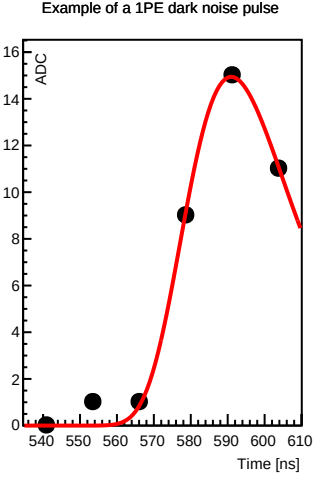

Example of a 1PE dark noise pulse
ADC
Time [ns]

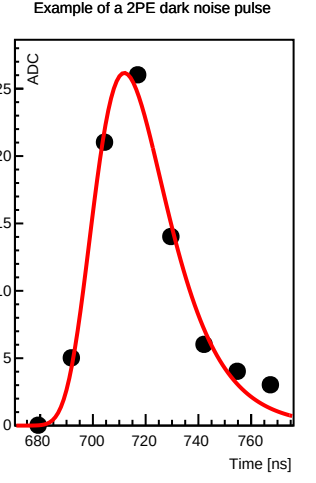

Example of a 2PE dark noise pulse
ADC
Time [ns]

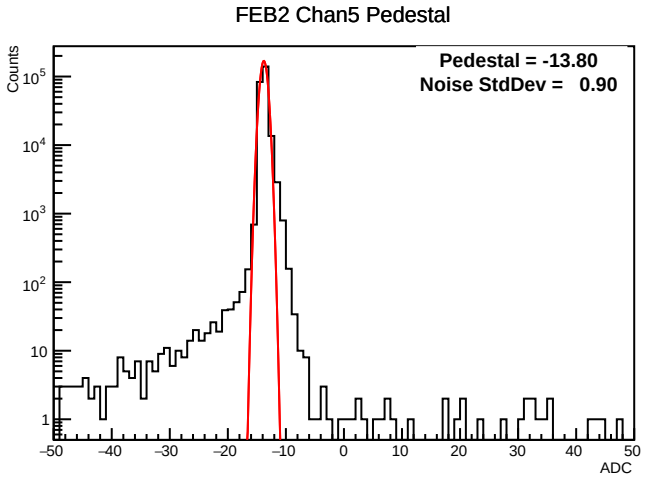

FEB2 Chan4 Pedestal
Pedestal = -0.03
Noise StdDev = 0.96
Counts
ADC

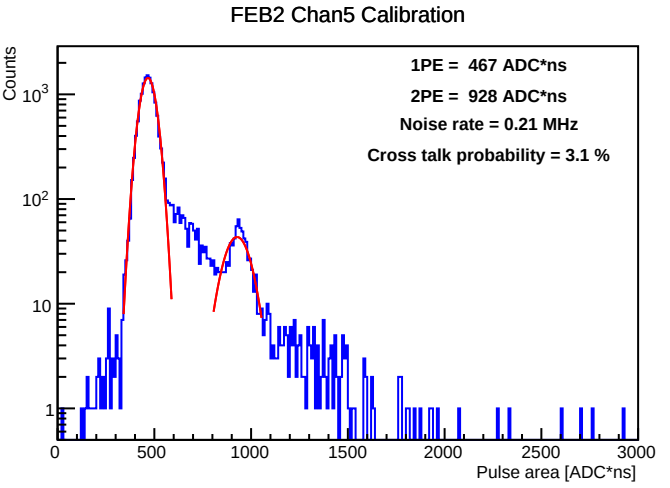

FEB2 Chan4 Calibration
1PE = 475 ADC*ns
2PE = 928 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 3.0 %
Counts
Pulse area [ADC*ns]

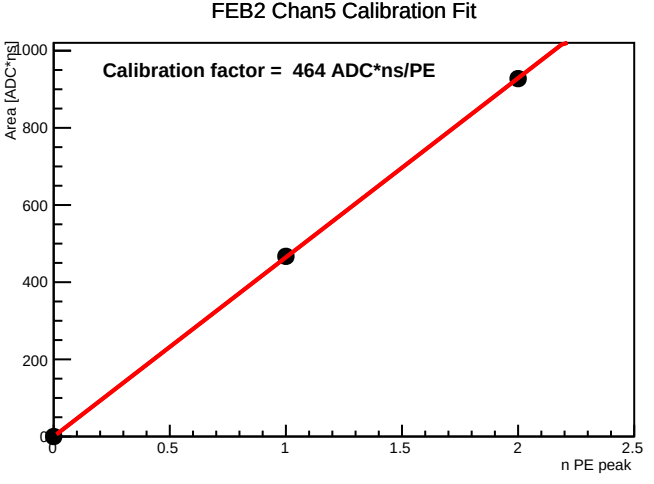

FEB2 Chan4 Calibration Fit
Calibration factor = 466 ADC*ns/PE
Area [ADC*ns]
n PE peak

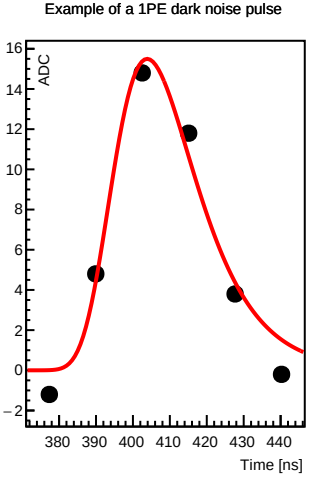

Example of a 1PE dark noise pulse
ADC
Time [ns]

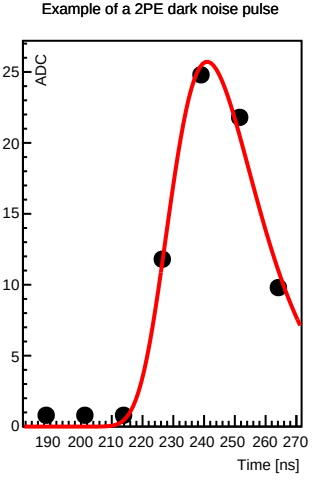

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB2 Chan5 Pedestal
Pedestal = -13.80
Noise StdDev = 0.90
Counts
ADC

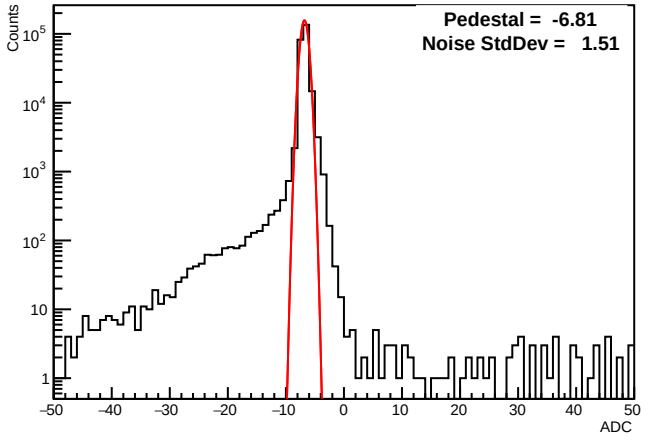

FEB2 Chan5 Calibration
1PE = 467 ADC*ns
2PE = 928 ADC*ns
Noise rate = 0.21 MHz
Cross talk probability = 3.1 %
Counts
Pulse area [ADC*ns]


FEB2 Chan5 Calibration Fit
Calibration factor = 464 ADC*ns/PE
Area [ADC*ns]
n PE peak

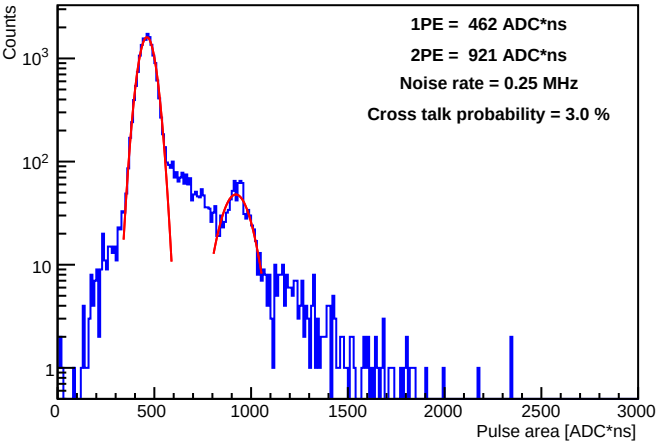

Example of a 1PE dark noise pulse
ADC
Time [ns]


Example of a 2PE dark noise pulse
ADC
Time [ns]

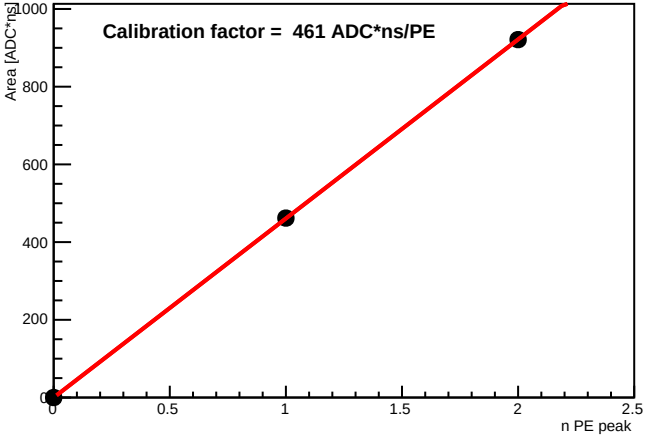
FEB2 Chan6 Pedestal



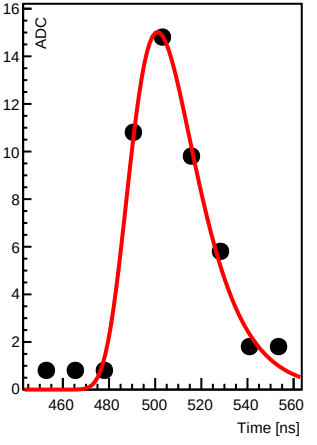
FEB2 Chan6 Calibration



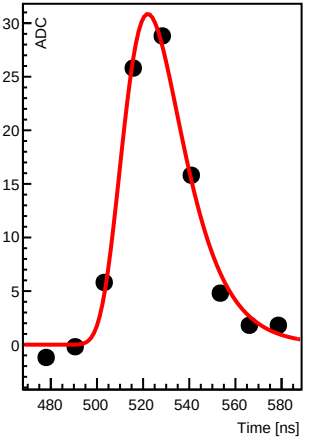
FEB2 Chan6 Calibration Fit

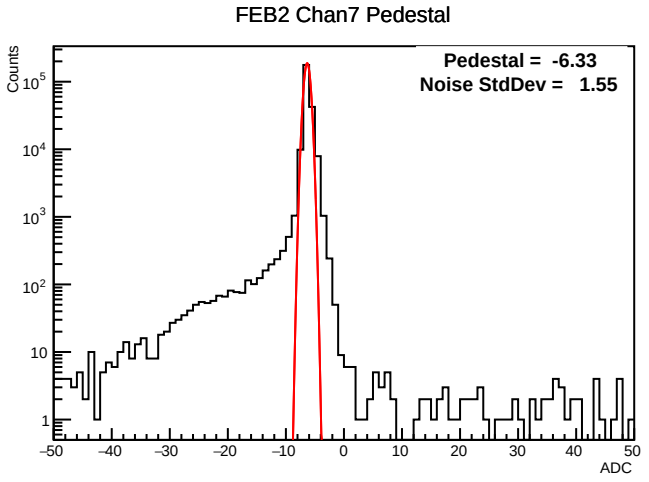


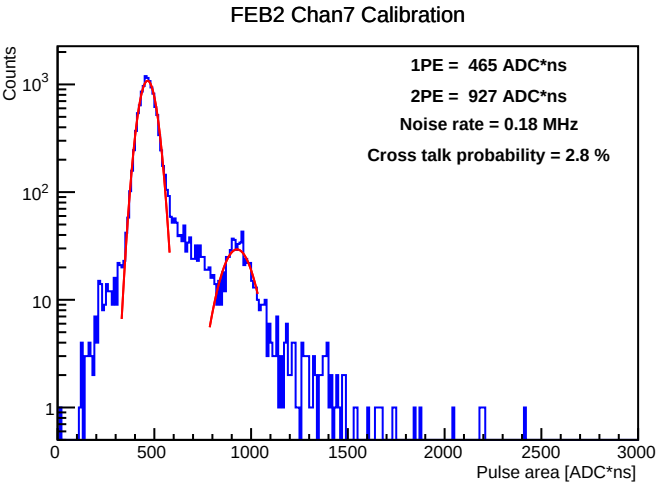
Example of a 1PE dark noise pulse

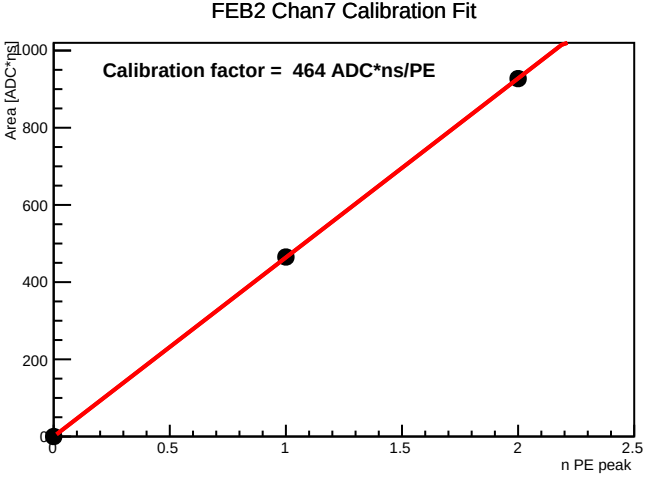


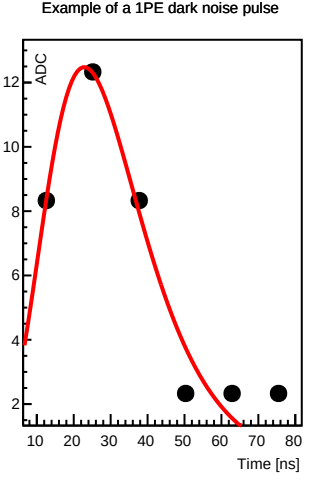
Example of a 2PE dark noise pulse

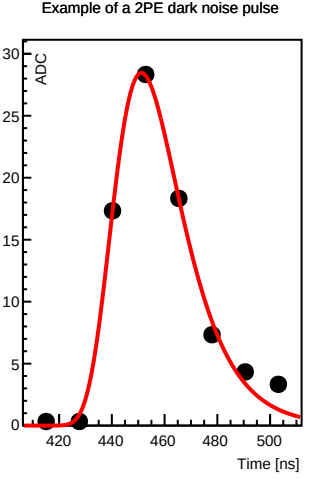


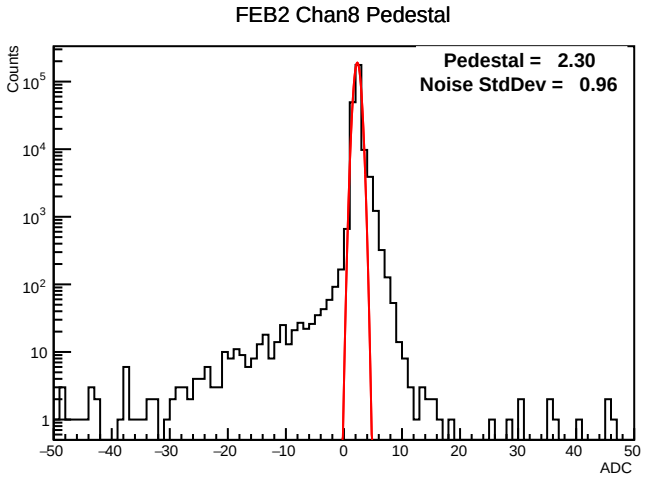

FEB2 Chan7 Pedestal
Pedestal = -6.33
Noise StdDev = 1.55
Counts
ADC

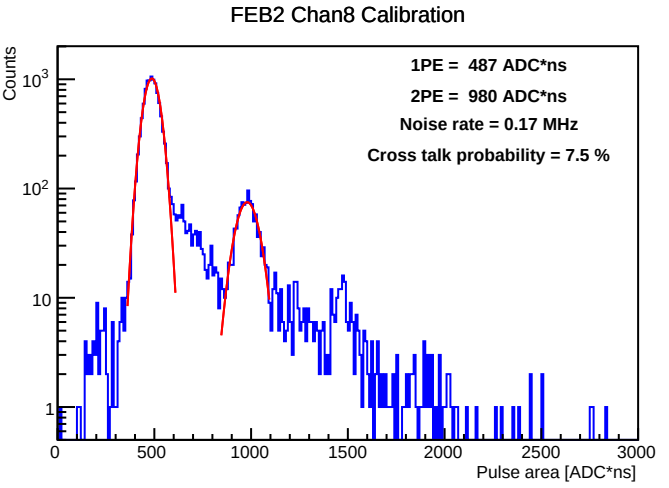

FEB2 Chan7 Calibration
1PE = 465 ADC*ns
2PE = 927 ADC*ns
Noise rate = 0.18 MHz
Cross talk probability = 2.8 %
Counts
Pulse area [ADC*ns]

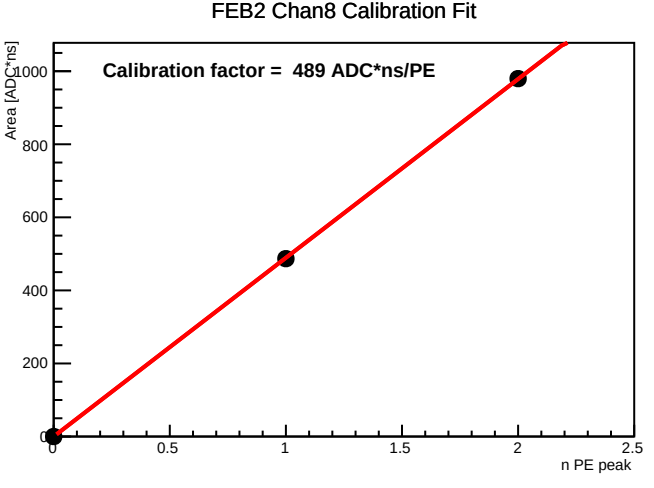

FEB2 Chan7 Calibration Fit
Calibration factor = 464 ADC*ns/PE
Area [ADC*ns]
n PE peak

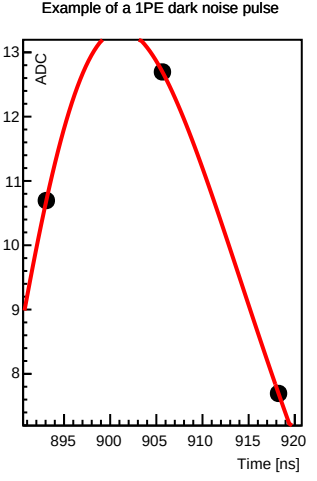

Example of a 1PE dark noise pulse
ADC
Time [ns]

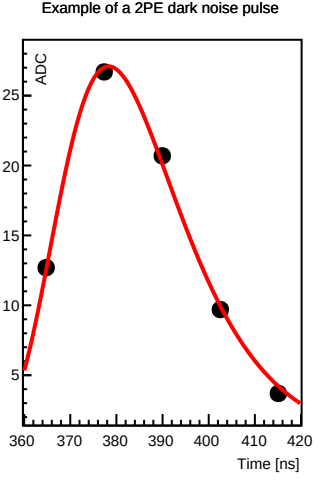

Example of a 2PE dark noise pulse
ADC
Time [ns]

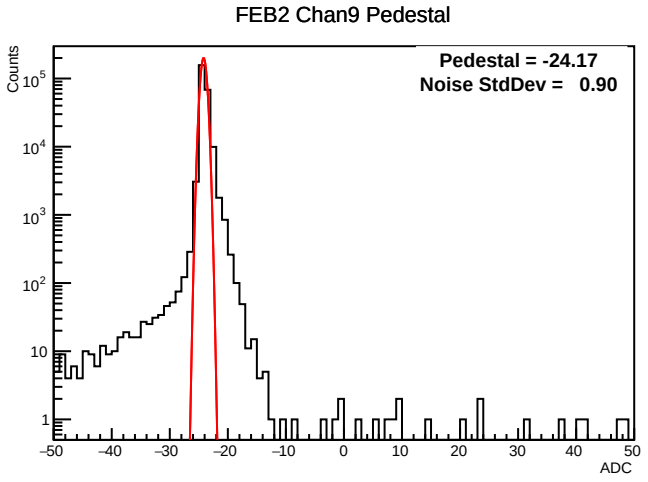

FEB2 Chan8 Pedestal
Pedestal = 2.30
Noise StdDev = 0.96
Counts
ADC

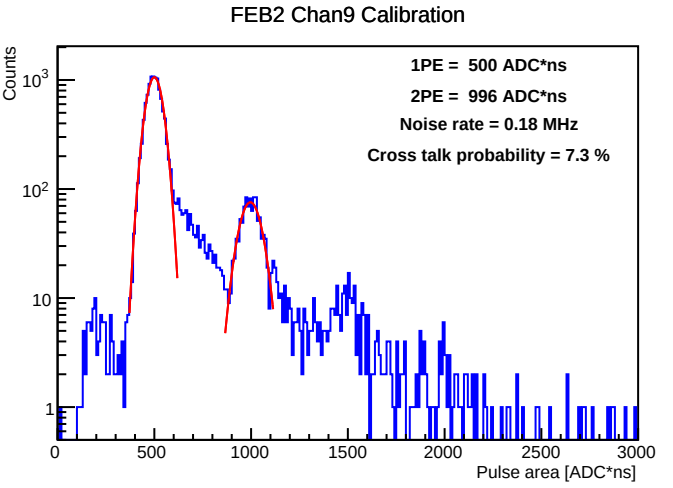

FEB2 Chan8 Calibration
1PE = 487 ADC*ns
2PE = 980 ADC*ns
Noise rate = 0.17 MHz
Cross talk probability = 7.5 %
Counts
Pulse area [ADC*ns]

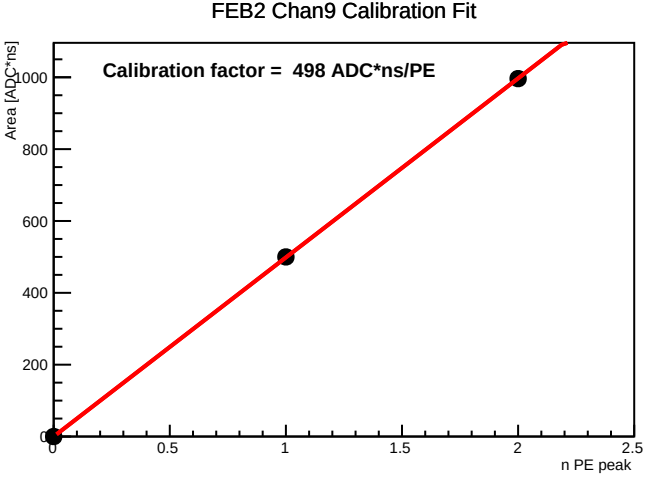

FEB2 Chan8 Calibration Fit
Calibration factor = 489 ADC*ns/PE
Area [ADC*ns]
n PE peak

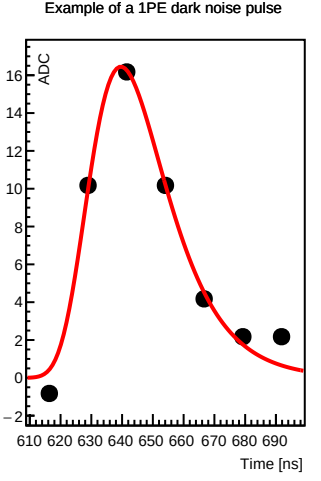

Example of a 1PE dark noise pulse
ADC
Time [ns]

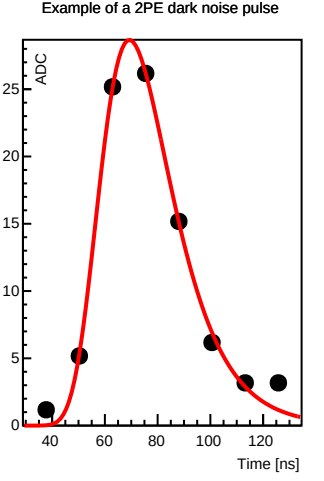

Example of a 2PE dark noise pulse
ADC
Time [ns]

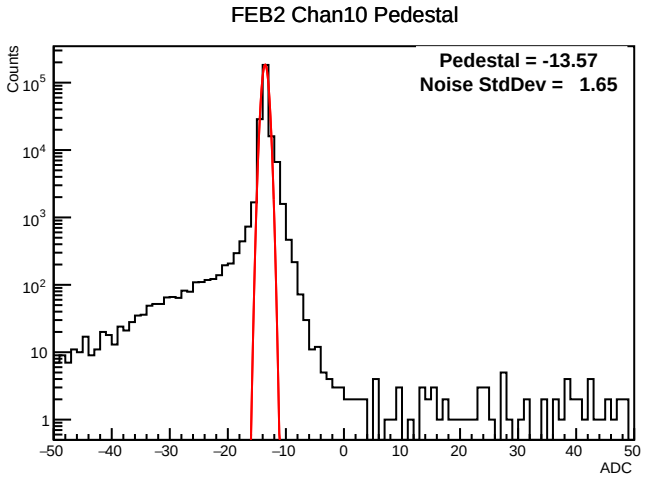

FEB2 Chan9 Pedestal
Pedestal = -24.17
Noise StdDev = 0.90
Counts
ADC

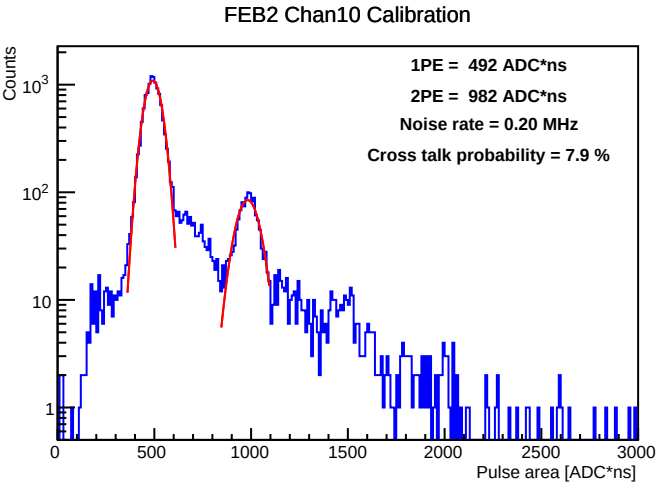

FEB2 Chan9 Calibration
1PE = 500 ADC*ns
2PE = 996 ADC*ns
Noise rate = 0.18 MHz
Cross talk probability = 7.3 %
Counts
Pulse area [ADC*ns]

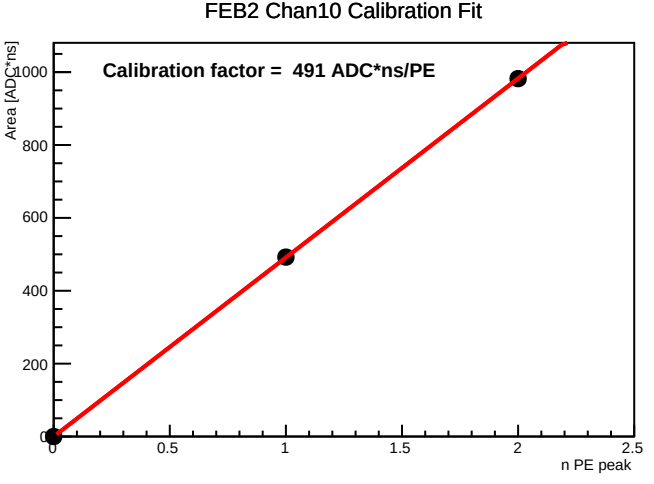

FEB2 Chan9 Calibration Fit
Calibration factor = 498 ADC*ns/PE
Area [ADC*ns]
n PE peak

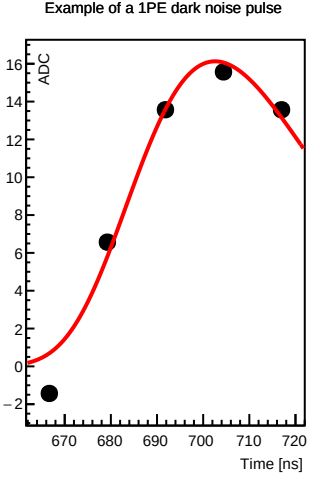

Example of a 1PE dark noise pulse
ADC
Time [ns]

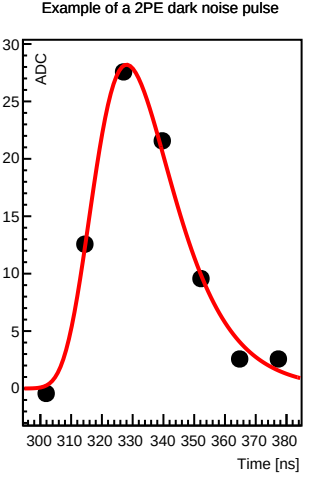

Example of a 2PE dark noise pulse
ADC
Time [ns]

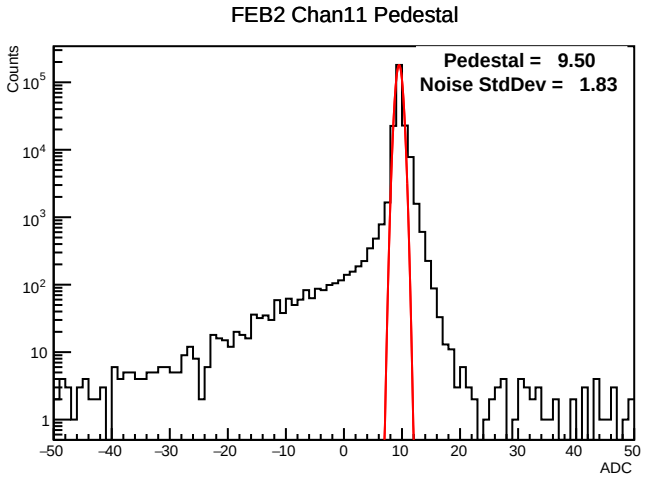

FEB2 Chan10 Pedestal
Pedestal = -13.57
Noise StdDev = 1.65
Counts
ADC

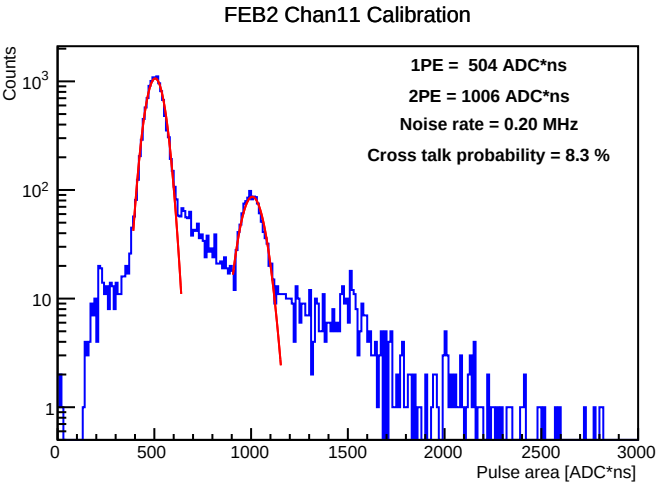

FEB2 Chan10 Calibration
1PE = 492 ADC*ns
2PE = 982 ADC*ns
Noise rate = 0.20 MHz
Cross talk probability = 7.9 %
Counts
Pulse area [ADC*ns]

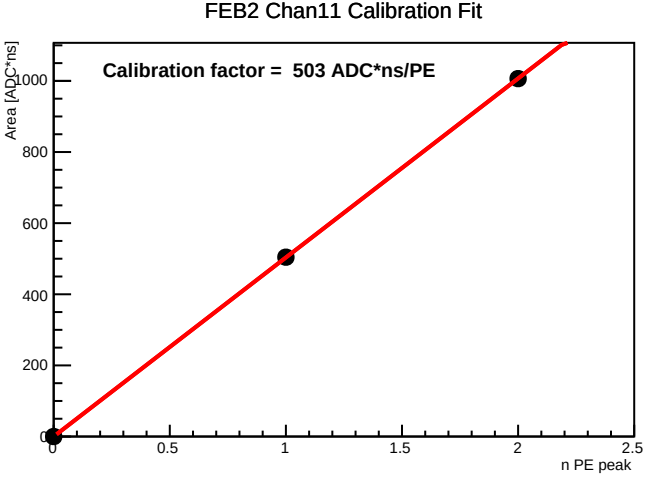

FEB2 Chan10 Calibration Fit
Calibration factor = 491 ADC*ns/PE
Area [ADC*ns]
n PE peak

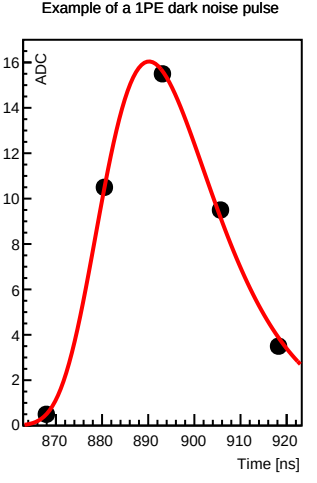

Example of a 1PE dark noise pulse
ADC
Time [ns]

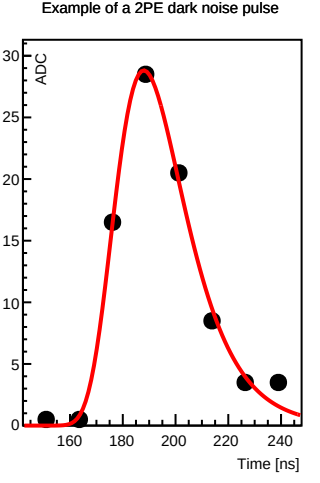

Example of a 2PE dark noise pulse
ADC
Time [ns]

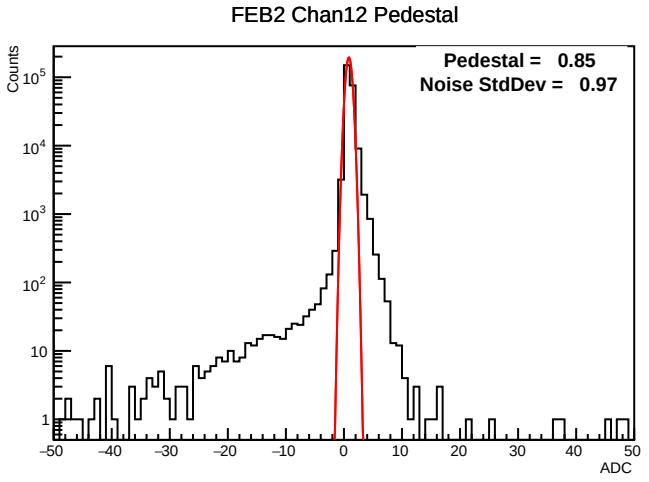

FEB2 Chan11 Pedestal
Pedestal = 9.50
Noise StdDev = 1.83
Counts
ADC

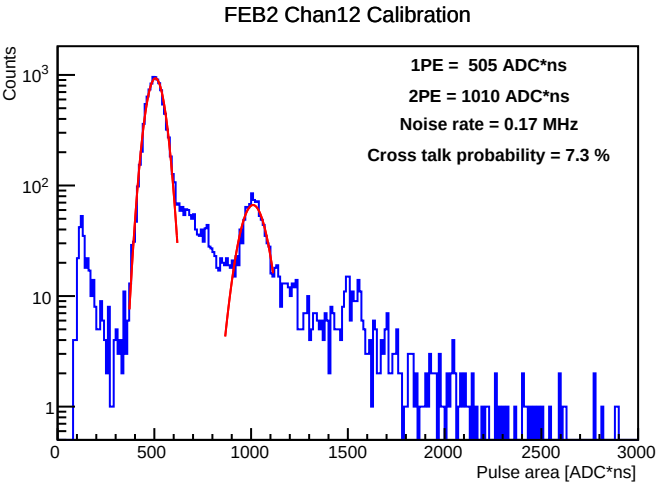

FEB2 Chan11 Calibration
1PE = 504 ADC*ns
2PE = 1006 ADC*ns
Noise rate = 0.20 MHz
Cross talk probability = 8.3 %
Counts
Pulse area [ADC*ns]

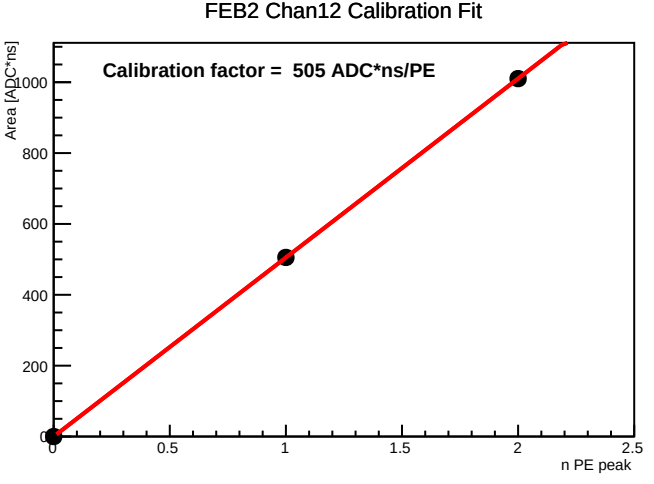

FEB2 Chan11 Calibration Fit
Calibration factor = 503 ADC*ns/PE
Area [ADC*ns]
n PE peak

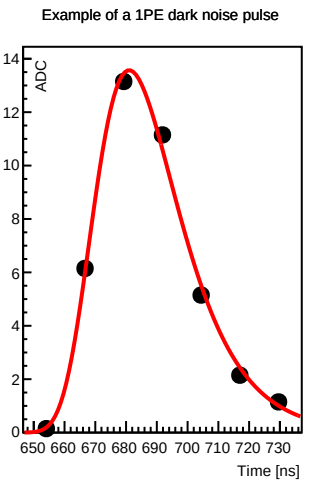

Example of a 1PE dark noise pulse
ADC
Time [ns]

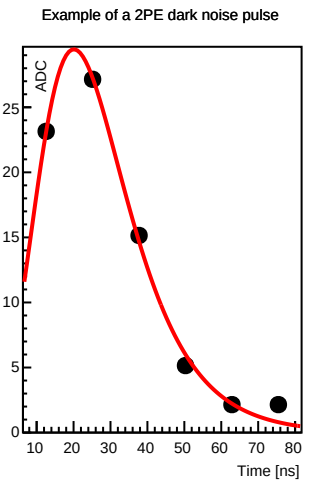

Example of a 2PE dark noise pulse
ADC
Time [ns]

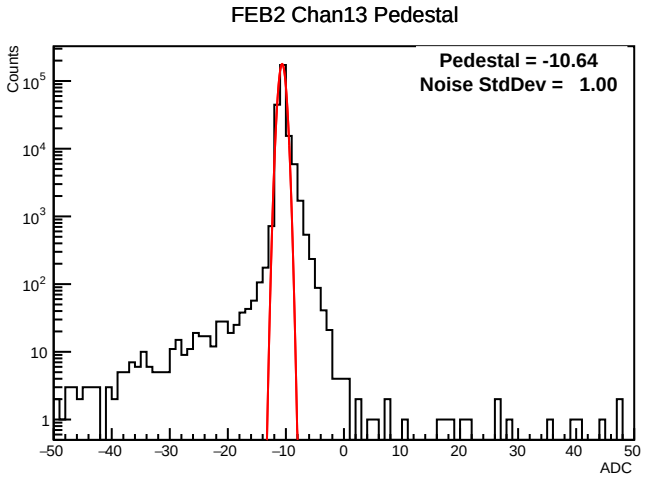

FEB2 Chan12 Pedestal
Pedestal = 0.85
Noise StdDev = 0.97
Counts
ADC

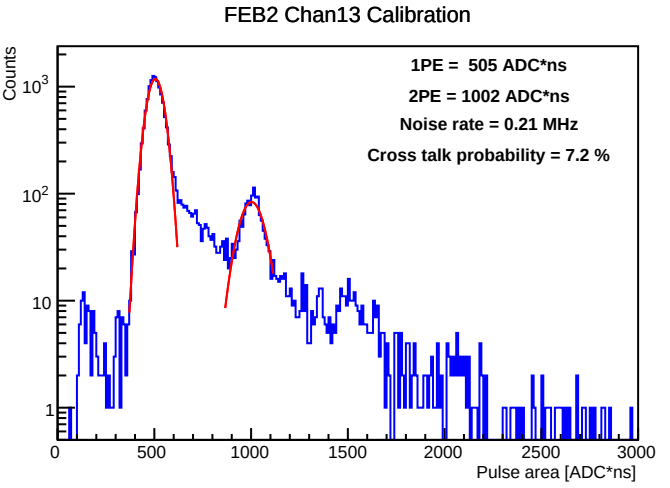

FEB2 Chan12 Calibration
1PE = 505 ADC*ns
2PE = 1010 ADC*ns
Noise rate = 0.17 MHz
Cross talk probability = 7.3 %
Counts
Pulse area [ADC*ns]

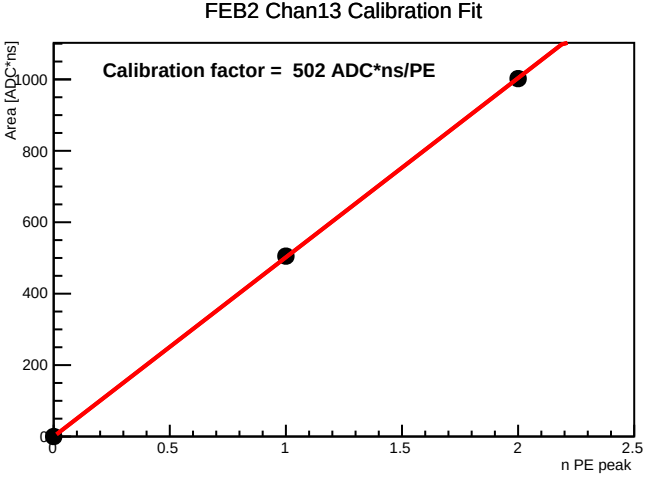

FEB2 Chan12 Calibration Fit
Calibration factor = 505 ADC*ns/PE
Area [ADC*ns]
n PE peak

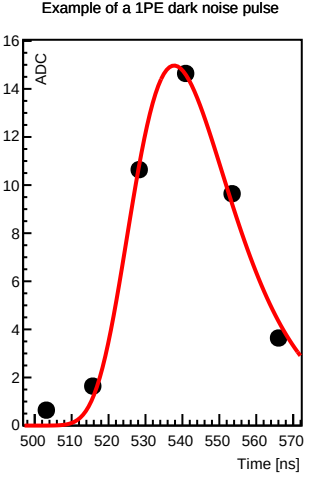

Example of a 1PE dark noise pulse
ADC
Time [ns]

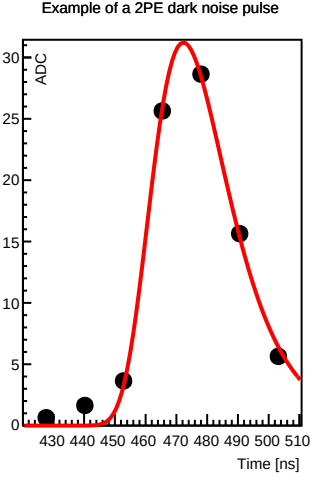

Example of a 2PE dark noise pulse
ADC
Time [ns]

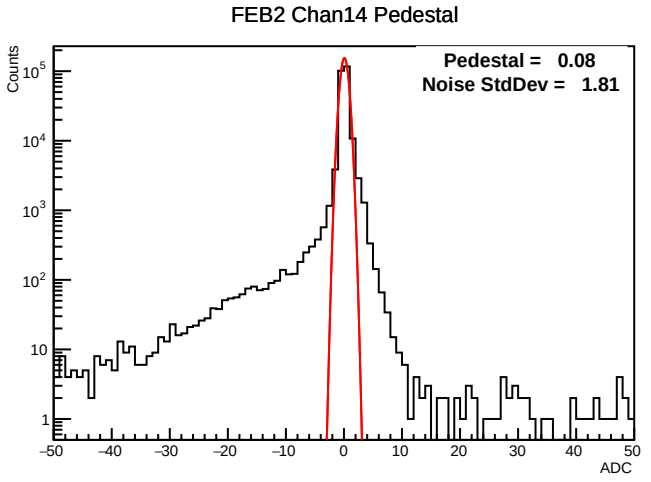

FEB2 Chan13 Pedestal
Pedestal = -10.64
Noise StdDev = 1.00
Counts
ADC

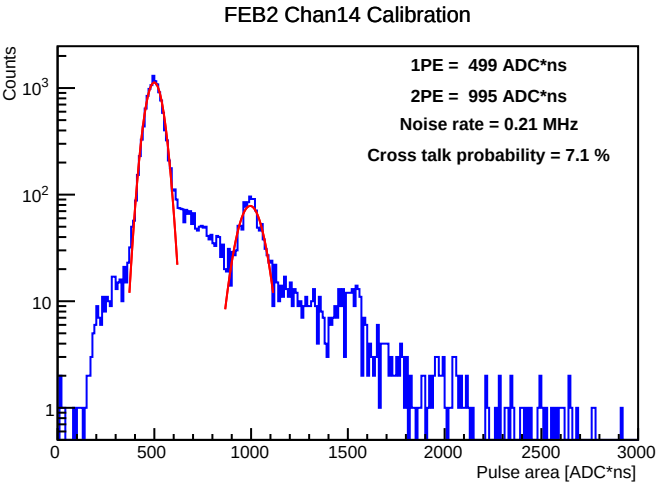

FEB2 Chan13 Calibration
1PE = 505 ADC*ns
2PE = 1002 ADC*ns
Noise rate = 0.21 MHz
Cross talk probability = 7.2 %
Counts
Pulse area [ADC*ns]

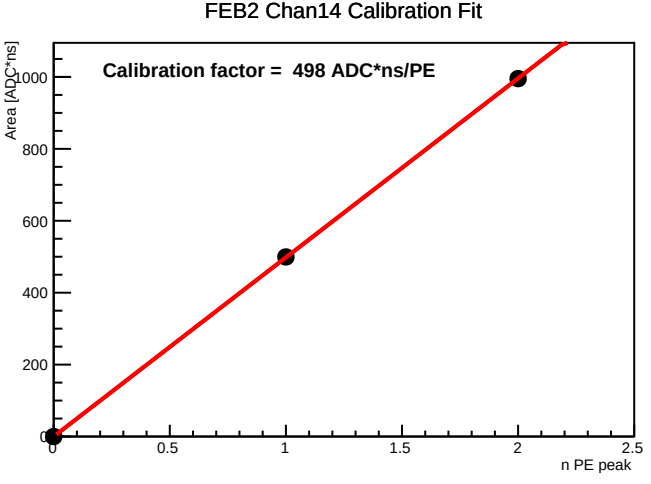

FEB2 Chan13 Calibration Fit
Calibration factor = 502 ADC*ns/PE
Area [ADC*ns]
n PE peak

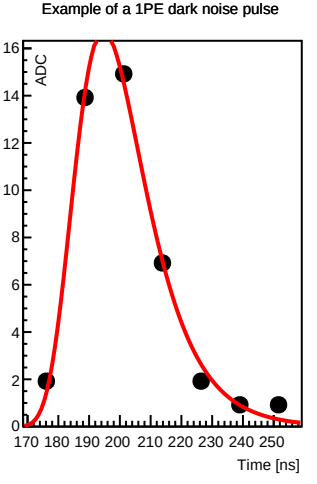

Example of a 1PE dark noise pulse
ADC
Time [ns]

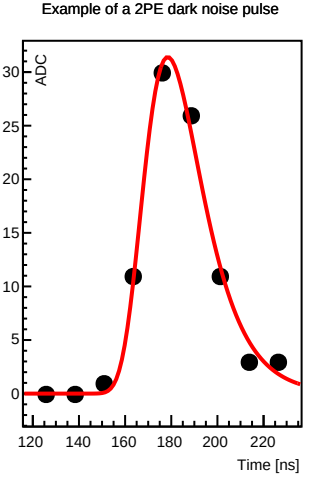

Example of a 2PE dark noise pulse
ADC
Time [ns]

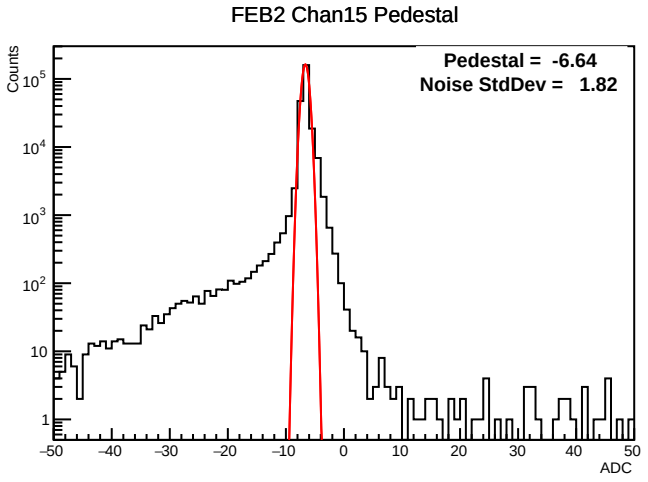

FEB2 Chan14 Pedestal
Pedestal = 0.08
Noise StdDev = 1.81
Counts
ADC

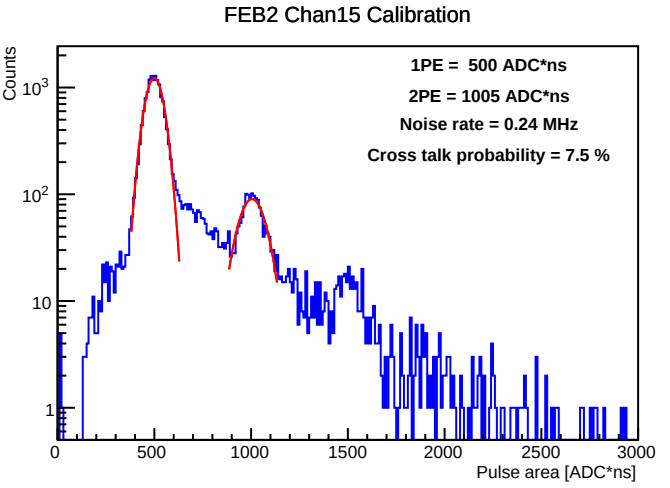

FEB2 Chan14 Calibration
1PE = 499 ADC*ns
2PE = 995 ADC*ns
Noise rate = 0.21 MHz
Cross talk probability = 7.1 %
Counts
Pulse area [ADC*ns]

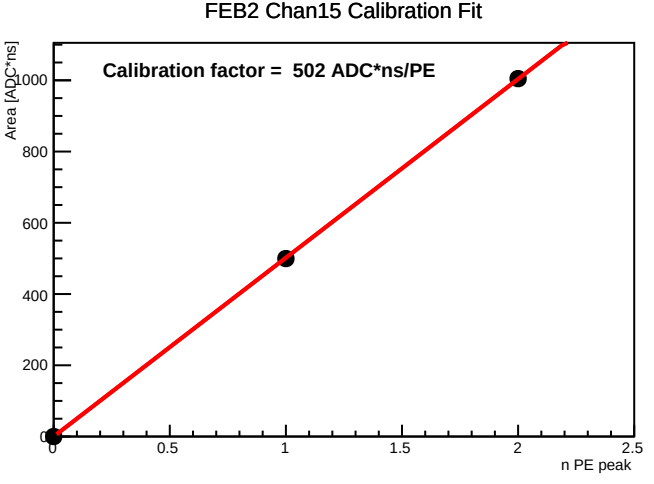

FEB2 Chan14 Calibration Fit
Calibration factor = 498 ADC*ns/PE
Area [ADC*ns]
n PE peak

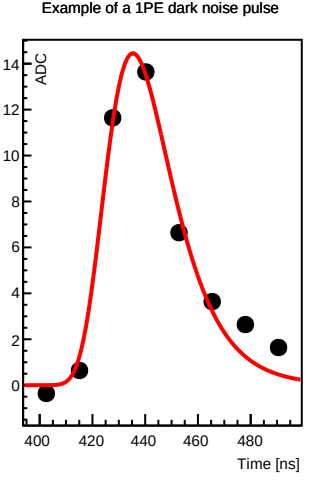

Example of a 1PE dark noise pulse
ADC
Time [ns]

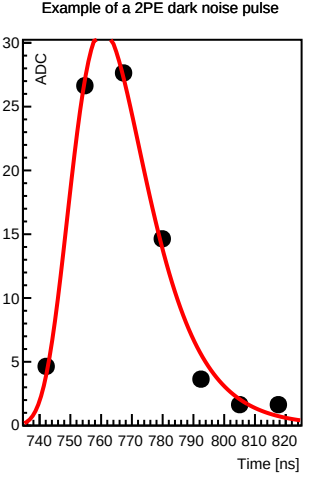

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB2 Chan15 Pedestal
Pedestal = -6.64
Noise StdDev = 1.82
Counts
ADC


FEB2 Chan15 Calibration
1PE = 500 ADC*ns
2PE = 1005 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 7.5 %
Counts
Pulse area [ADC*ns]


FEB2 Chan15 Calibration Fit
Calibration factor = 502 ADC*ns/PE
Area [ADC*ns]
n PE peak


Example of a 1PE dark noise pulse
ADC
Time [ns]


Example of a 2PE dark noise pulse
ADC
Time [ns]