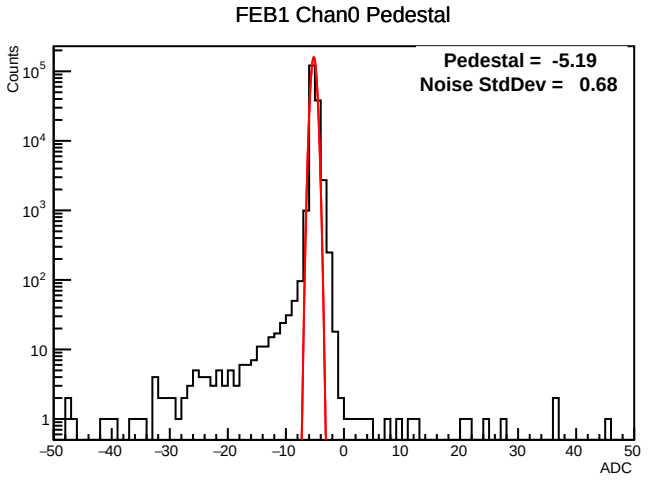
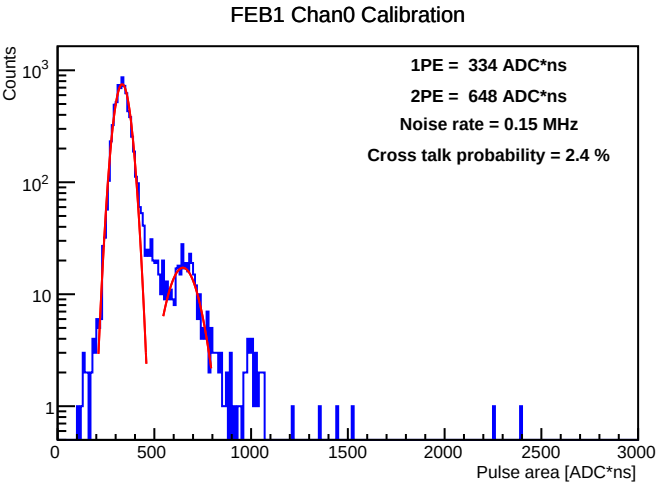
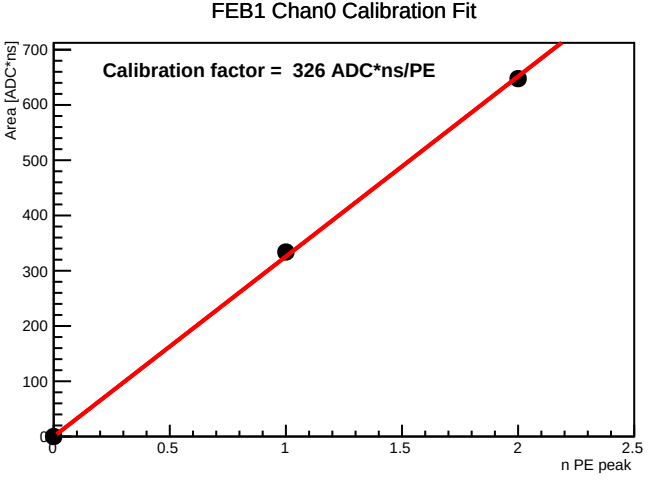
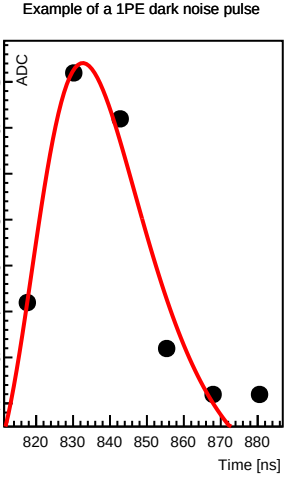
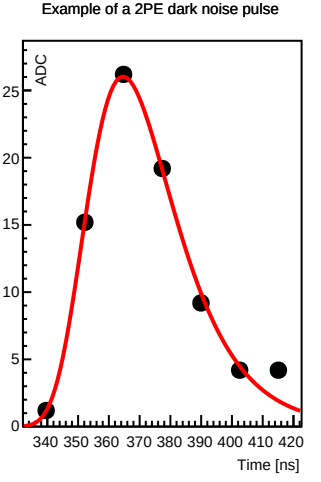
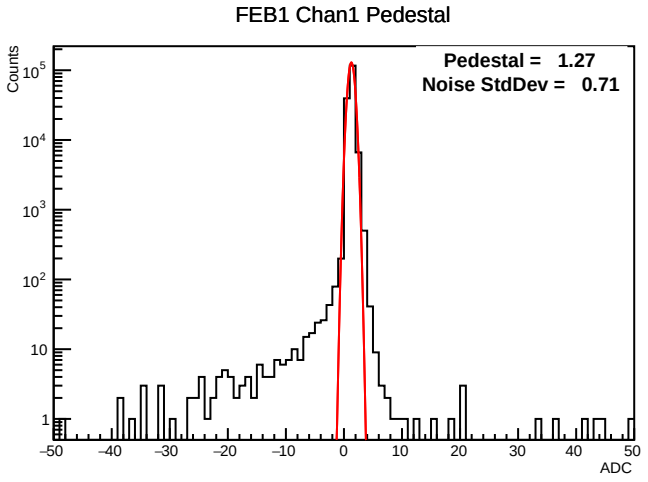

FEB1 Chan0 Pedestal
Pedestal = -5.19
Noise StdDev = 0.68
Counts
ADC

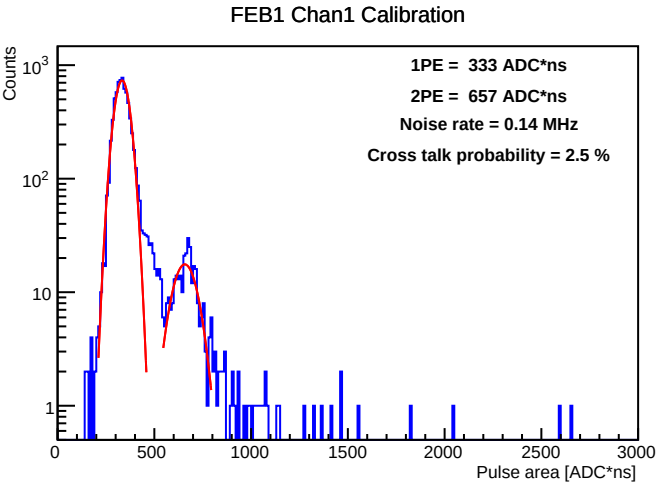

FEB1 Chan0 Calibration
1PE = 334 ADC*ns
2PE = 648 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 2.4 %
Counts
Pulse area [ADC*ns]

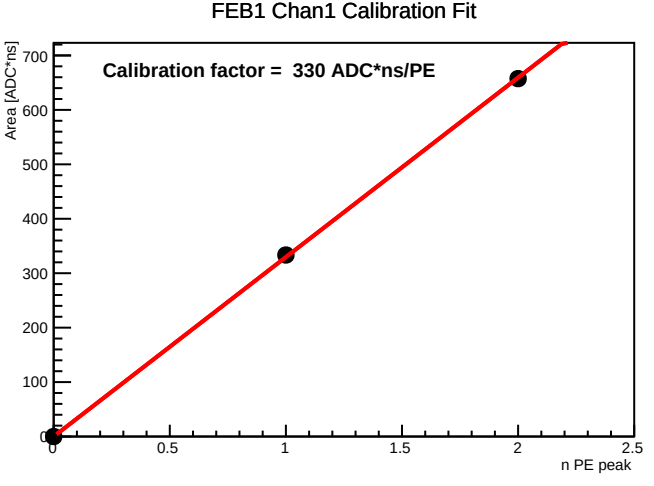

FEB1 Chan0 Calibration Fit
Calibration factor = 326 ADC*ns/PE
Area [ADC*ns]
n PE peak

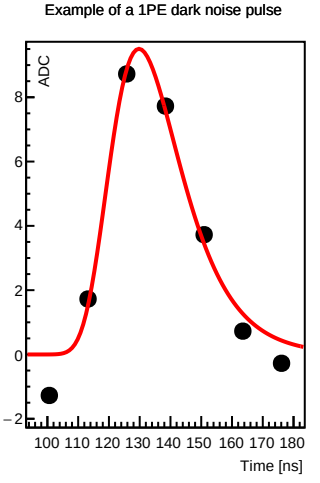

Example of a 1PE dark noise pulse
ADC
Time [ns]

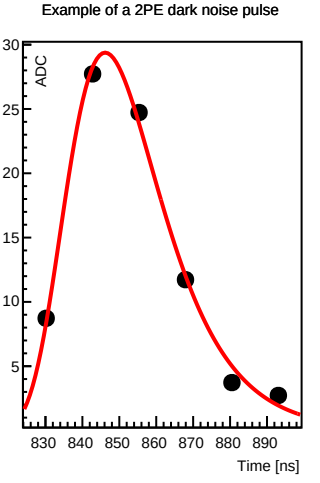

Example of a 2PE dark noise pulse
ADC
Time [ns]

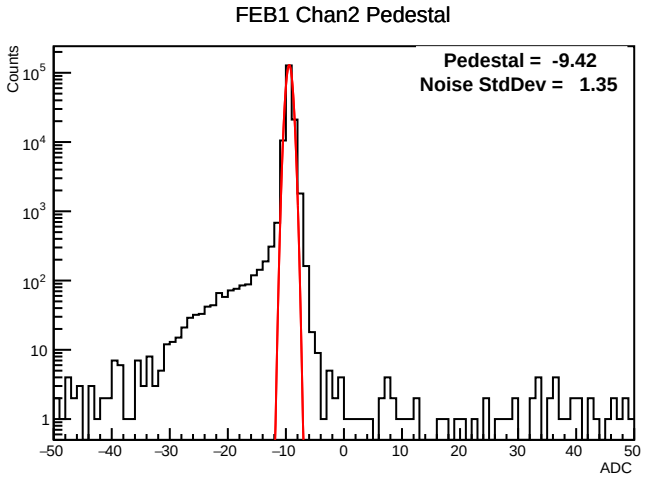

FEB1 Chan1 Pedestal
Pedestal = 1.27
Noise StdDev = 0.71
Counts
ADC

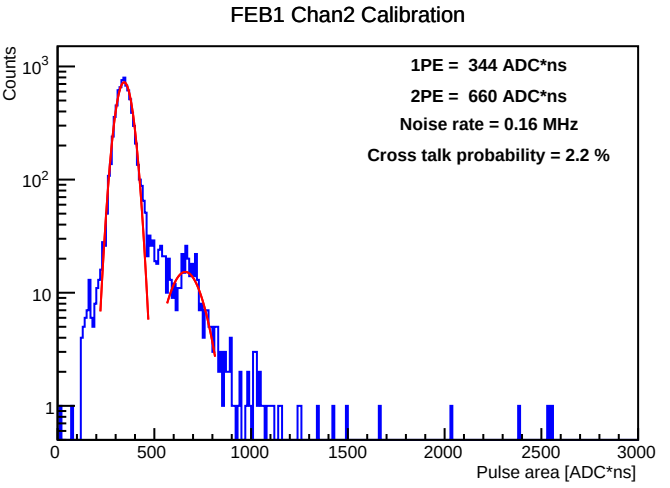

FEB1 Chan1 Calibration
1PE = 333 ADC*ns
2PE = 657 ADC*ns
Noise rate = 0.14 MHz
Cross talk probability = 2.5 %
Counts
Pulse area [ADC*ns]

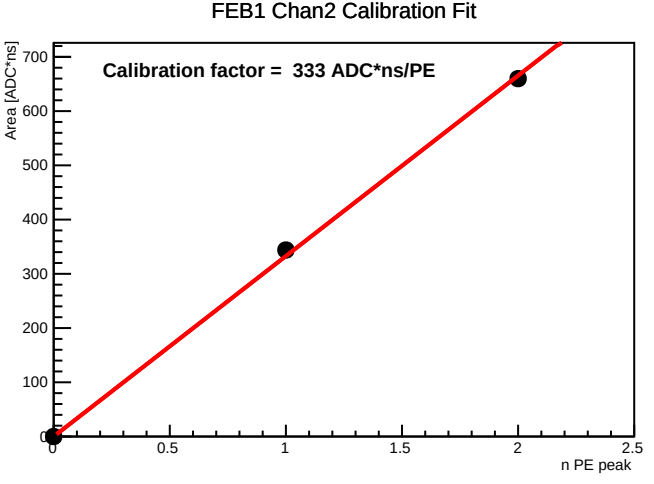

FEB1 Chan1 Calibration Fit
Calibration factor = 330 ADC*ns/PE
Area [ADC*ns]
n PE peak

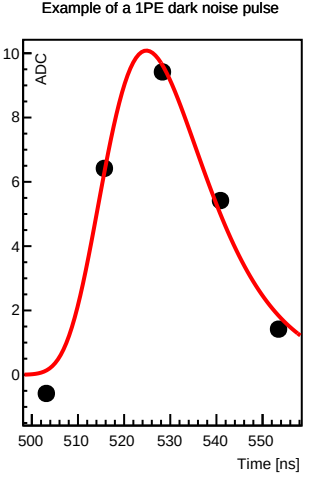

Example of a 1PE dark noise pulse
ADC
Time [ns]

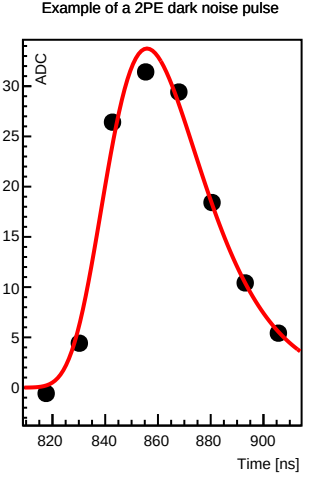

Example of a 2PE dark noise pulse
ADC
Time [ns]

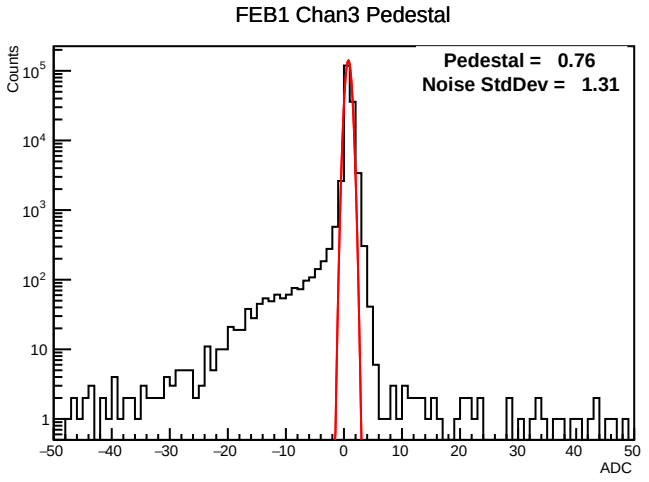

FEB1 Chan2 Pedestal
Pedestal = -9.42
Noise StdDev = 1.35
Counts
ADC

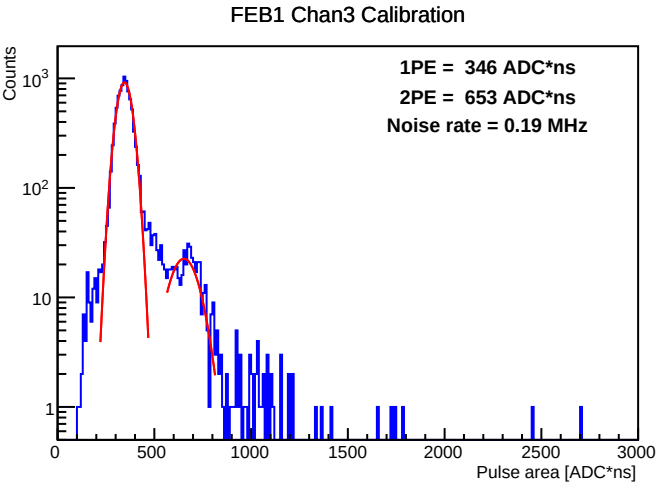

FEB1 Chan2 Calibration
1PE = 344 ADC*ns
2PE = 660 ADC*ns
Noise rate = 0.16 MHz
Cross talk probability = 2.2 %
Counts
Pulse area [ADC*ns]

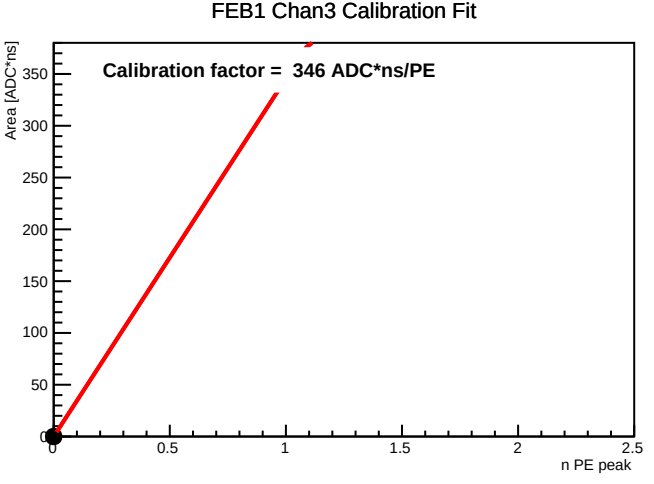

FEB1 Chan2 Calibration Fit
Calibration factor = 333 ADC*ns/PE
Area [ADC*ns]
n PE peak

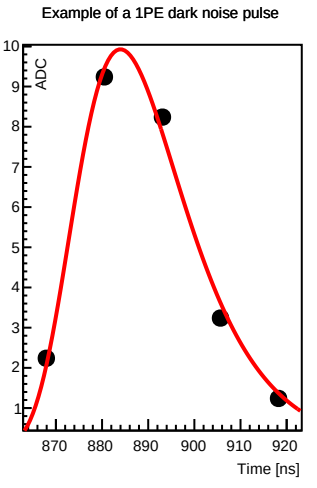

Example of a 1PE dark noise pulse
ADC
Time [ns]

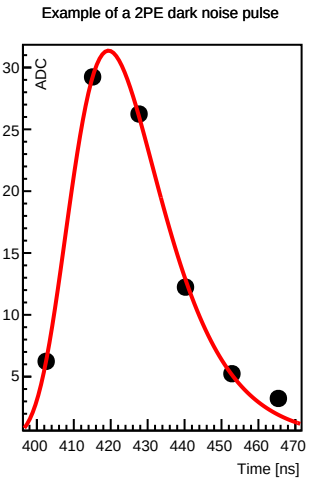

Example of a 2PE dark noise pulse
ADC
Time [ns]

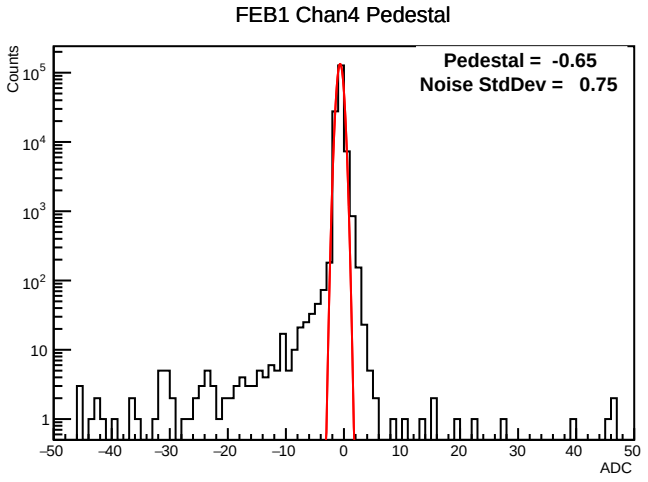

FEB1 Chan3 Pedestal
Pedestal = 0.76
Noise StdDev = 1.31
Counts
ADC

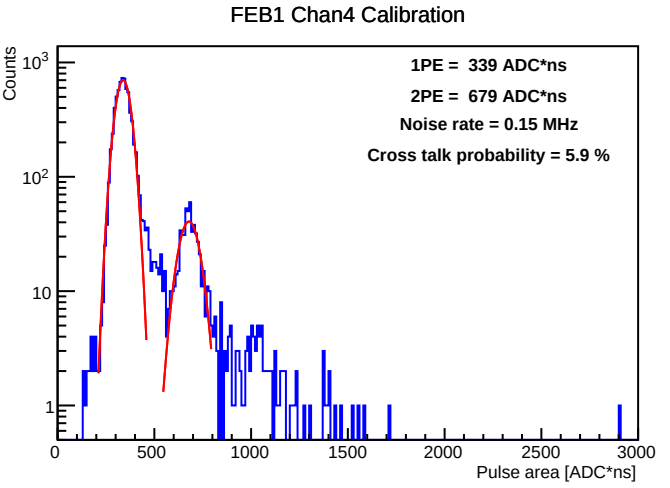

FEB1 Chan3 Calibration
1PE = 346 ADC*ns
2PE = 653 ADC*ns
Noise rate = 0.19 MHz
Counts
Pulse area [ADC*ns]

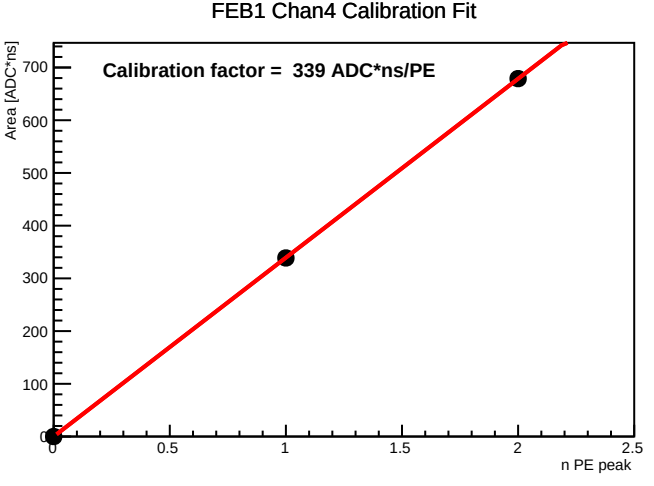

FEB1 Chan3 Calibration Fit
Calibration factor = 346 ADC*ns/PE
Area [ADC*ns]
n PE peak

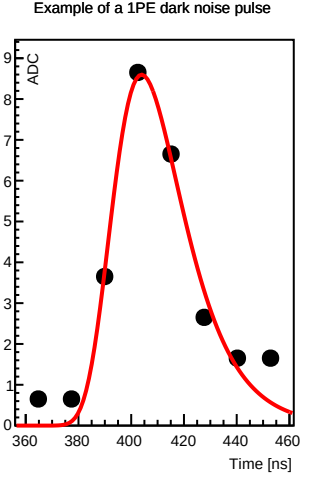

Example of a 1PE dark noise pulse
ADC
Time [ns]

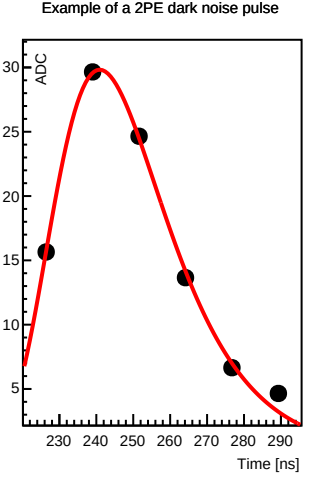

Example of a 2PE dark noise pulse
ADC
Time [ns]

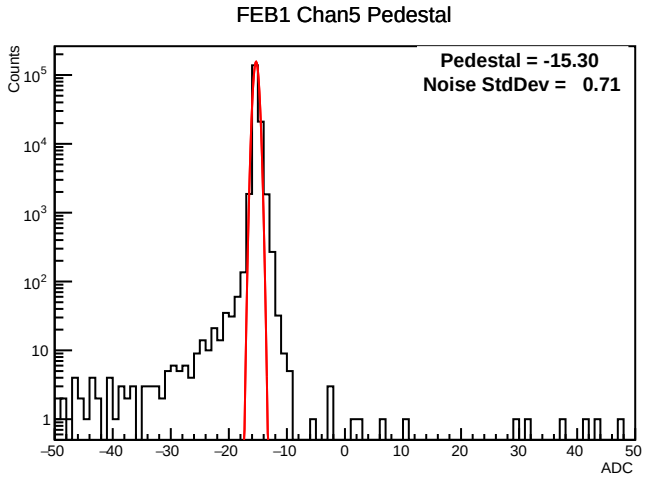

FEB1 Chan4 Pedestal
Pedestal = -0.65
Noise StdDev = 0.75
Counts
ADC

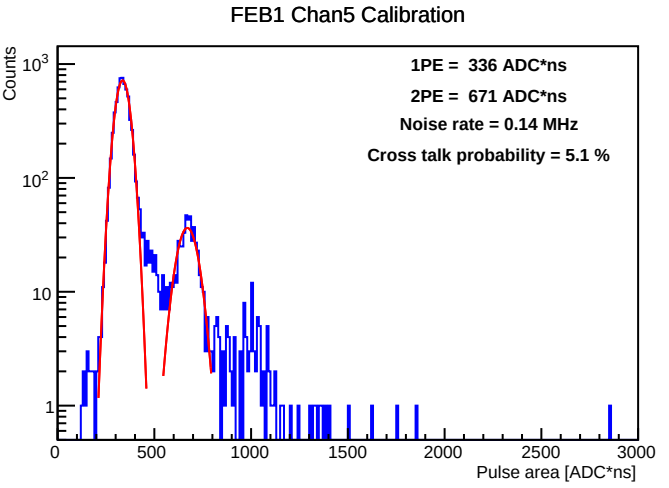

FEB1 Chan4 Calibration
1PE = 339 ADC*ns
2PE = 679 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 5.9 %
Counts
Pulse area [ADC*ns]

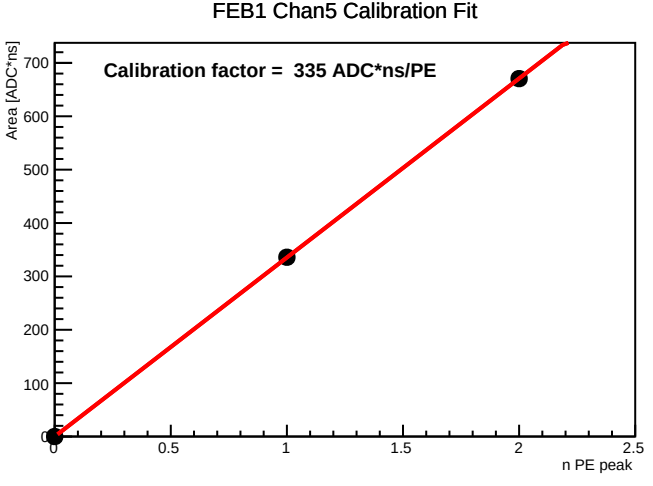

FEB1 Chan4 Calibration Fit
Calibration factor = 339 ADC*ns/PE
Area [ADC*ns]
n PE peak

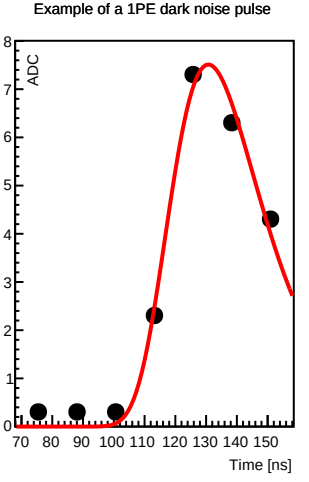

Example of a 1PE dark noise pulse
ADC
Time [ns]

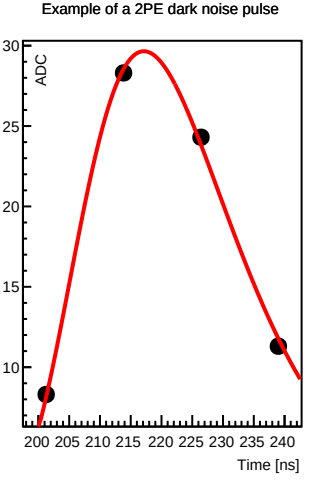

Example of a 2PE dark noise pulse
ADC
Time [ns]

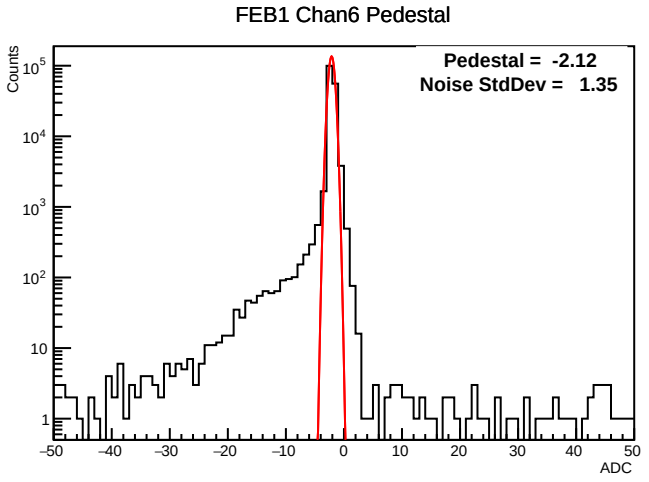

FEB1 Chan5 Pedestal
Pedestal = -15.30
Noise StdDev = 0.71
Counts
ADC

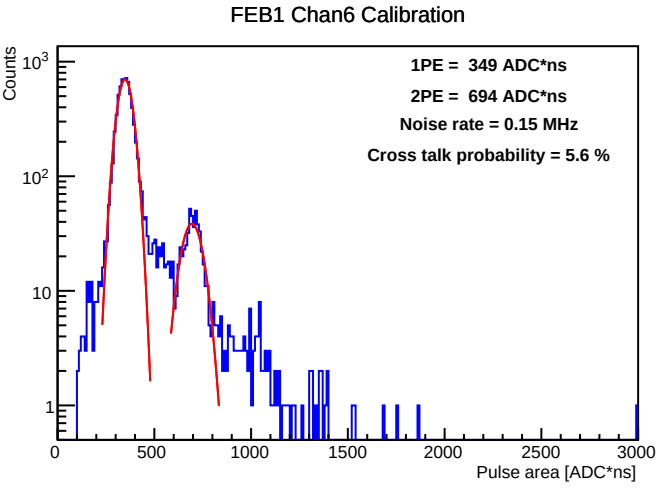

FEB1 Chan5 Calibration
1PE = 336 ADC*ns
2PE = 671 ADC*ns
Noise rate = 0.14 MHz
Cross talk probability = 5.1 %
Counts
Pulse area [ADC*ns]

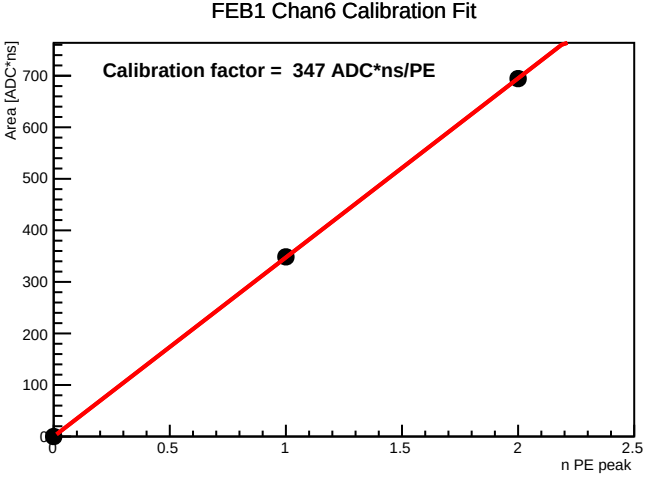

FEB1 Chan5 Calibration Fit
Calibration factor = 335 ADC*ns/PE
Area [ADC*ns]
n PE peak

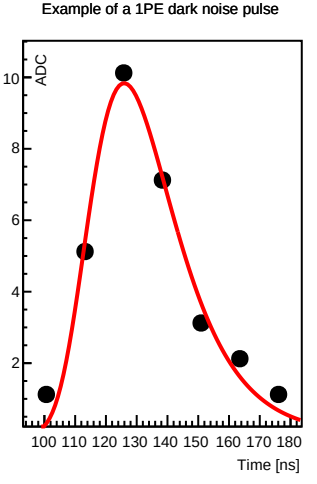

Example of a 1PE dark noise pulse
ADC
Time [ns]

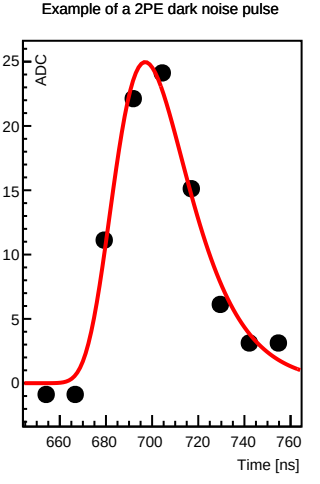

Example of a 2PE dark noise pulse
ADC
Time [ns]

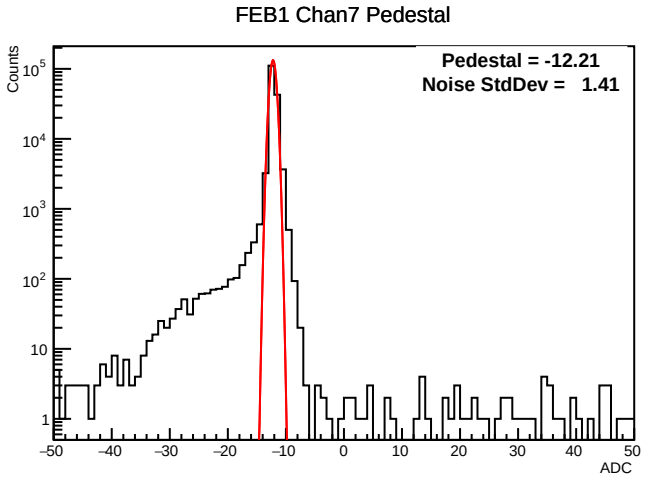

FEB1 Chan6 Pedestal
Pedestal = -2.12
Noise StdDev = 1.35
Counts
ADC

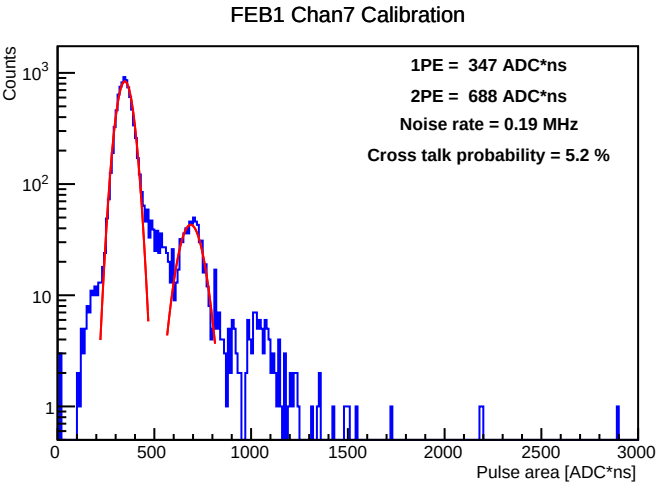

FEB1 Chan6 Calibration
1PE = 349 ADC*ns
2PE = 694 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 5.6 %
Counts
Pulse area [ADC*ns]

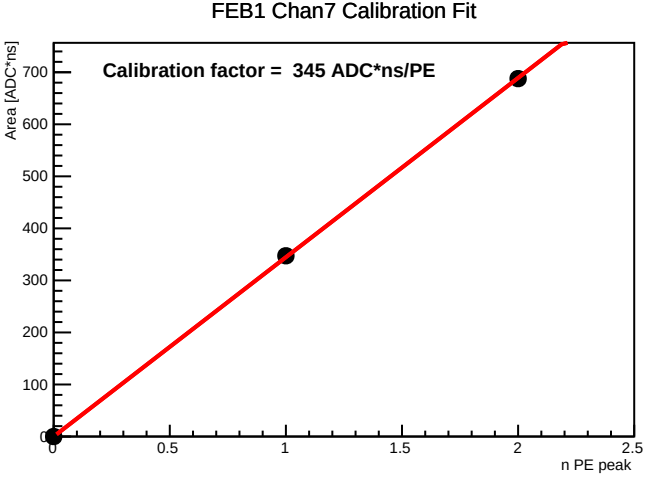

FEB1 Chan6 Calibration Fit
Calibration factor = 347 ADC*ns/PE
Area [ADC*ns]
n PE peak

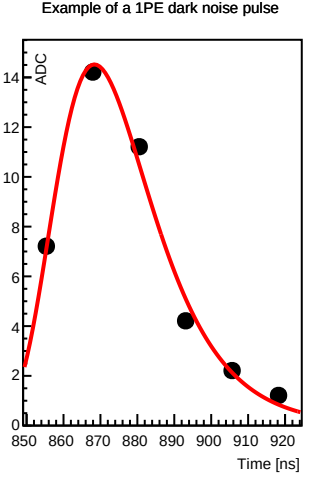

Example of a 1PE dark noise pulse
ADC
Time [ns]

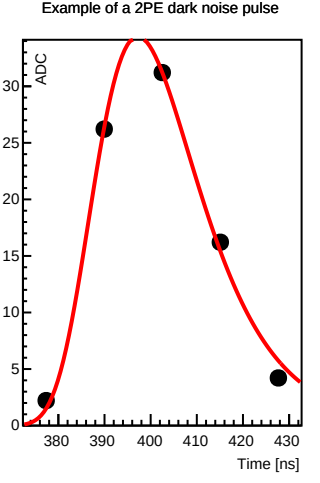

Example of a 2PE dark noise pulse
ADC
Time [ns]

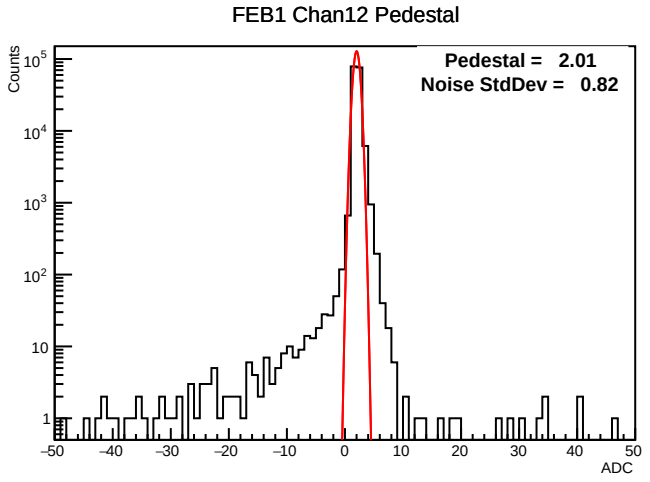

FEB1 Chan7 Pedestal
Pedestal = -12.21
Noise StdDev = 1.41
Counts
ADC

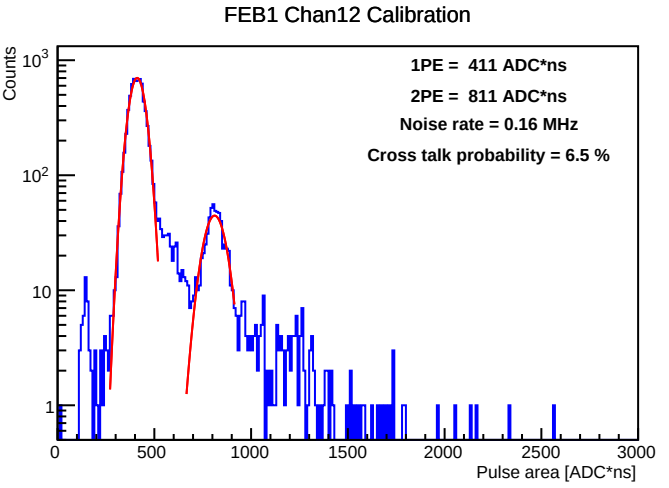

FEB1 Chan7 Calibration
1PE = 347 ADC*ns
2PE = 688 ADC*ns
Noise rate = 0.19 MHz
Cross talk probability = 5.2 %
Counts
Pulse area [ADC*ns]

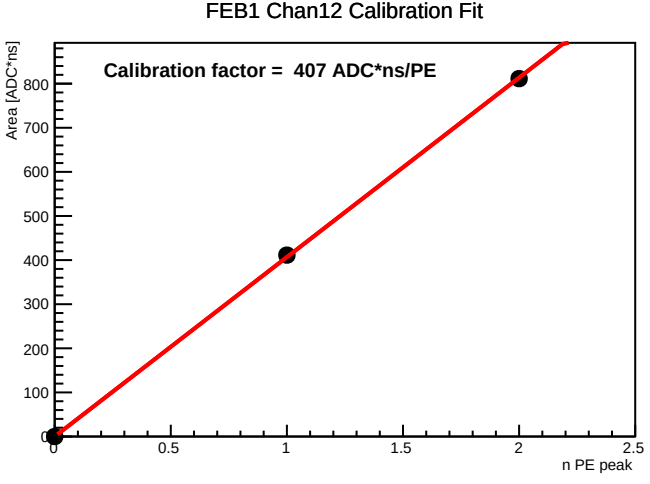

FEB1 Chan7 Calibration Fit
Calibration factor = 345 ADC*ns/PE
Area [ADC*ns]
n PE peak

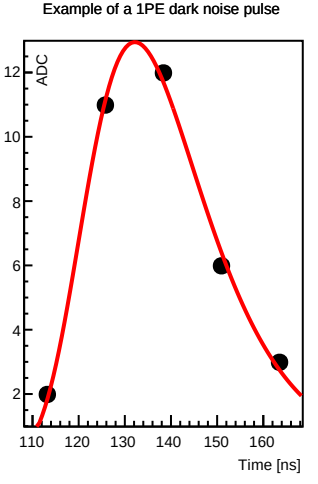

Example of a 1PE dark noise pulse
ADC
Time [ns]

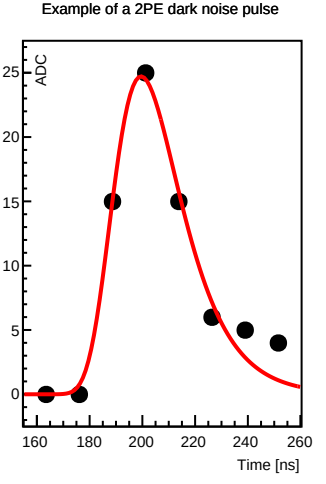

Example of a 2PE dark noise pulse
ADC
Time [ns]

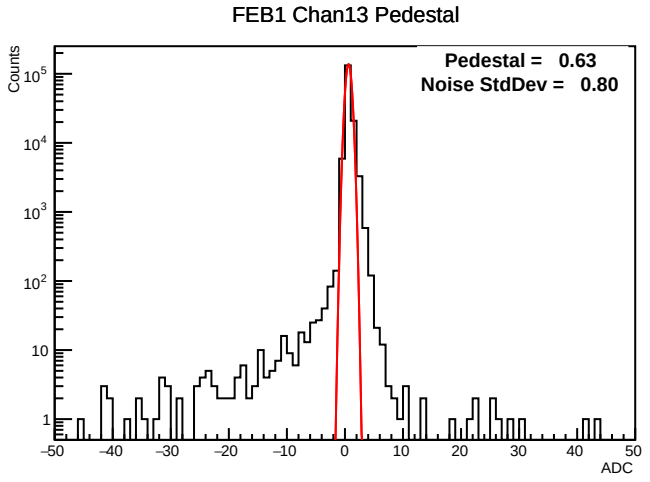

FEB1 Chan12 Pedestal
Pedestal = 2.01
Noise StdDev = 0.82
Counts
ADC

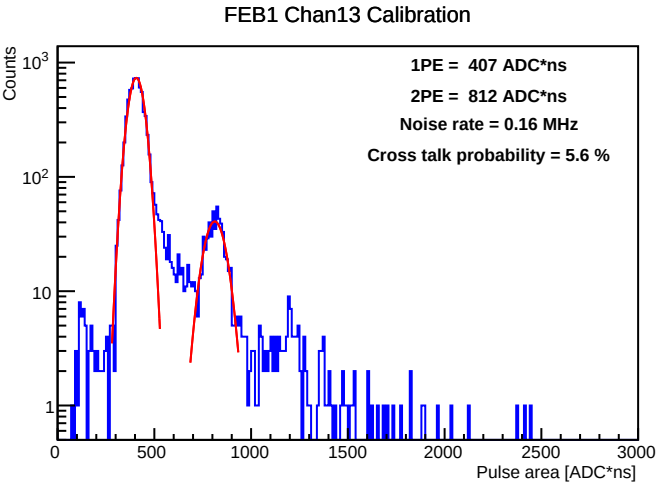

FEB1 Chan12 Calibration
1PE = 411 ADC*ns
2PE = 811 ADC*ns
Noise rate = 0.16 MHz
Cross talk probability = 6.5 %
Counts
Pulse area [ADC*ns]

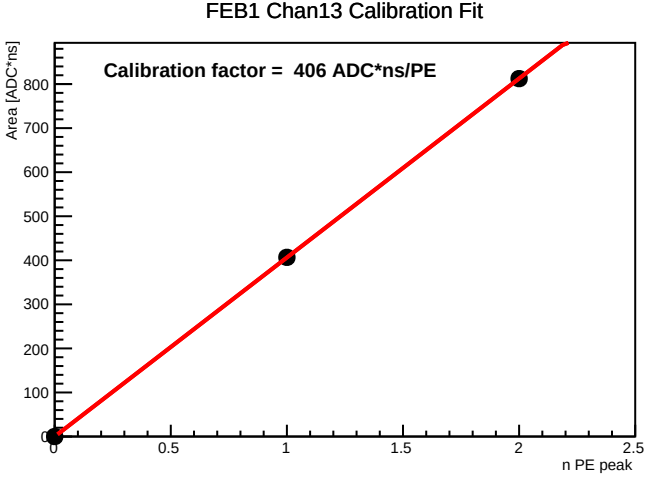

FEB1 Chan12 Calibration Fit
Calibration factor = 407 ADC*ns/PE
Area [ADC*ns]
n PE peak

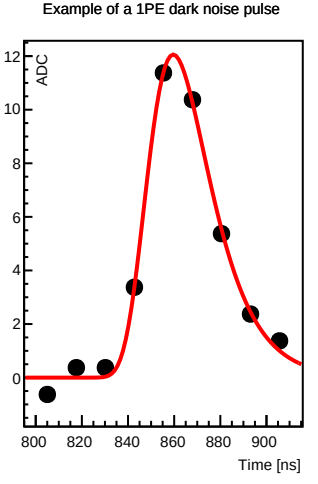

Example of a 1PE dark noise pulse
ADC
Time [ns]

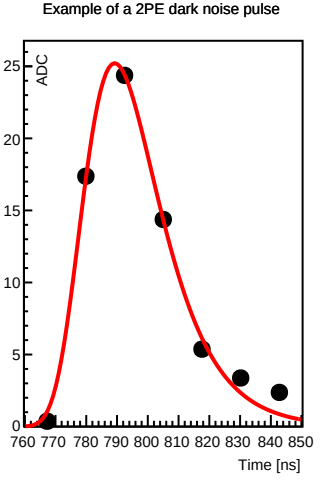

Example of a 2PE dark noise pulse
ADC
Time [ns]

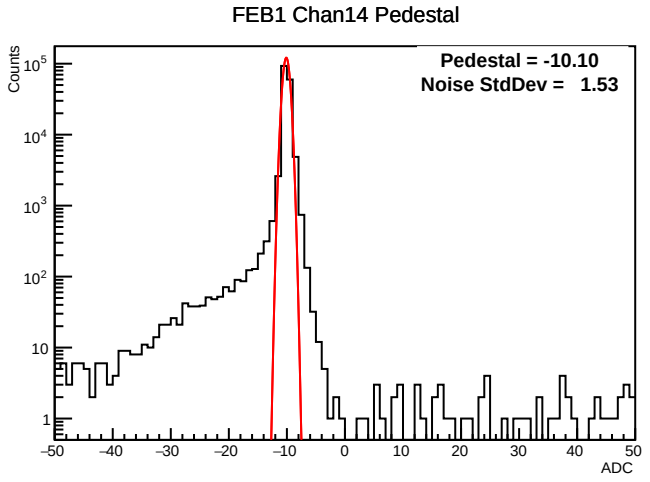

FEB1 Chan13 Pedestal
Pedestal = 0.63
Noise StdDev = 0.80
Counts
ADC

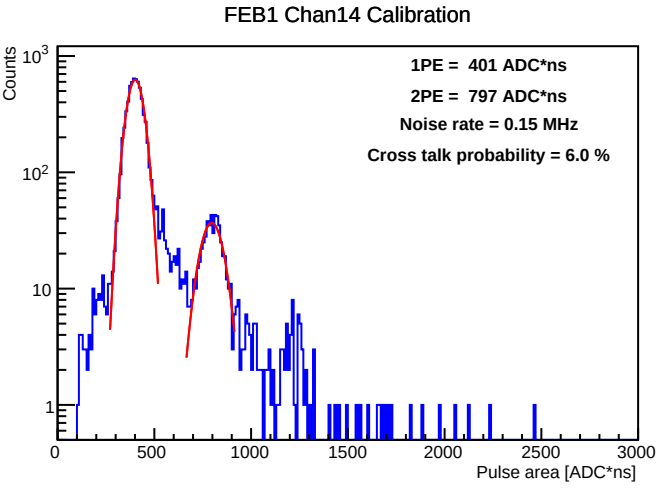

FEB1 Chan13 Calibration
1PE = 407 ADC*ns
2PE = 812 ADC*ns
Noise rate = 0.16 MHz
Cross talk probability = 5.6 %
Counts
Pulse area [ADC*ns]

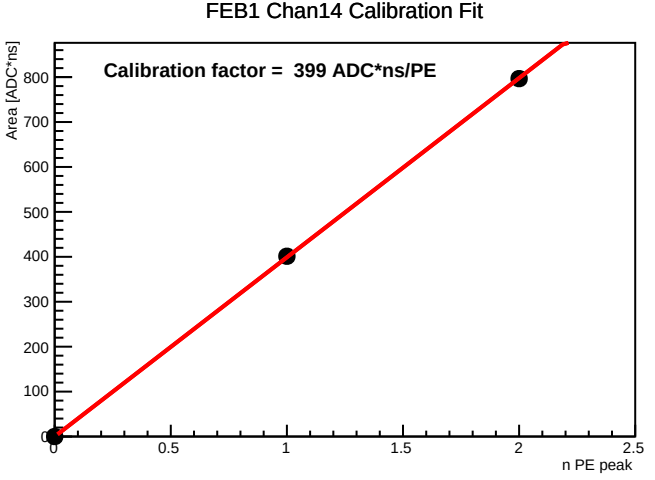

FEB1 Chan13 Calibration Fit
Calibration factor = 406 ADC*ns/PE
Area [ADC*ns]
n PE peak

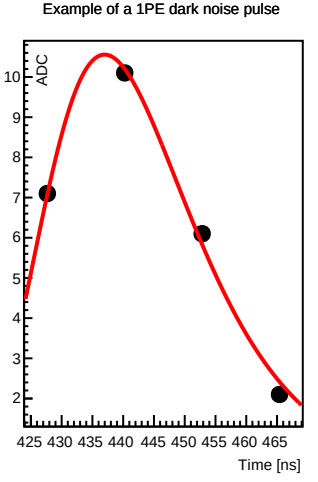

Example of a 1PE dark noise pulse
ADC
Time [ns]

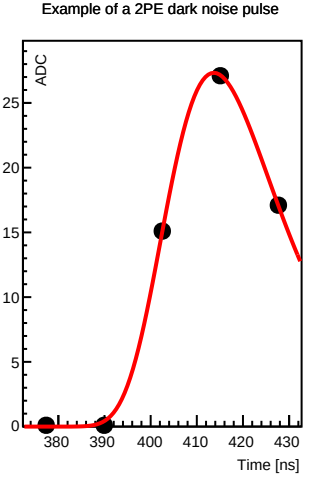

Example of a 2PE dark noise pulse
ADC
Time [ns]

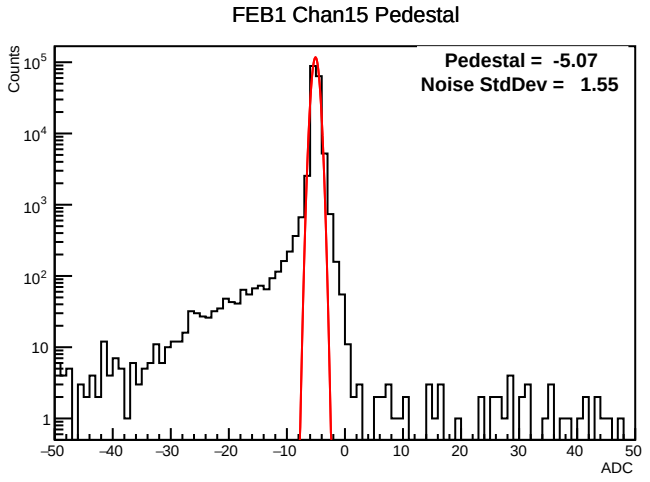

FEB1 Chan14 Pedestal
Pedestal = -10.10
Noise StdDev = 1.53
Counts
ADC

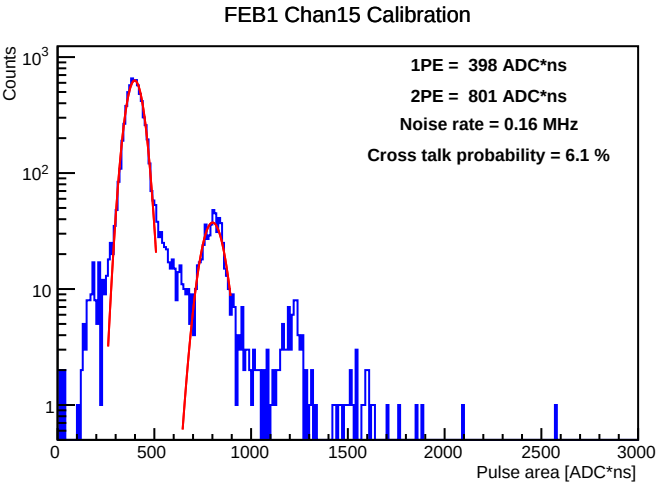

FEB1 Chan14 Calibration
1PE = 401 ADC*ns
2PE = 797 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 6.0 %
Counts
Pulse area [ADC*ns]

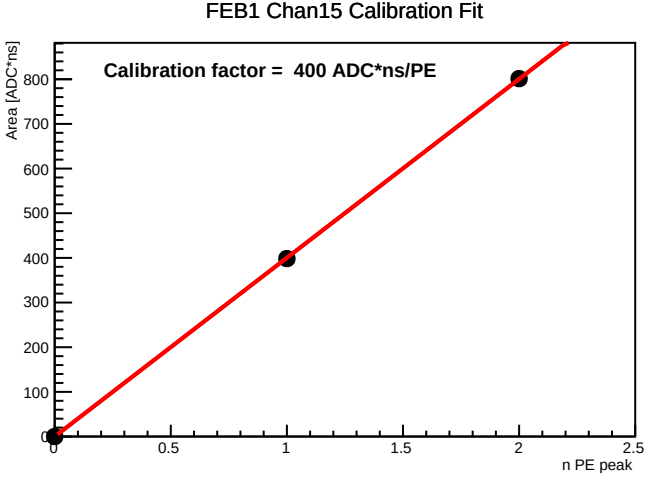

FEB1 Chan14 Calibration Fit
Calibration factor = 399 ADC*ns/PE
Area [ADC*ns]
n PE peak

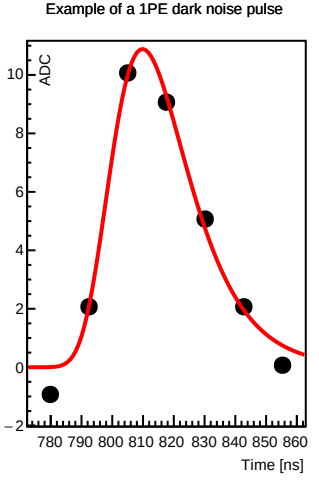

Example of a 1PE dark noise pulse
ADC
Time [ns]

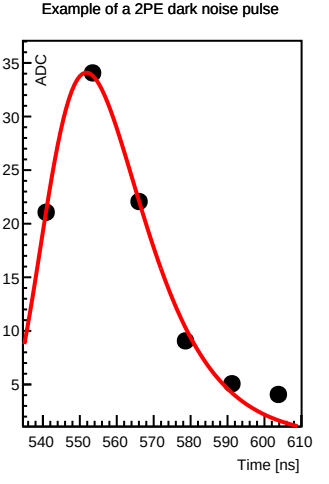

Example of a 2PE dark noise pulse
ADC
Time [ns]

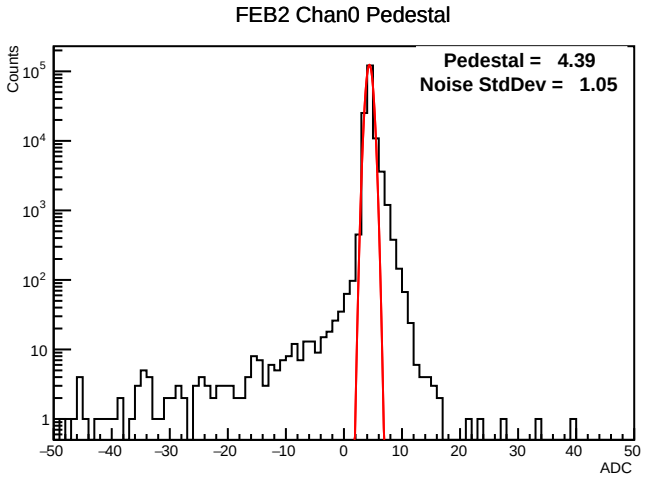

FEB1 Chan15 Pedestal
Pedestal = -5.07
Noise StdDev = 1.55
Counts
ADC

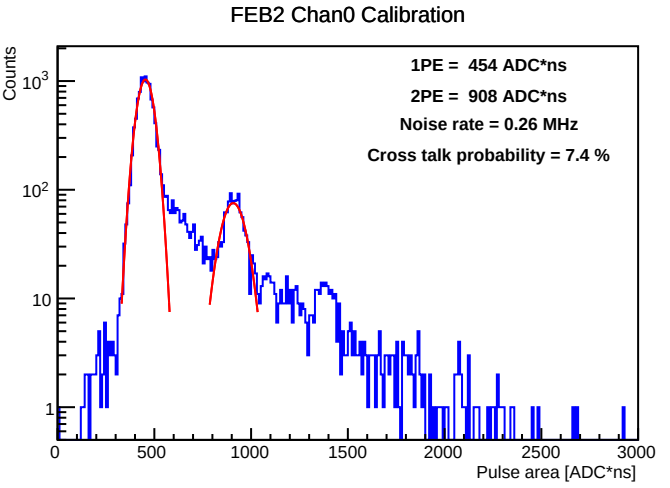

FEB1 Chan15 Calibration
1PE = 398 ADC*ns
2PE = 801 ADC*ns
Noise rate = 0.16 MHz
Cross talk probability = 6.1 %
Counts
Pulse area [ADC*ns]

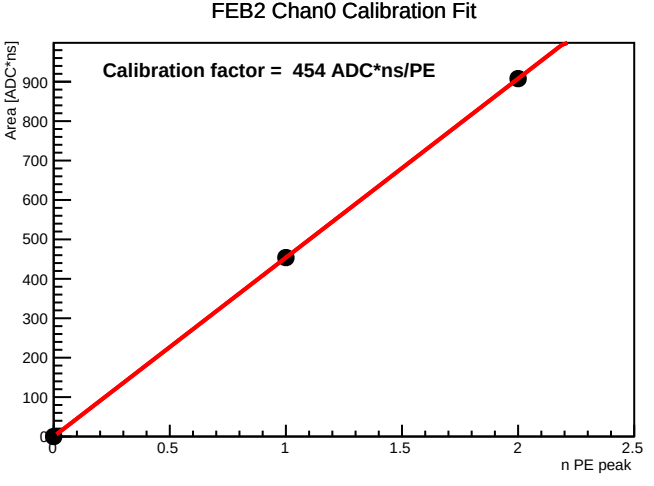

FEB1 Chan15 Calibration Fit
Calibration factor = 400 ADC*ns/PE
Area [ADC*ns]
n PE peak

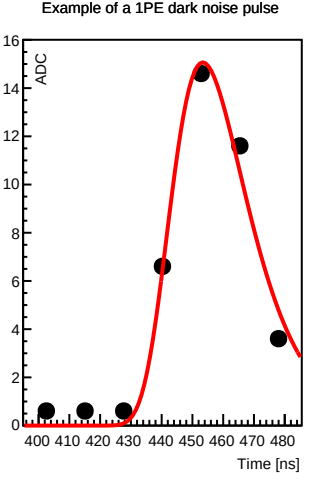

Example of a 1PE dark noise pulse
ADC
Time [ns]

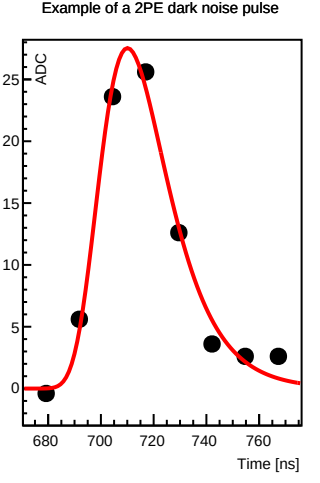

Example of a 2PE dark noise pulse
ADC
Time [ns]

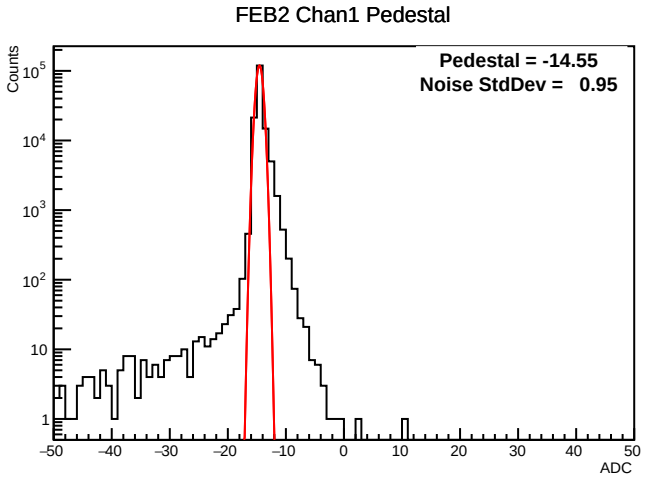

FEB2 Chan0 Pedestal
Pedestal = 4.39
Noise StdDev = 1.05
Counts
ADC

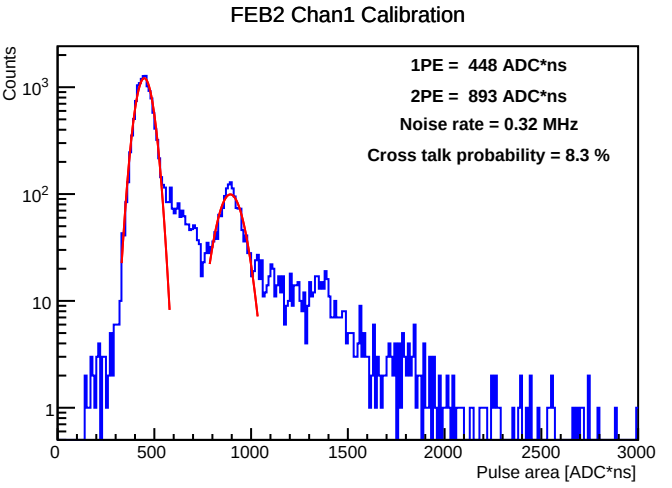

FEB2 Chan0 Calibration
1PE = 454 ADC*ns
2PE = 908 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 7.4 %
Counts
Pulse area [ADC*ns]

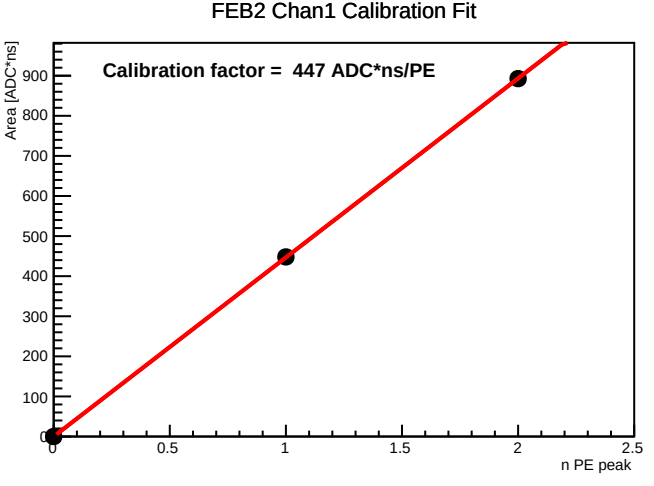

FEB2 Chan0 Calibration Fit
Calibration factor = 454 ADC*ns/PE
Area [ADC*ns]
n PE peak

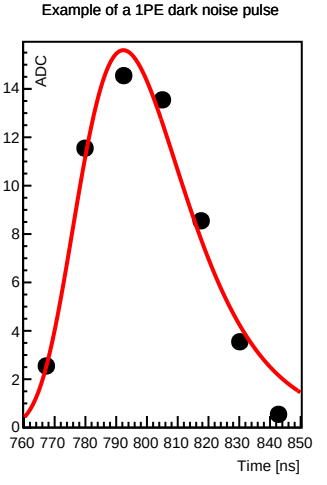

Example of a 1PE dark noise pulse
ADC
Time [ns]

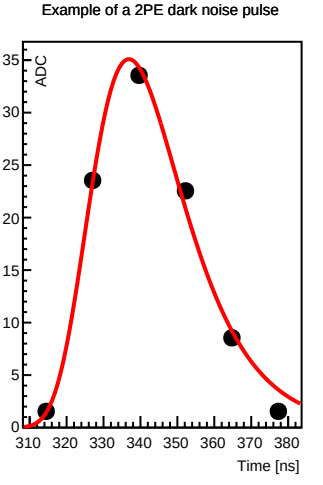

Example of a 2PE dark noise pulse
ADC
Time [ns]

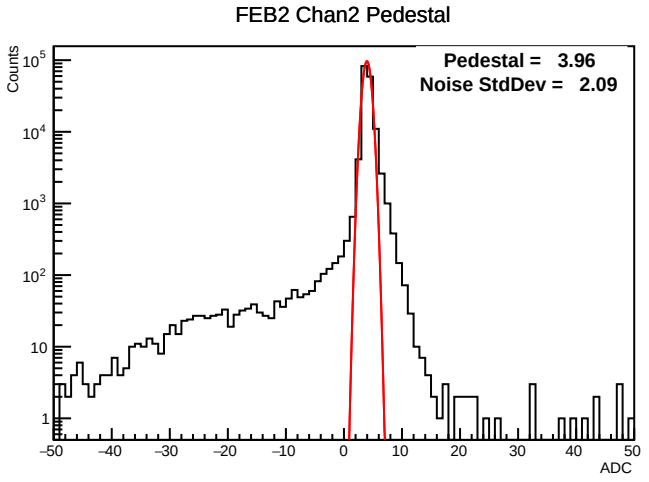

FEB2 Chan1 Pedestal
Pedestal = -14.55
Noise StdDev = 0.95
Counts
ADC

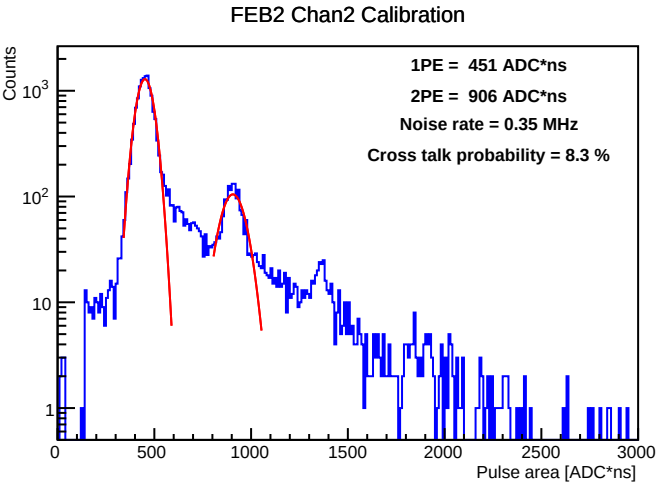

FEB2 Chan1 Calibration
1PE = 448 ADC*ns
2PE = 893 ADC*ns
Noise rate = 0.32 MHz
Cross talk probability = 8.3 %
Counts
Pulse area [ADC*ns]

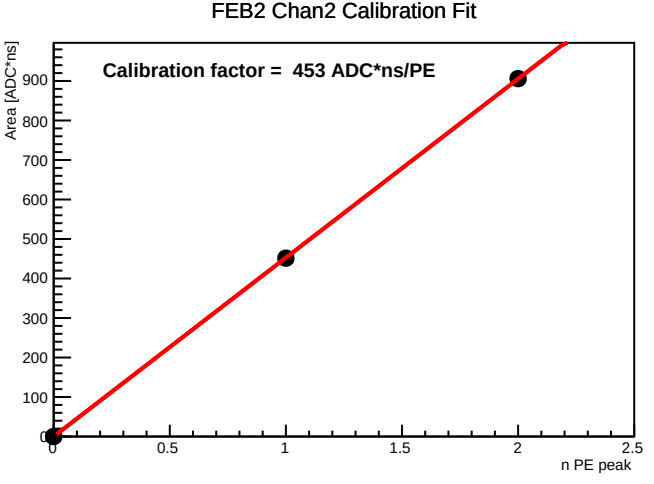

FEB2 Chan1 Calibration Fit
Calibration factor = 447 ADC*ns/PE
Area [ADC*ns]
n PE peak

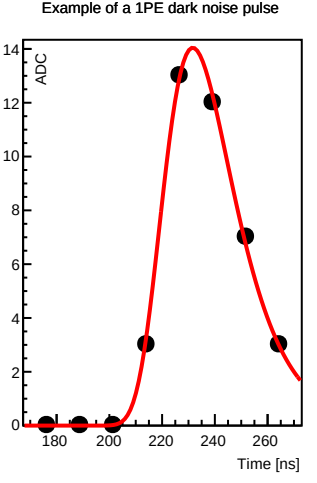

Example of a 1PE dark noise pulse
ADC
Time [ns]

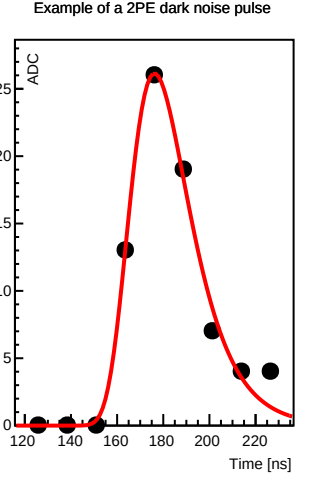

Example of a 2PE dark noise pulse
ADC
Time [ns]

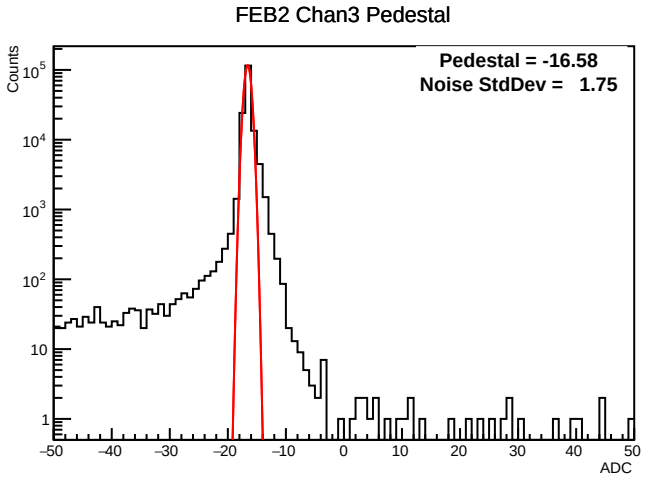

FEB2 Chan2 Pedestal
Pedestal = 3.96
Noise StdDev = 2.09
Counts
ADC

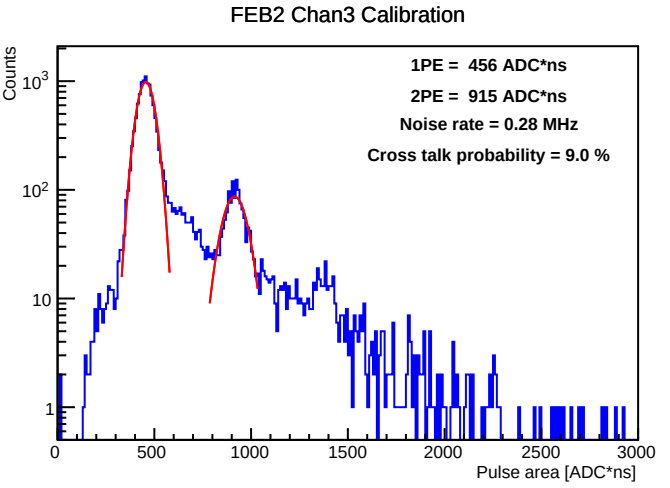

FEB2 Chan2 Calibration
1PE = 451 ADC*ns
2PE = 906 ADC*ns
Noise rate = 0.35 MHz
Cross talk probability = 8.3 %
Counts
Pulse area [ADC*ns]

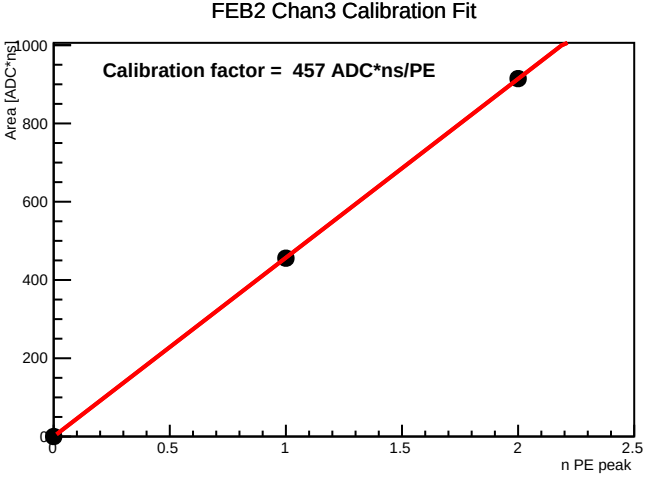

FEB2 Chan2 Calibration Fit
Calibration factor = 453 ADC*ns/PE
Area [ADC*ns]
n PE peak

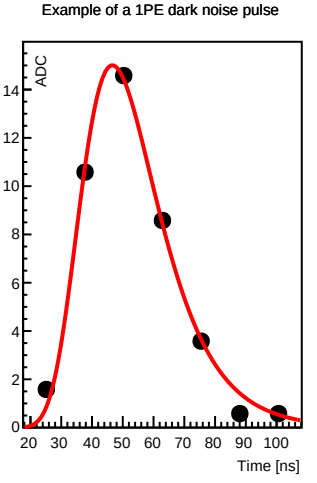

Example of a 1PE dark noise pulse
ADC
Time [ns]

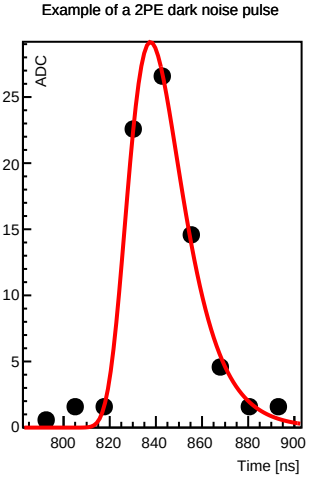

Example of a 2PE dark noise pulse
ADC
Time [ns]

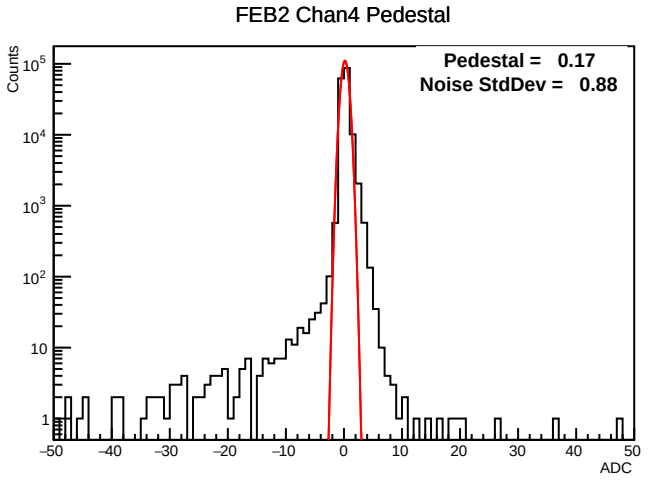

FEB2 Chan3 Pedestal
Pedestal = -16.58
Noise StdDev = 1.75
Counts
ADC

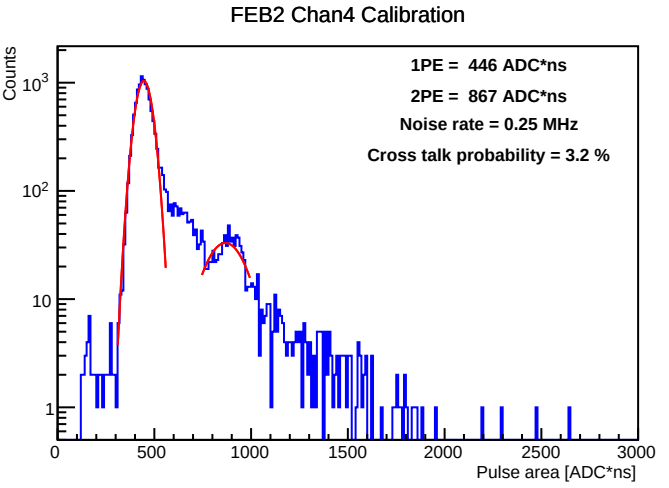

FEB2 Chan3 Calibration
1PE = 456 ADC*ns
2PE = 915 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 9.0 %
Counts
Pulse area [ADC*ns]

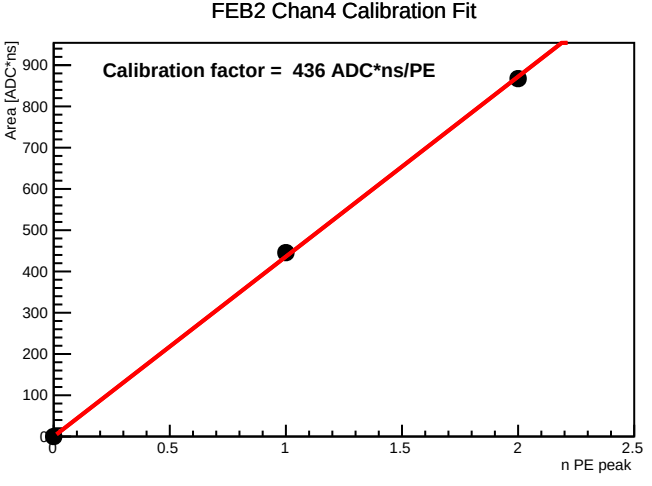

FEB2 Chan3 Calibration Fit
Calibration factor = 457 ADC*ns/PE
Area [ADC*ns]
n PE peak

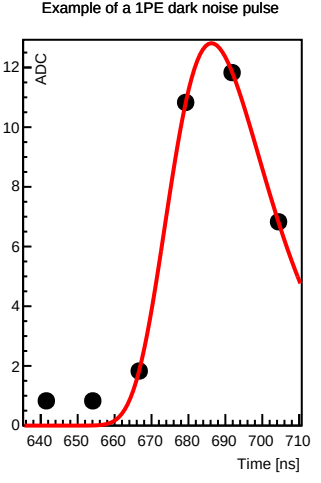

Example of a 1PE dark noise pulse
ADC
Time [ns]

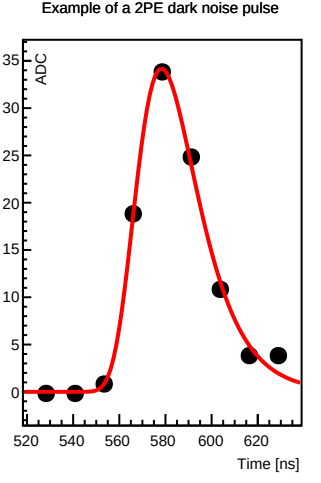

Example of a 2PE dark noise pulse
ADC
Time [ns]

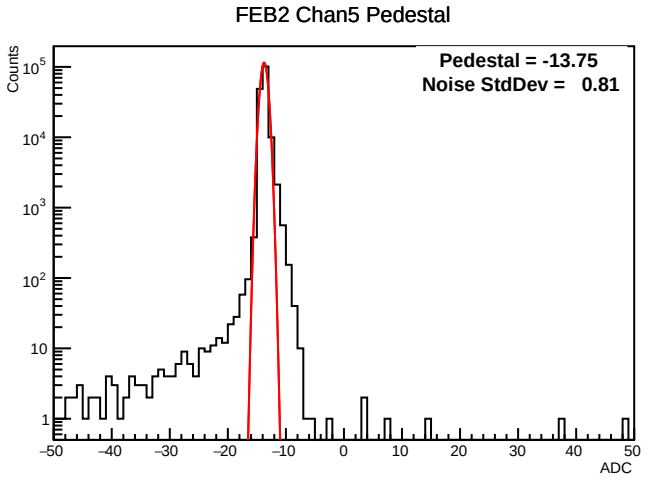

FEB2 Chan4 Pedestal
Pedestal = 0.17
Noise StdDev = 0.88
Counts
ADC

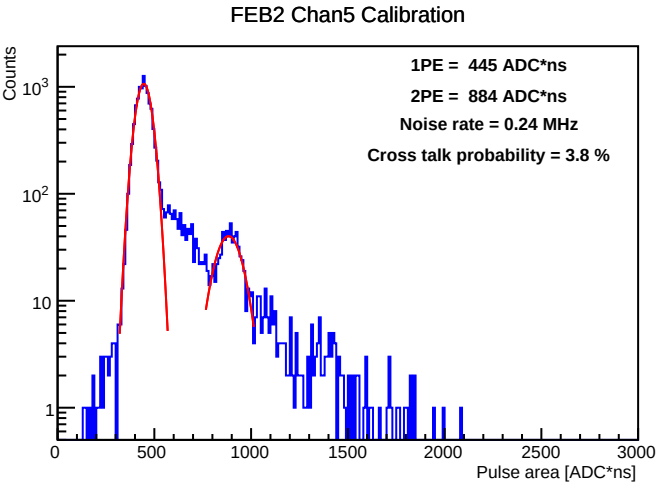

FEB2 Chan4 Calibration
1PE = 446 ADC*ns
2PE = 867 ADC*ns
Noise rate = 0.25 MHz
Cross talk probability = 3.2 %
Counts
Pulse area [ADC*ns]

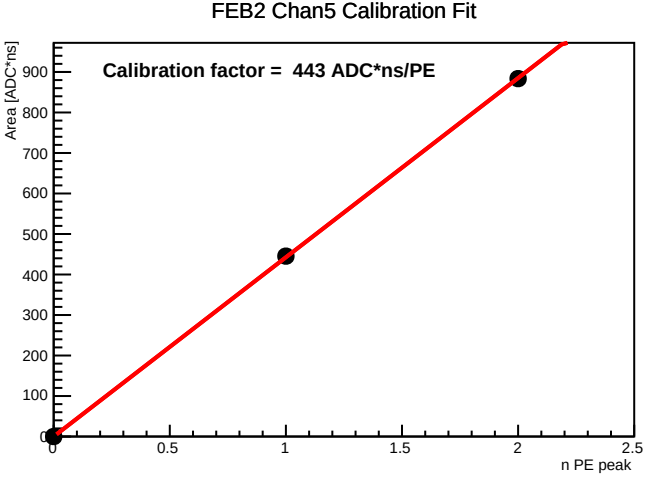

FEB2 Chan4 Calibration Fit
Calibration factor = 436 ADC*ns/PE
Area [ADC*ns]
n PE peak

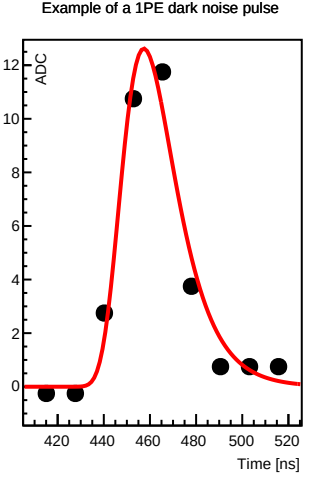

Example of a 1PE dark noise pulse
ADC
Time [ns]

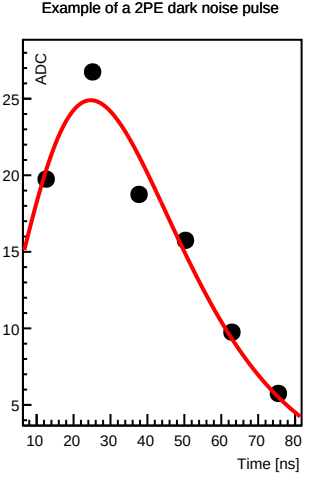

Example of a 2PE dark noise pulse
ADC
Time [ns]

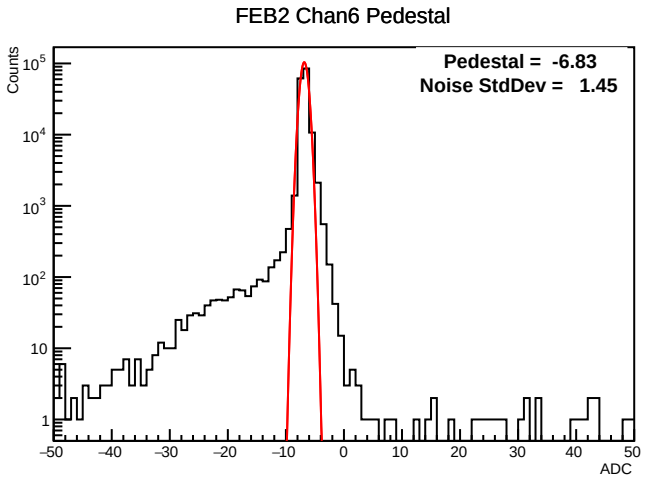

FEB2 Chan5 Pedestal
Pedestal = -13.75
Noise StdDev = 0.81
Counts
ADC

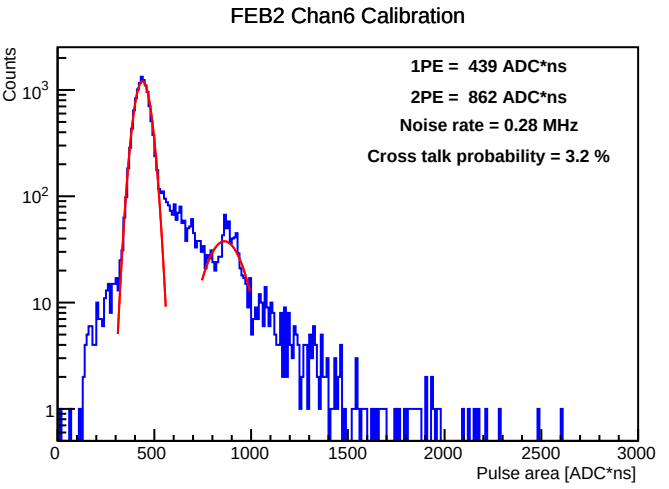

FEB2 Chan5 Calibration
1PE = 445 ADC*ns
2PE = 884 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 3.8 %
Counts
Pulse area [ADC*ns]

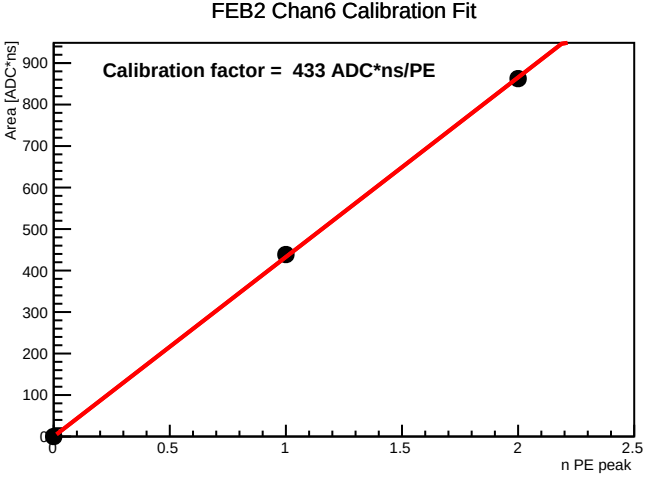

FEB2 Chan5 Calibration Fit
Calibration factor = 443 ADC*ns/PE
Area [ADC*ns]
n PE peak

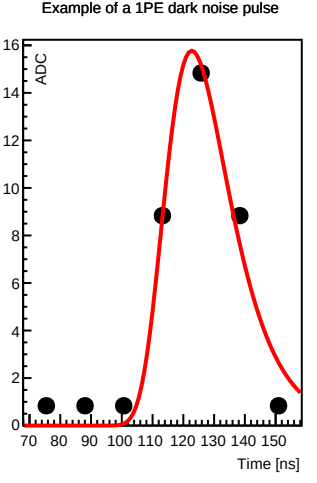

Example of a 1PE dark noise pulse
ADC
Time [ns]

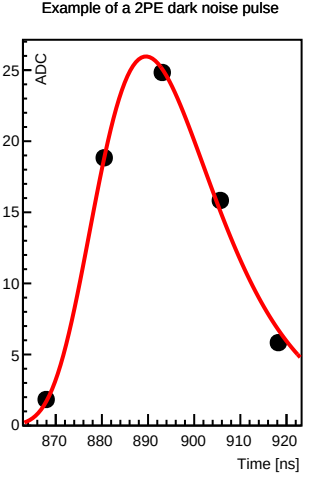

Example of a 2PE dark noise pulse
ADC
Time [ns]

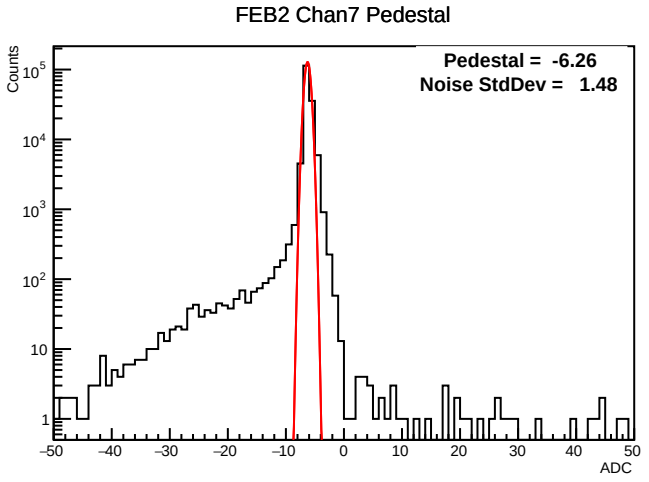

FEB2 Chan6 Pedestal
Pedestal = -6.83
Noise StdDev = 1.45
Counts
ADC

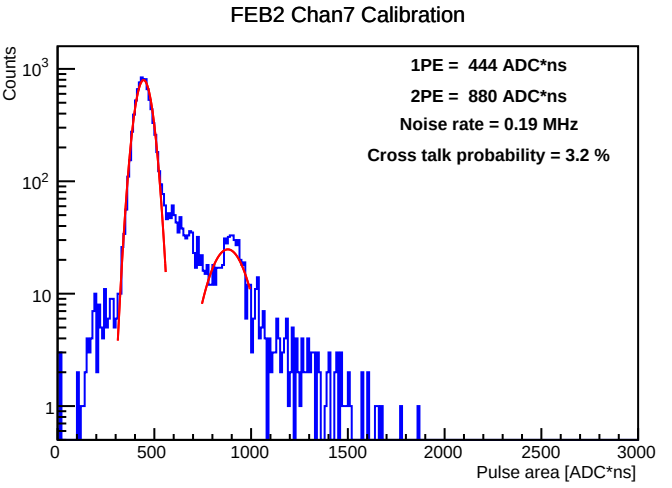

FEB2 Chan6 Calibration
1PE = 439 ADC*ns
2PE = 862 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 3.2 %
Counts
Pulse area [ADC*ns]

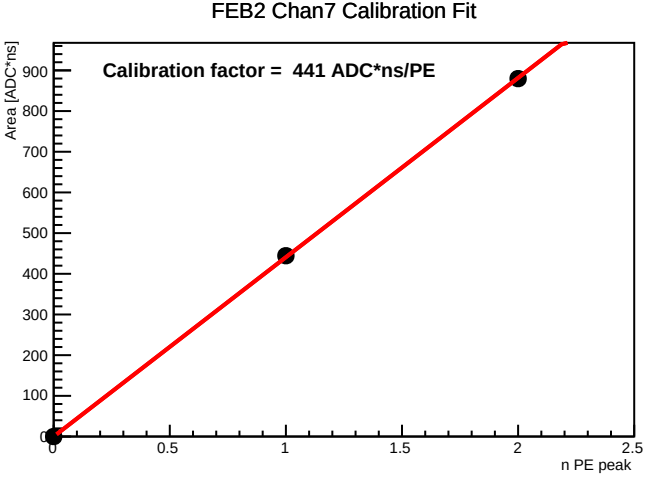

FEB2 Chan6 Calibration Fit
Calibration factor = 433 ADC*ns/PE
Area [ADC*ns]
n PE peak

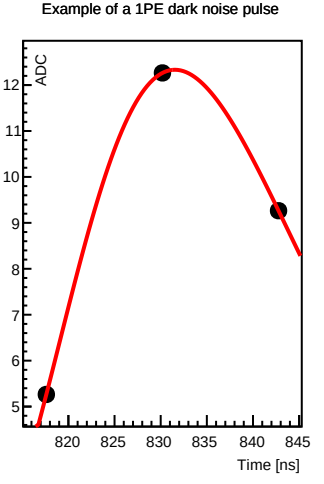

Example of a 1PE dark noise pulse
ADC
Time [ns]

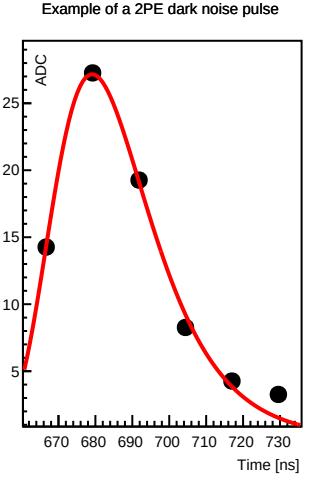

Example of a 2PE dark noise pulse
ADC
Time [ns]

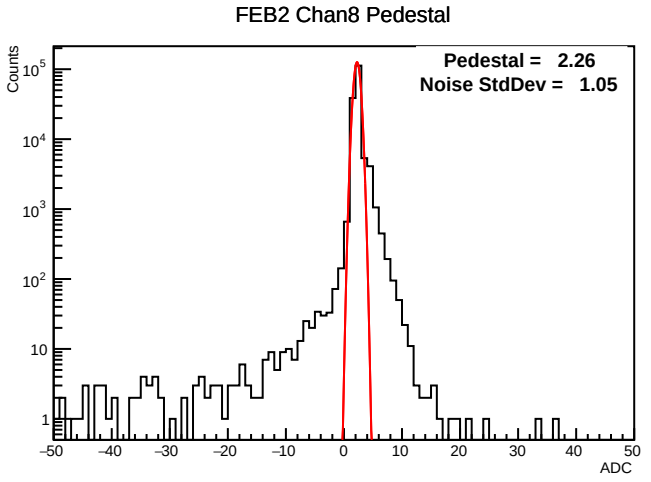

FEB2 Chan7 Pedestal
Pedestal = -6.26
Noise StdDev = 1.48
Counts
ADC

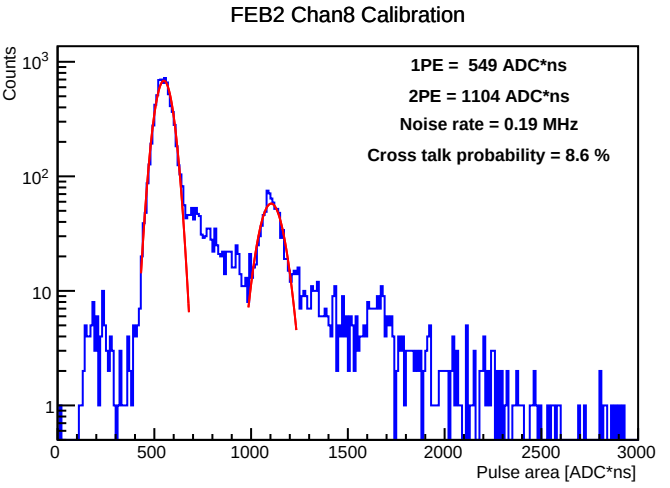

FEB2 Chan7 Calibration
1PE = 444 ADC*ns
2PE = 880 ADC*ns
Noise rate = 0.19 MHz
Cross talk probability = 3.2 %
Counts
Pulse area [ADC*ns]

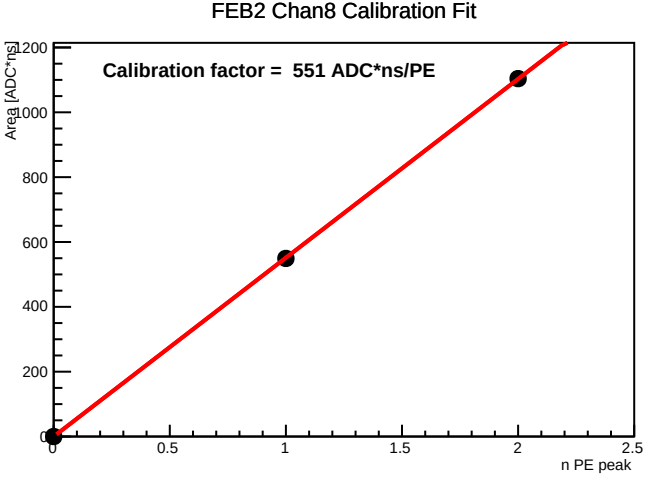

FEB2 Chan7 Calibration Fit
Calibration factor = 441 ADC*ns/PE
Area [ADC*ns]
n PE peak

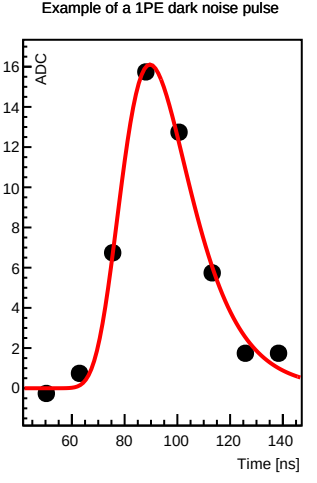

Example of a 1PE dark noise pulse
ADC
Time [ns]

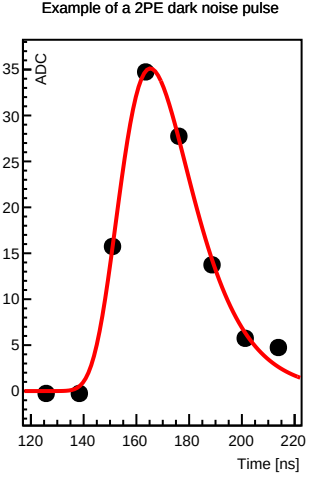

Example of a 2PE dark noise pulse
ADC
Time [ns]

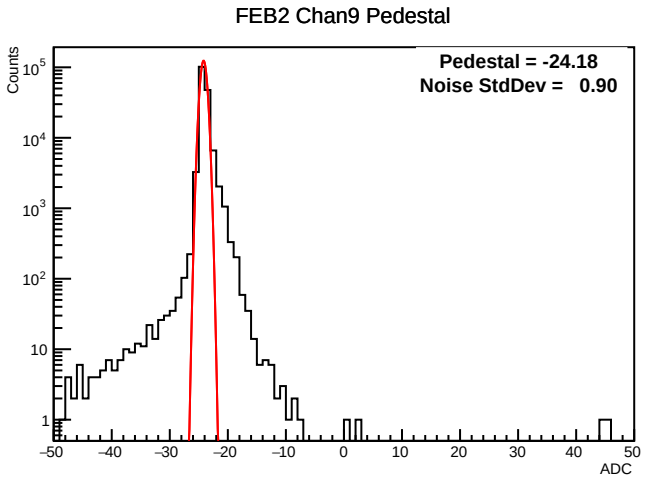

FEB2 Chan8 Pedestal
Pedestal = 2.26
Noise StdDev = 1.05
Counts
ADC

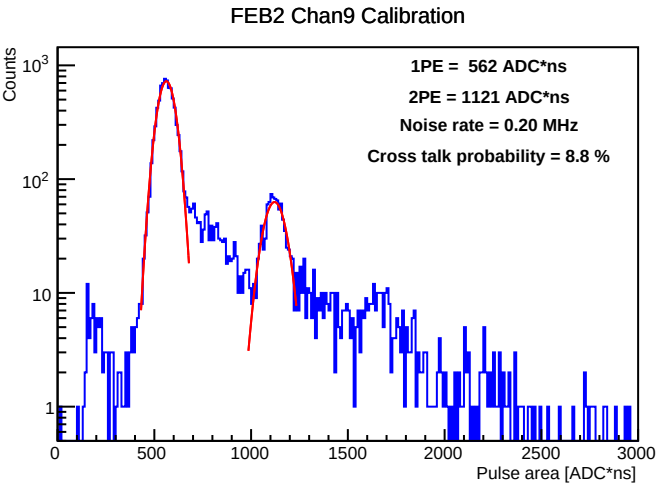

FEB2 Chan8 Calibration
1PE = 549 ADC*ns
2PE = 1104 ADC*ns
Noise rate = 0.19 MHz
Cross talk probability = 8.6 %
Counts
Pulse area [ADC*ns]

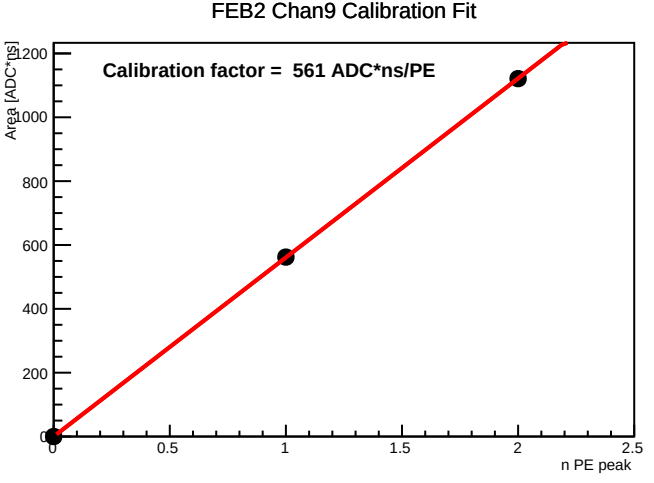

FEB2 Chan8 Calibration Fit
Calibration factor = 551 ADC*ns/PE
Area [ADC*ns]
n PE peak

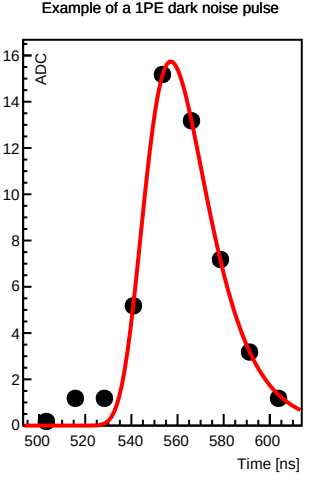

Example of a 1PE dark noise pulse
ADC
Time [ns]

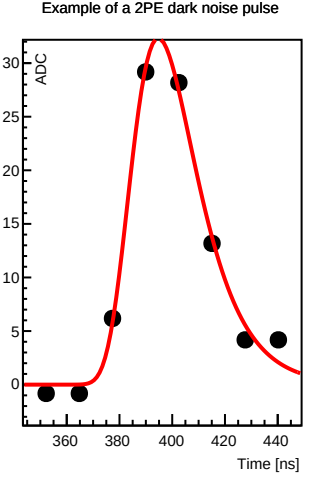

Example of a 2PE dark noise pulse
ADC
Time [ns]

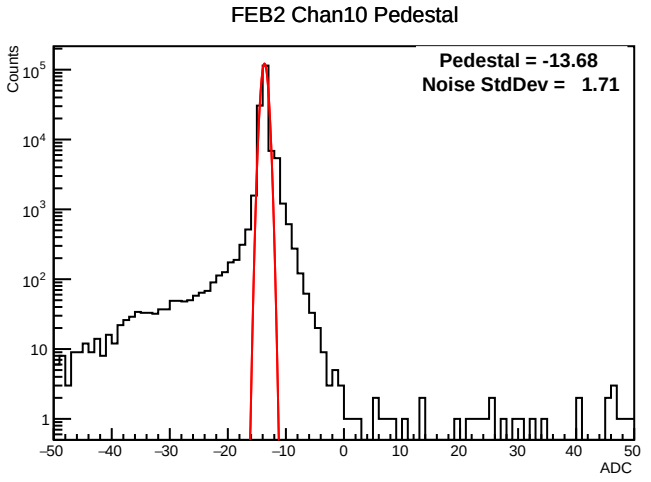

FEB2 Chan9 Pedestal
Pedestal = -24.18
Noise StdDev = 0.90
Counts
ADC

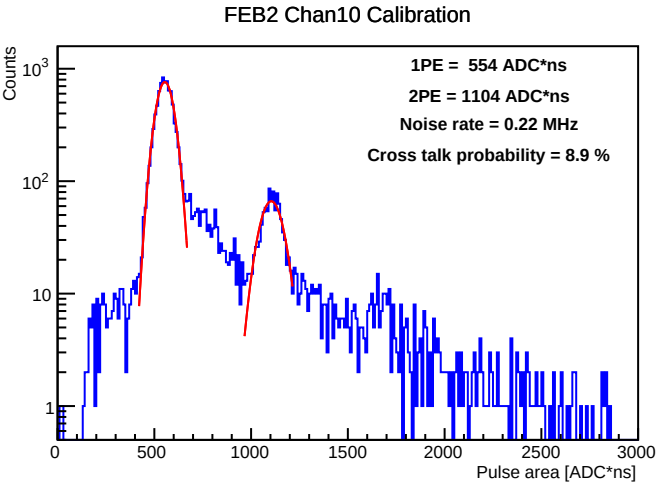

FEB2 Chan9 Calibration
1PE = 562 ADC*ns
2PE = 1121 ADC*ns
Noise rate = 0.20 MHz
Cross talk probability = 8.8 %
Counts
Pulse area [ADC*ns]

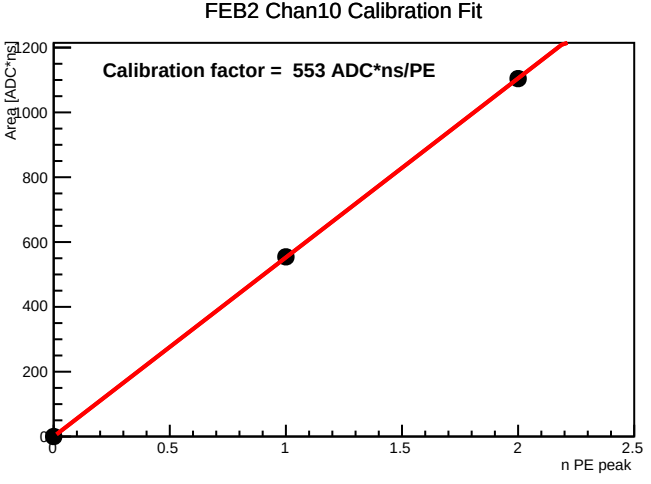

FEB2 Chan9 Calibration Fit
Calibration factor = 561 ADC*ns/PE
Area [ADC*ns]
n PE peak

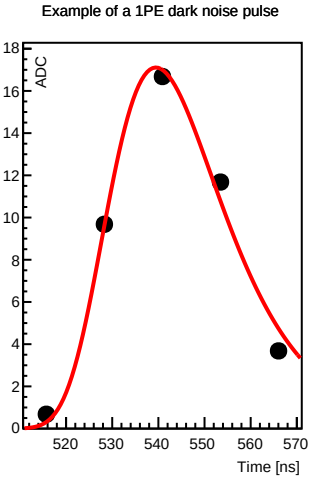

Example of a 1PE dark noise pulse
ADC
Time [ns]

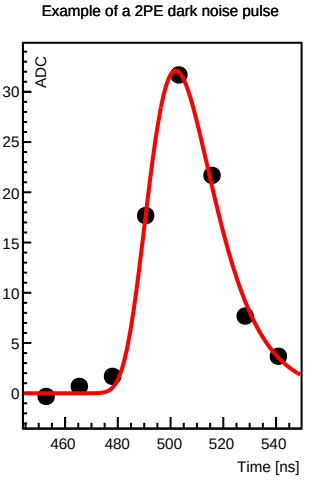

Example of a 2PE dark noise pulse
ADC
Time [ns]

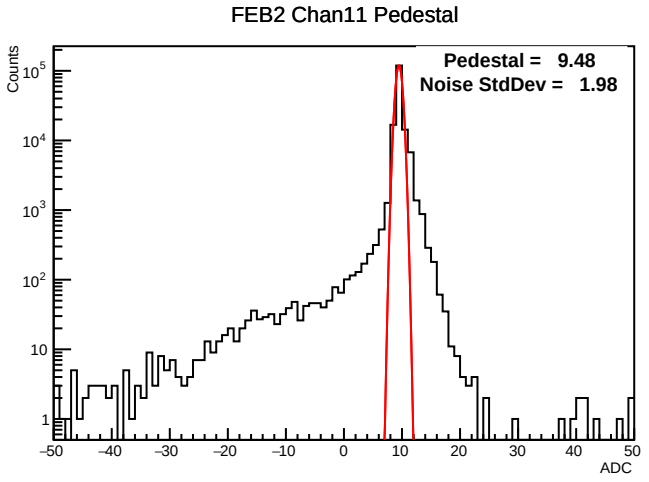

FEB2 Chan10 Pedestal
Pedestal = -13.68
Noise StdDev = 1.71
Counts
ADC

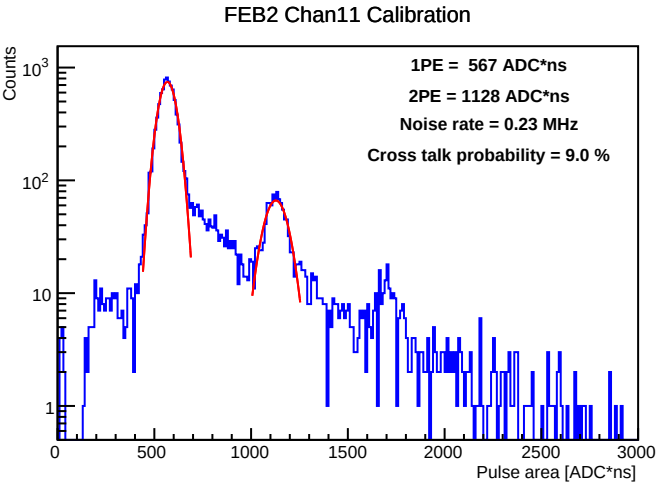

FEB2 Chan10 Calibration
1PE = 554 ADC*ns
2PE = 1104 ADC*ns
Noise rate = 0.22 MHz
Cross talk probability = 8.9 %
Counts
Pulse area [ADC*ns]

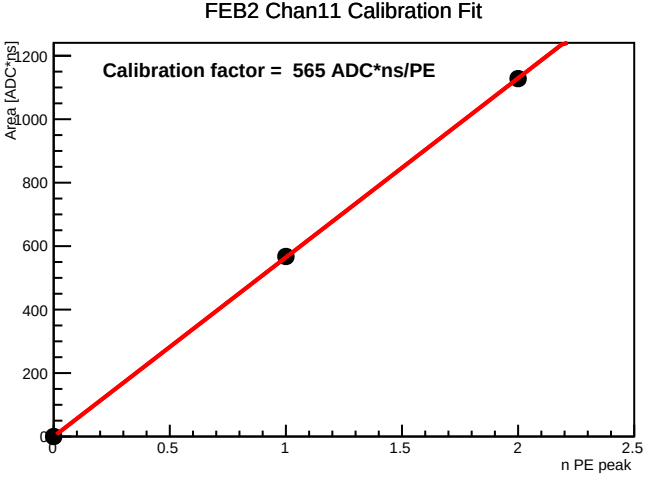

FEB2 Chan10 Calibration Fit
Calibration factor = 553 ADC*ns/PE
Area [ADC*ns]
n PE peak

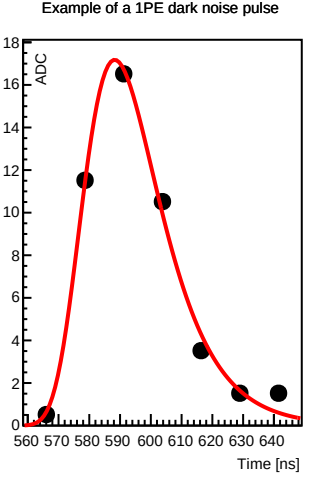

Example of a 1PE dark noise pulse
ADC
Time [ns]

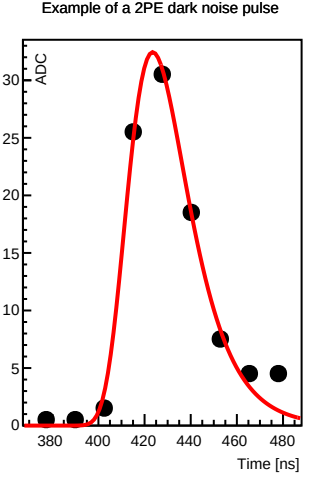

Example of a 2PE dark noise pulse
ADC
Time [ns]

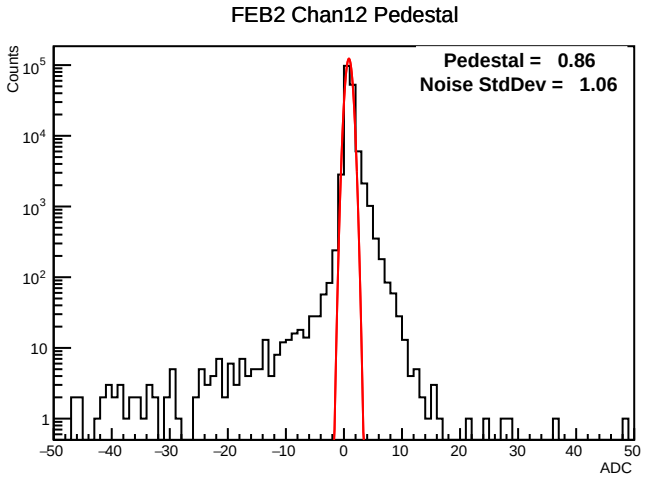

FEB2 Chan11 Pedestal
Pedestal = 9.48
Noise StdDev = 1.98
Counts
ADC

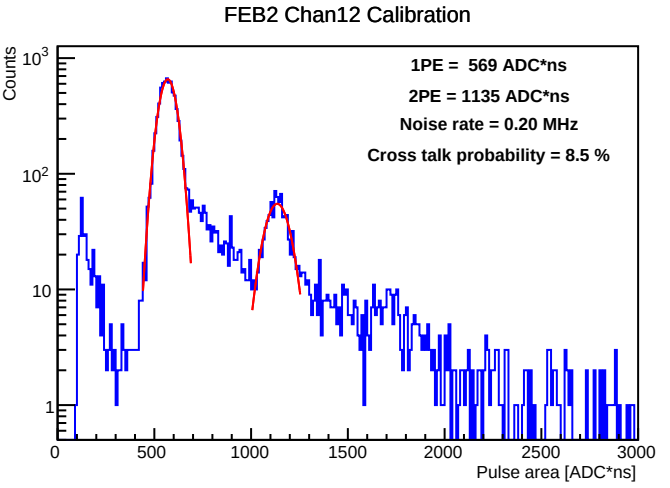

FEB2 Chan11 Calibration
1PE = 567 ADC*ns
2PE = 1128 ADC*ns
Noise rate = 0.23 MHz
Cross talk probability = 9.0 %
Counts
Pulse area [ADC*ns]

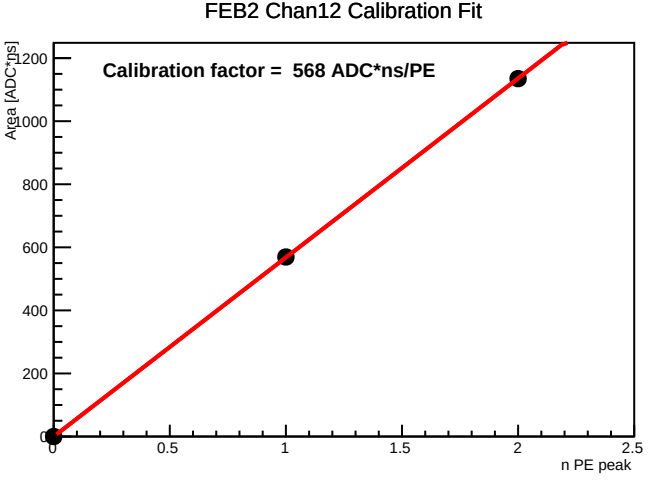

FEB2 Chan11 Calibration Fit
Calibration factor = 565 ADC*ns/PE
Area [ADC*ns]
n PE peak

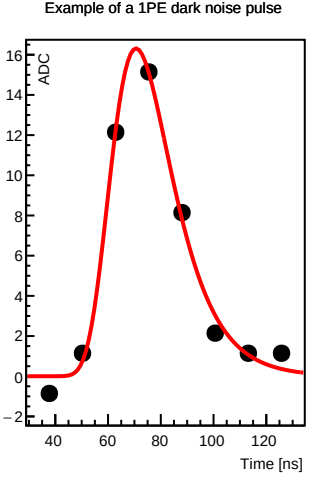

Example of a 1PE dark noise pulse
ADC
Time [ns]

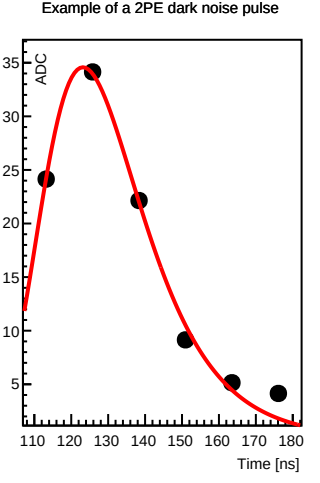

Example of a 2PE dark noise pulse
ADC
Time [ns]

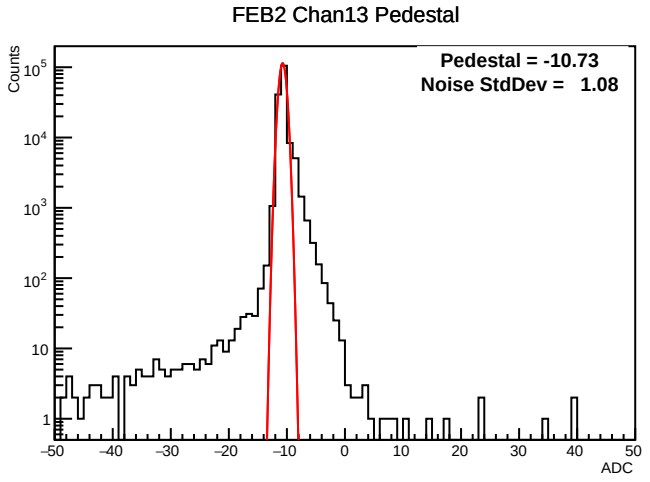

FEB2 Chan12 Pedestal
Pedestal = 0.86
Noise StdDev = 1.06
Counts
ADC

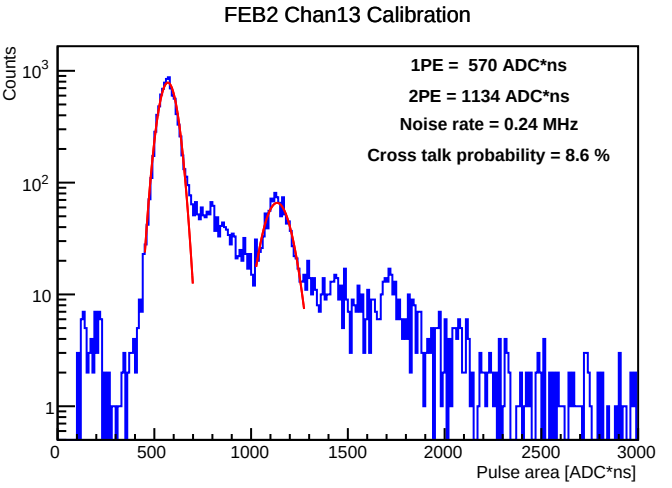

FEB2 Chan12 Calibration
1PE = 569 ADC*ns
2PE = 1135 ADC*ns
Noise rate = 0.20 MHz
Cross talk probability = 8.5 %
Counts
Pulse area [ADC*ns]

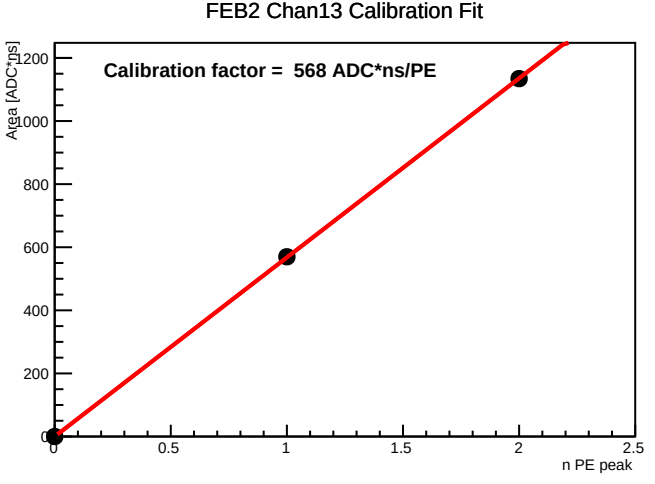

FEB2 Chan12 Calibration Fit
Calibration factor = 568 ADC*ns/PE
Area [ADC*ns]
n PE peak

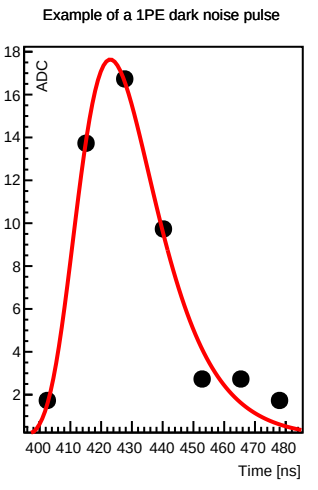

Example of a 1PE dark noise pulse
ADC
Time [ns]

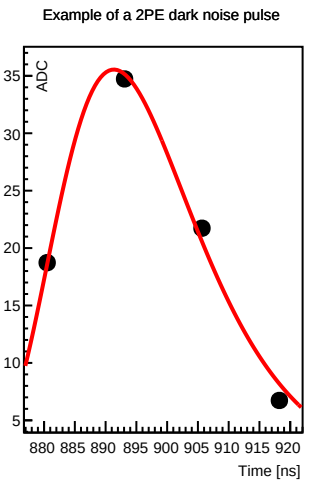

Example of a 2PE dark noise pulse
ADC
Time [ns]

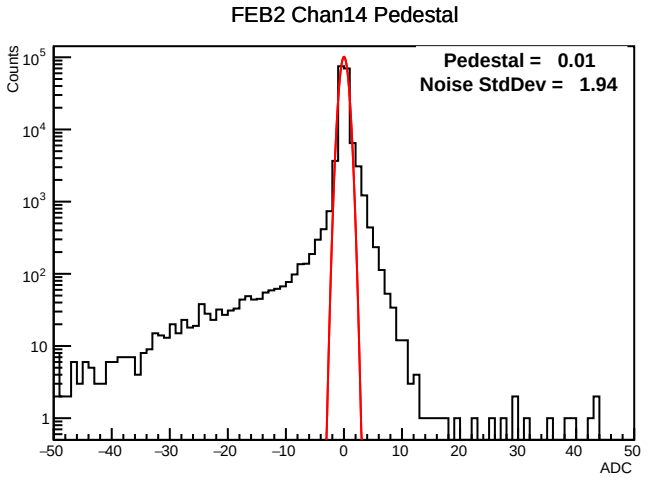

FEB2 Chan13 Pedestal
Pedestal = -10.73
Noise StdDev = 1.08
Counts
ADC

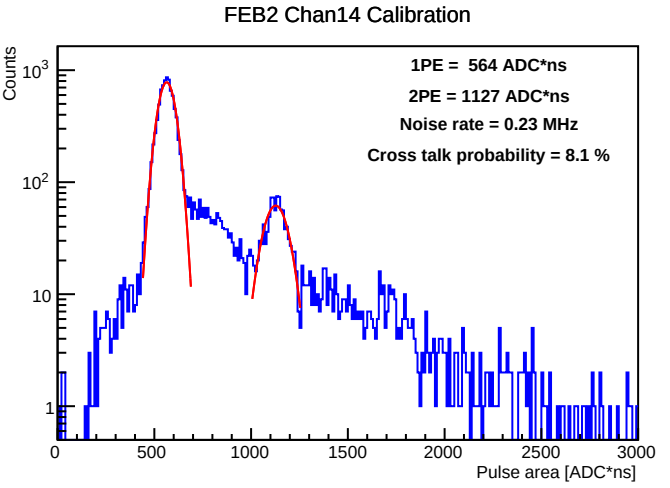

FEB2 Chan13 Calibration
1PE = 570 ADC*ns
2PE = 1134 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 8.6 %
Counts
Pulse area [ADC*ns]

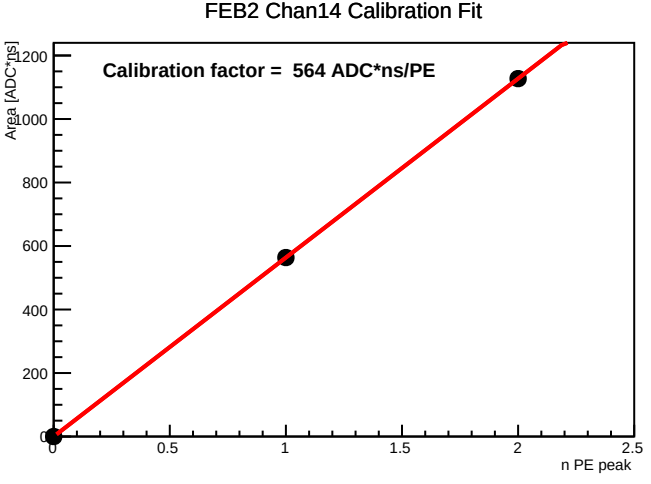

FEB2 Chan13 Calibration Fit
Calibration factor = 568 ADC*ns/PE
Area [ADC*ns]
n PE peak

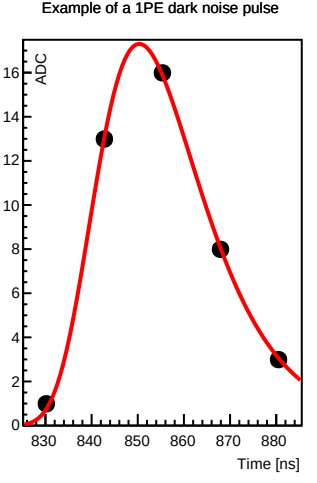

Example of a 1PE dark noise pulse
ADC
Time [ns]

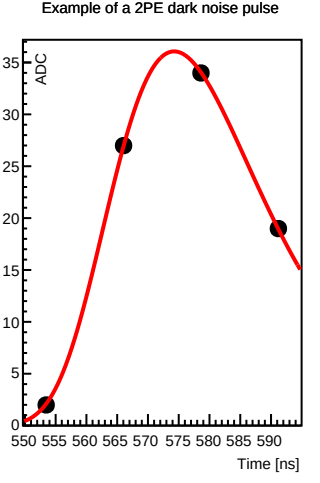

Example of a 2PE dark noise pulse
ADC
Time [ns]

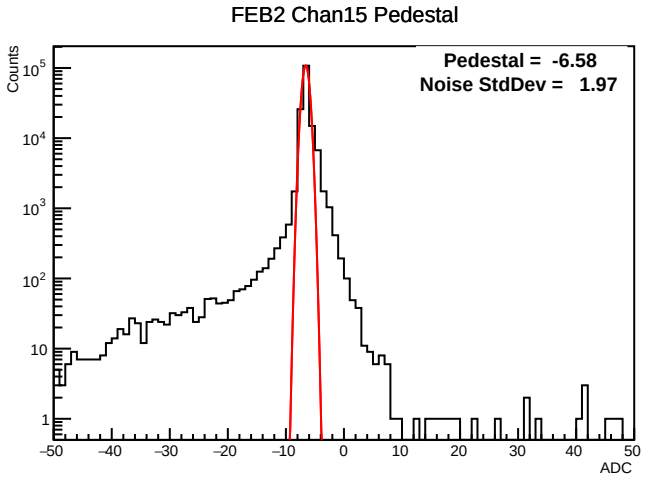

FEB2 Chan14 Pedestal
Pedestal = 0.01
Noise StdDev = 1.94
Counts
ADC

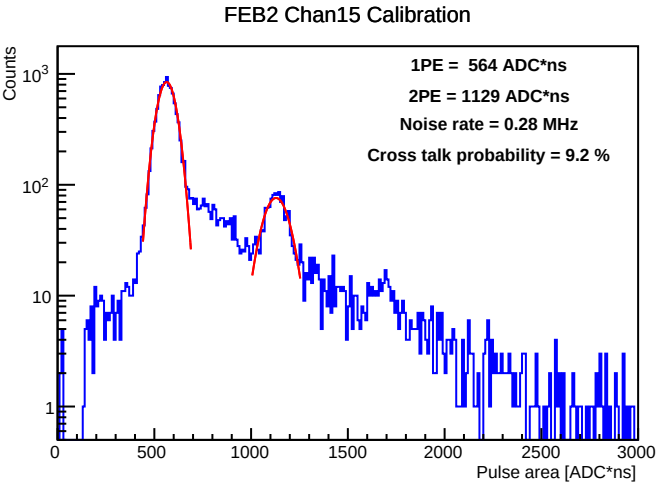

FEB2 Chan14 Calibration
1PE = 564 ADC*ns
2PE = 1127 ADC*ns
Noise rate = 0.23 MHz
Cross talk probability = 8.1 %
Counts
Pulse area [ADC*ns]

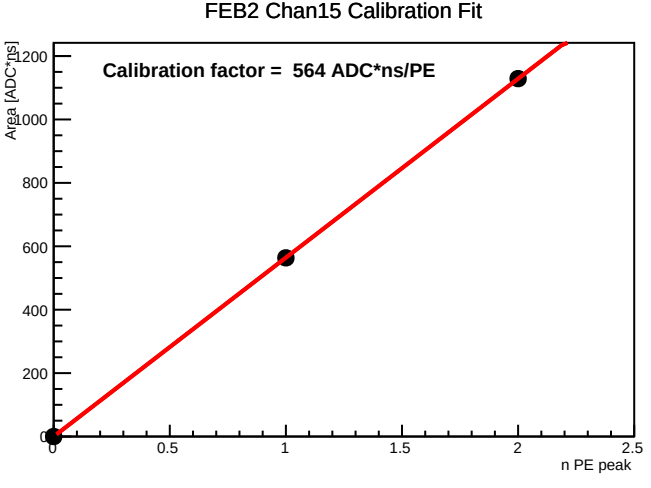

FEB2 Chan14 Calibration Fit
Calibration factor = 564 ADC*ns/PE
Area [ADC*ns]
n PE peak

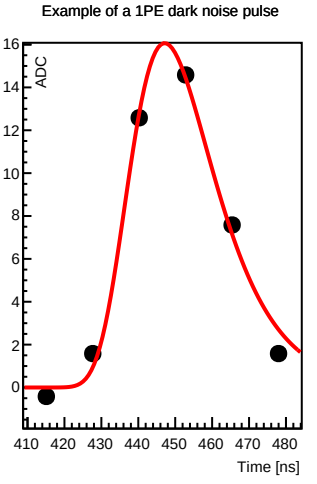

Example of a 1PE dark noise pulse
ADC
Time [ns]

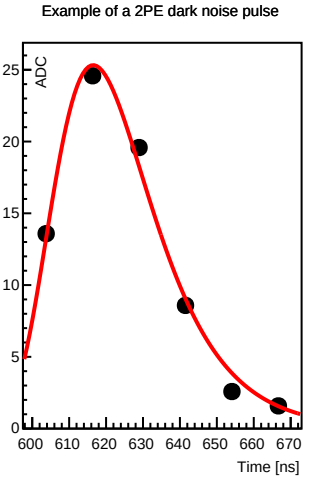

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB2 Chan15 Pedestal
Pedestal = -6.58
Noise StdDev = 1.97
Counts
ADC


FEB2 Chan15 Calibration
1PE = 564 ADC*ns
2PE = 1129 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 9.2 %
Counts
Pulse area [ADC*ns]


FEB2 Chan15 Calibration Fit
Calibration factor = 564 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]