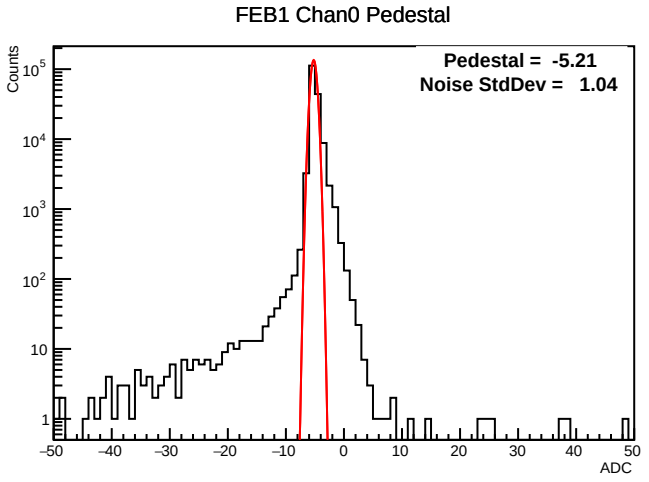
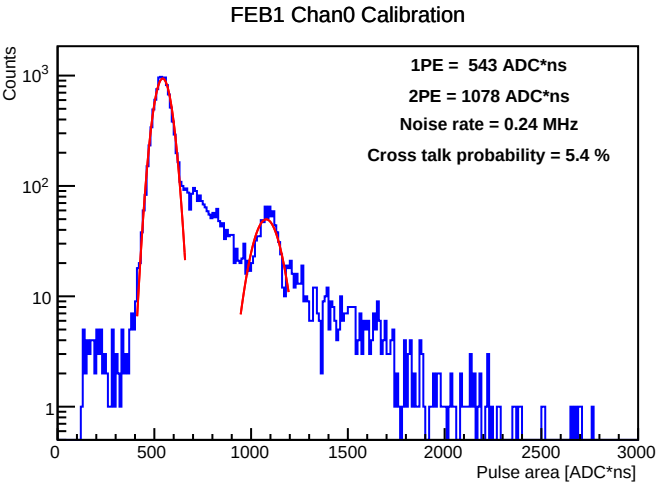
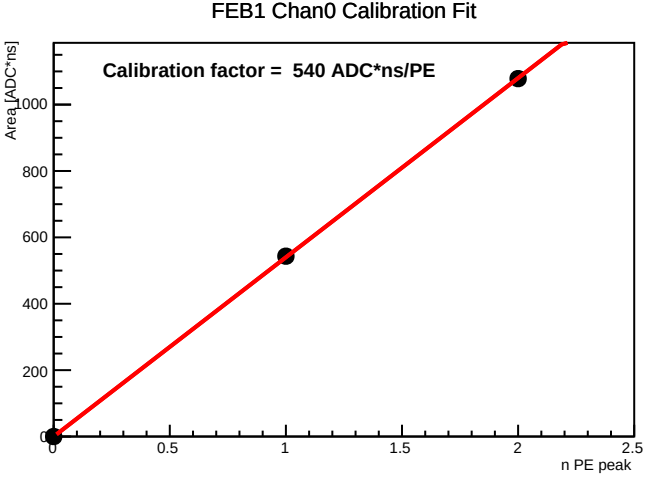
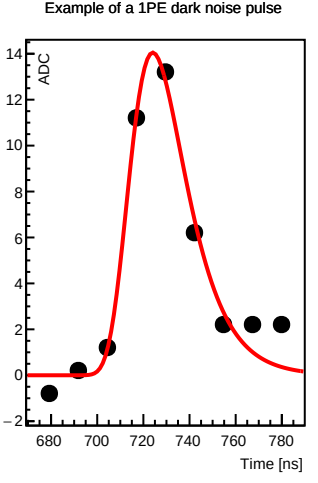
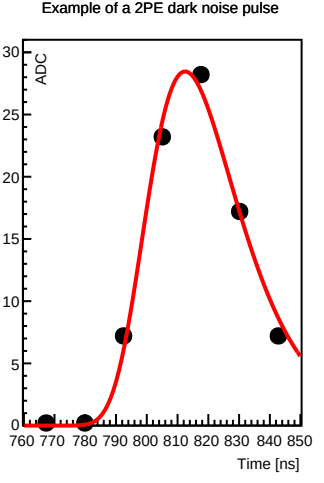
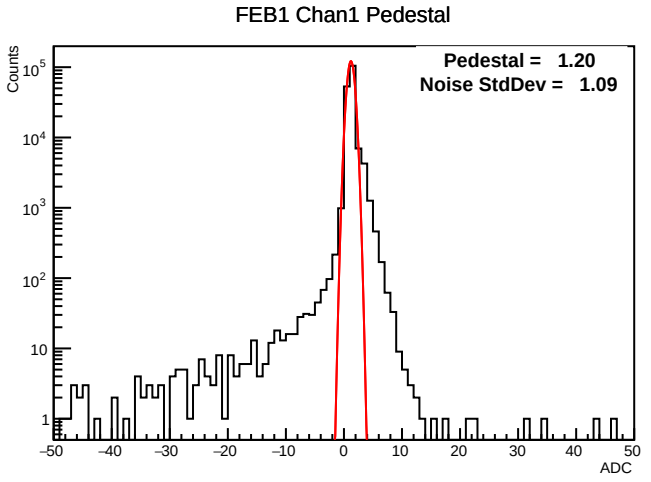

FEB1 Chan0 Pedestal
Pedestal = -5.21
Noise StdDev = 1.04
Counts
ADC

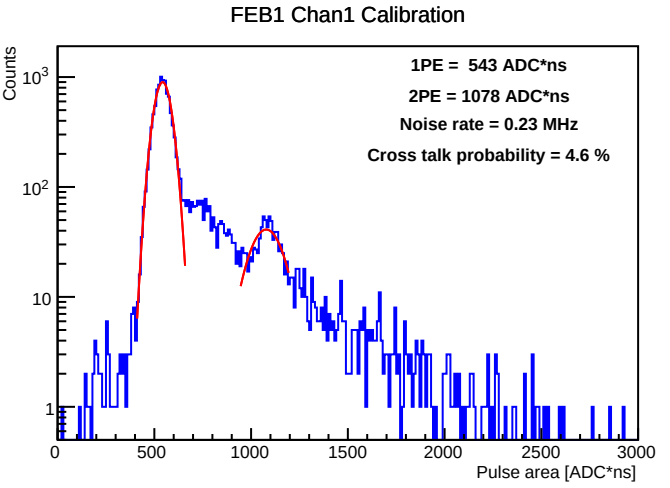

FEB1 Chan0 Calibration
1PE = 543 ADC*ns
2PE = 1078 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 5.4 %
Counts
Pulse area [ADC*ns]

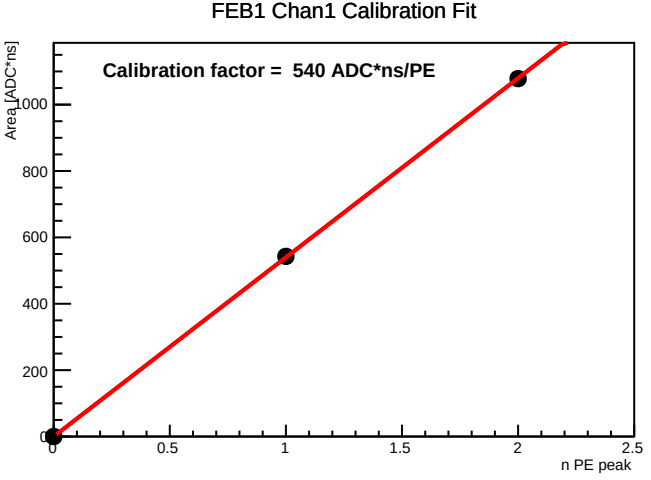

FEB1 Chan0 Calibration Fit
Calibration factor = 540 ADC*ns/PE
Area [ADC*ns]
n PE peak

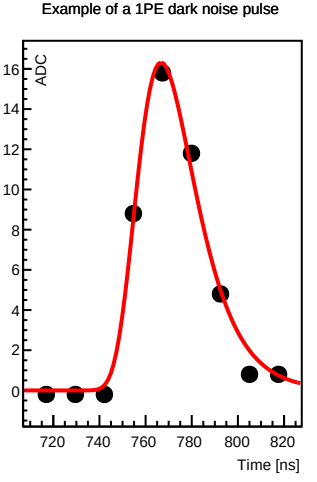

Example of a 1PE dark noise pulse
ADC
Time [ns]

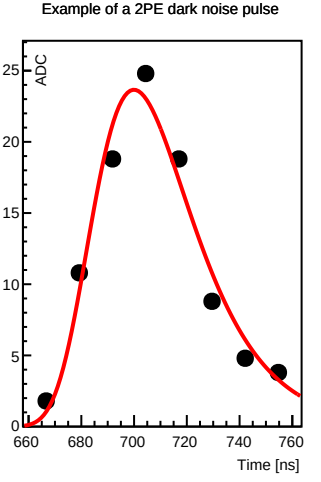

Example of a 2PE dark noise pulse
ADC
Time [ns]

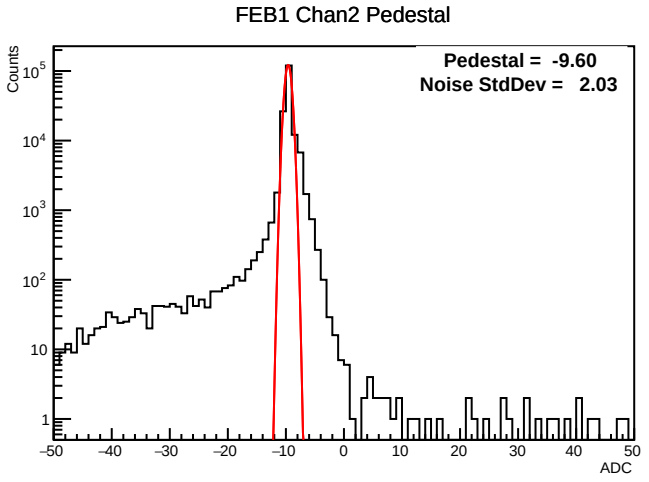

FEB1 Chan1 Pedestal
Pedestal = 1.20
Noise StdDev = 1.09
Counts
ADC

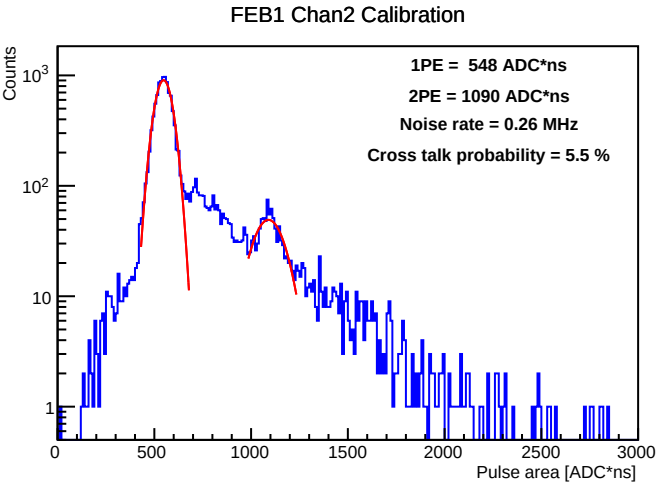

FEB1 Chan1 Calibration
1PE = 543 ADC*ns
2PE = 1078 ADC*ns
Noise rate = 0.23 MHz
Cross talk probability = 4.6 %
Counts
Pulse area [ADC*ns]

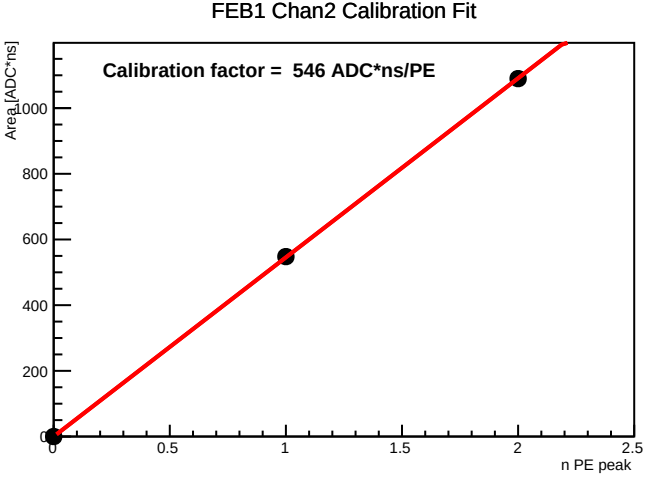

FEB1 Chan1 Calibration Fit
Calibration factor = 540 ADC*ns/PE
Area [ADC*ns]
n PE peak

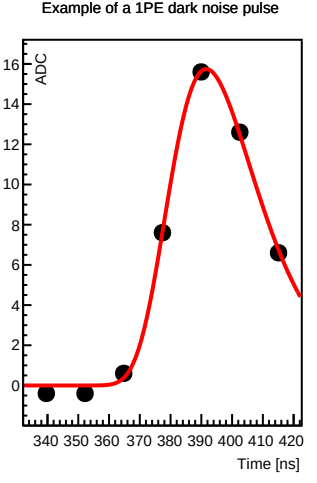

Example of a 1PE dark noise pulse
ADC
Time [ns]

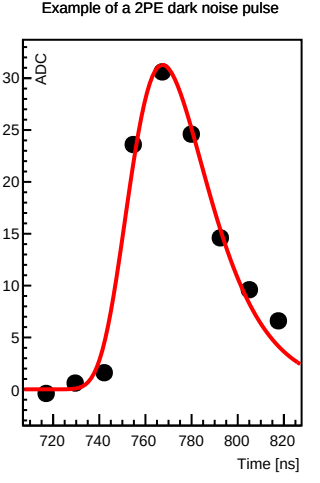

Example of a 2PE dark noise pulse
ADC
Time [ns]

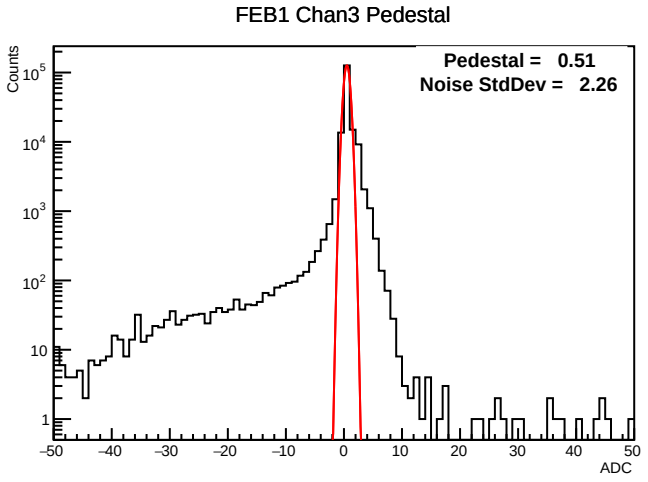

FEB1 Chan2 Pedestal
Pedestal = -9.60
Noise StdDev = 2.03
Counts
ADC

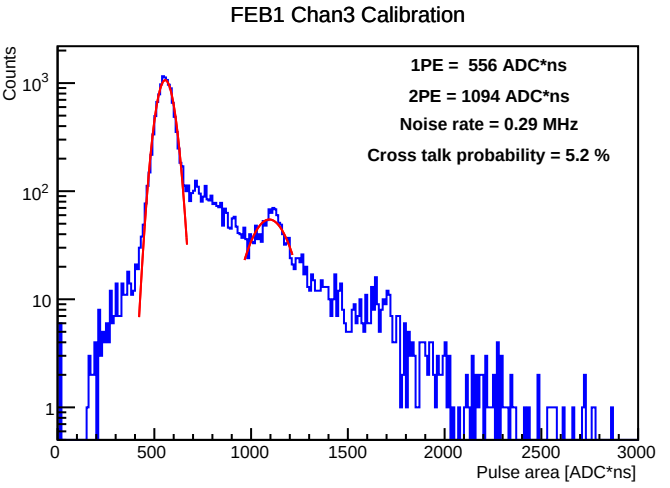

FEB1 Chan2 Calibration
1PE = 548 ADC*ns
2PE = 1090 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 5.5 %
Counts
Pulse area [ADC*ns]

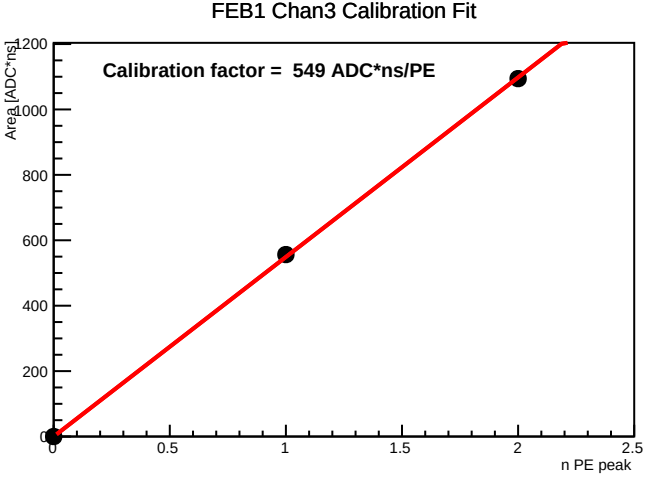

FEB1 Chan2 Calibration Fit
Calibration factor = 546 ADC*ns/PE
Area [ADC*ns]
n PE peak

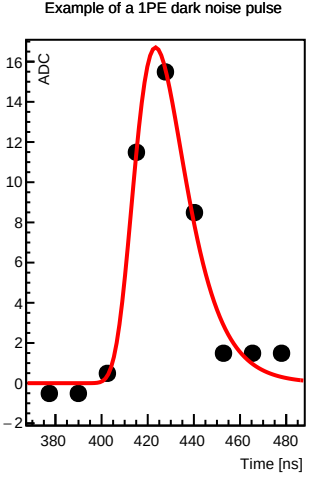

Example of a 1PE dark noise pulse
ADC
Time [ns]

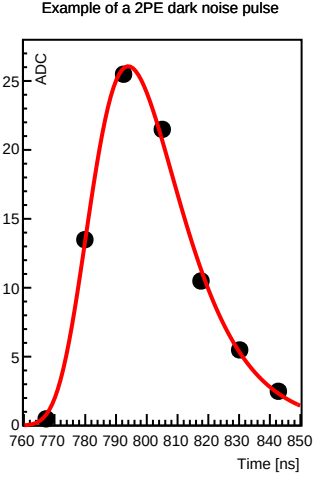

Example of a 2PE dark noise pulse
ADC
Time [ns]

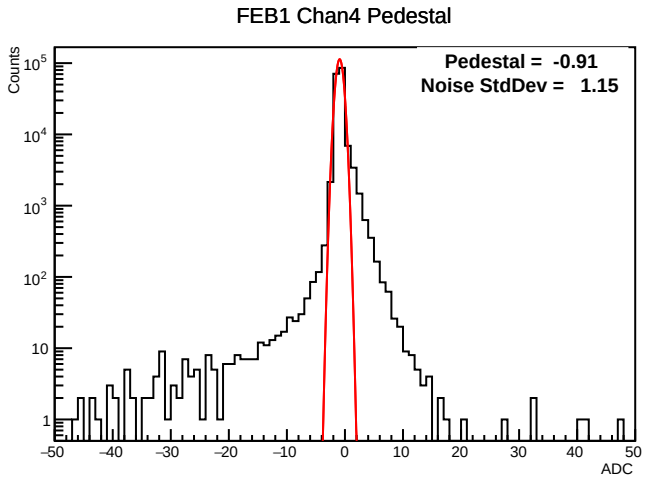

FEB1 Chan3 Pedestal
Pedestal = 0.51
Noise StdDev = 2.26
Counts
ADC

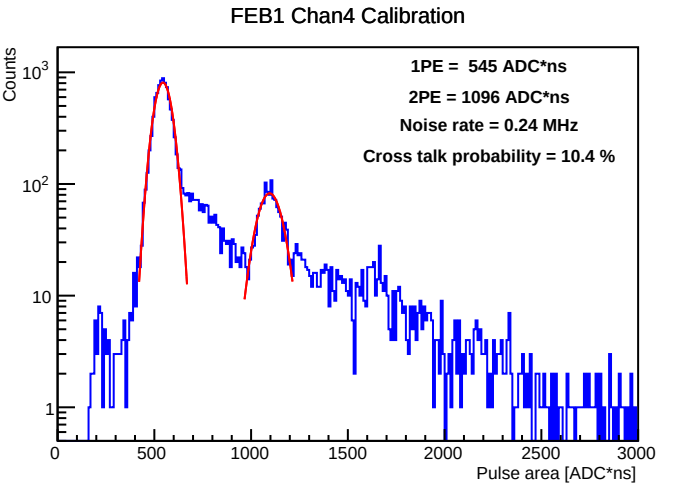

FEB1 Chan3 Calibration
1PE = 556 ADC*ns
2PE = 1094 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 5.2 %
Counts
Pulse area [ADC*ns]

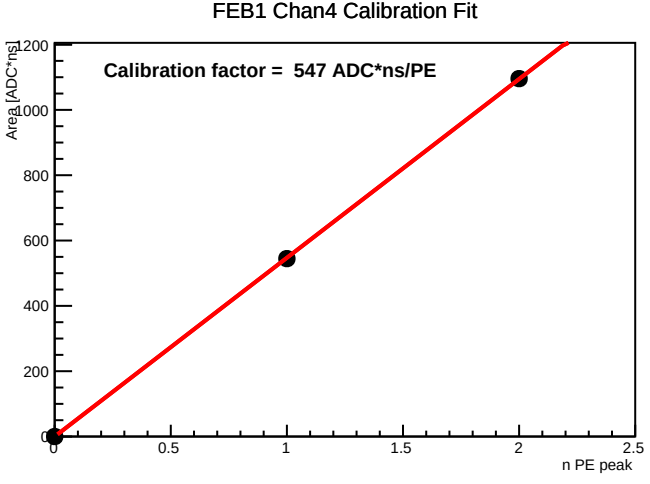

FEB1 Chan3 Calibration Fit
Calibration factor = 549 ADC*ns/PE
Area [ADC*ns]
n PE peak

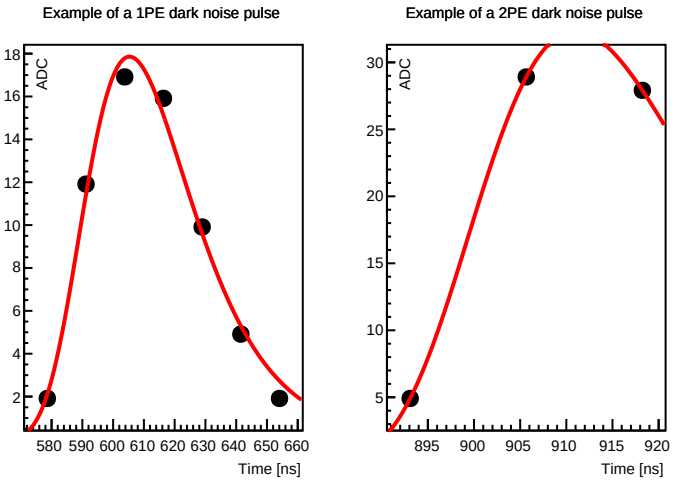

Example of a 1PE dark noise pulse
ADC
Time [ns]

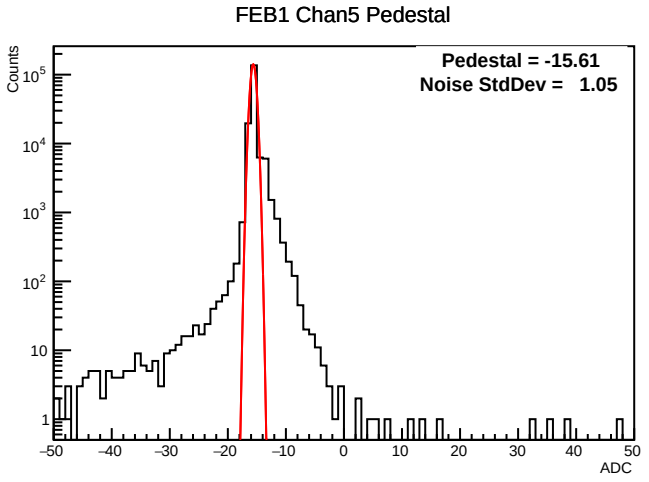

Example of a 2PE dark noise pulse
ADC
Time [ns]

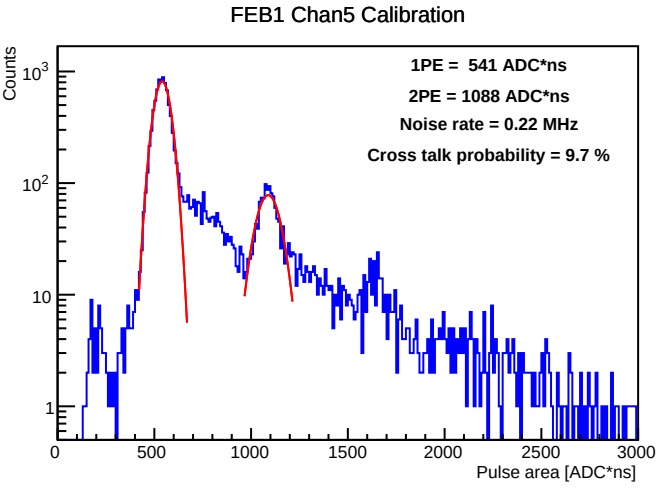

FEB1 Chan4 Pedestal
Pedestal = -0.91
Noise StdDev = 1.15
Counts
ADC

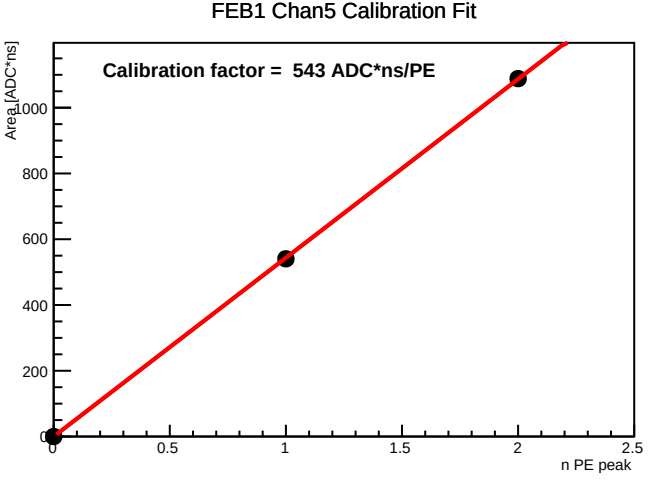

FEB1 Chan4 Calibration
1PE = 545 ADC*ns
2PE = 1096 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 10.4 %
Counts
Pulse area [ADC*ns]

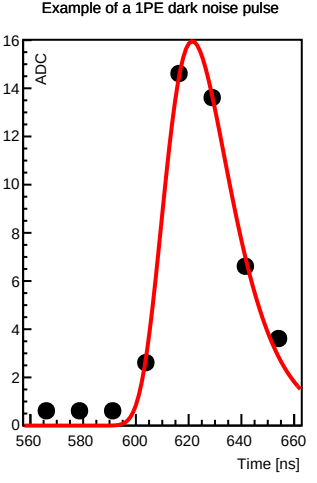

FEB1 Chan4 Calibration Fit
Calibration factor = 547 ADC*ns/PE
Area [ADC*ns]
n PE peak

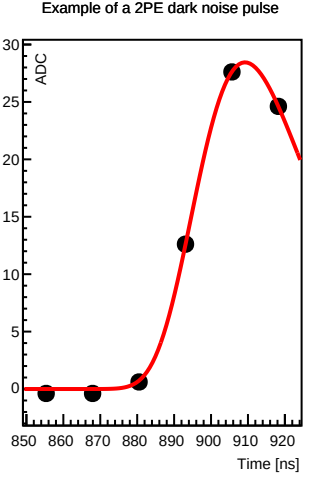

Example of a 1PE dark noise pulse
Example of a 2PE dark noise pulse
ADC
Time [ns]

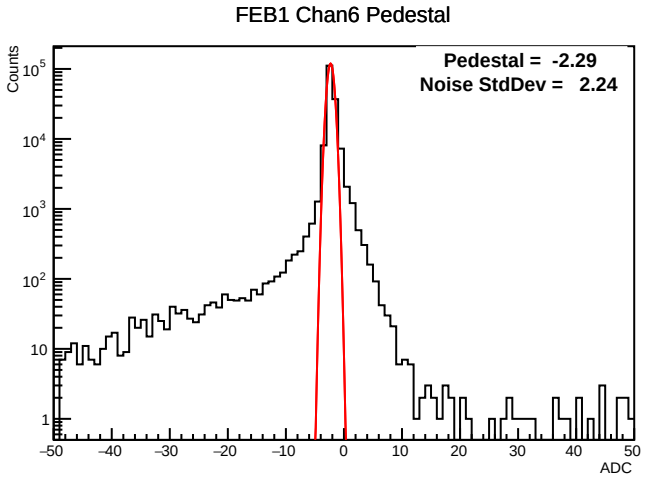

FEB1 Chan5 Pedestal
Pedestal = -15.61
Noise StdDev = 1.05
Counts
ADC

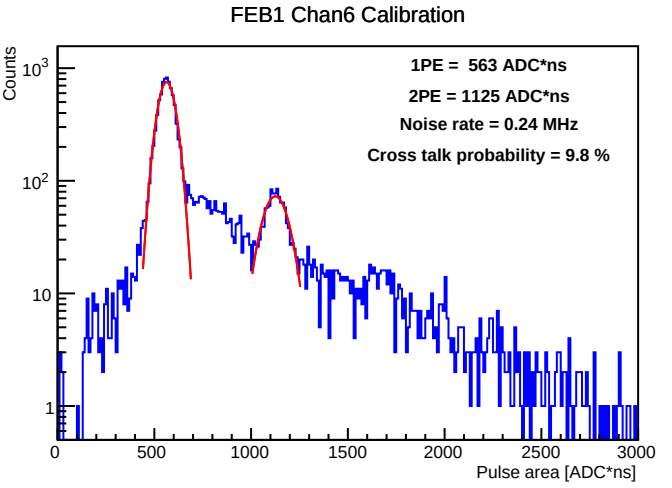

FEB1 Chan5 Calibration
1PE = 541 ADC*ns
2PE = 1088 ADC*ns
Noise rate = 0.22 MHz
Cross talk probability = 9.7 %
Counts
Pulse area [ADC*ns]

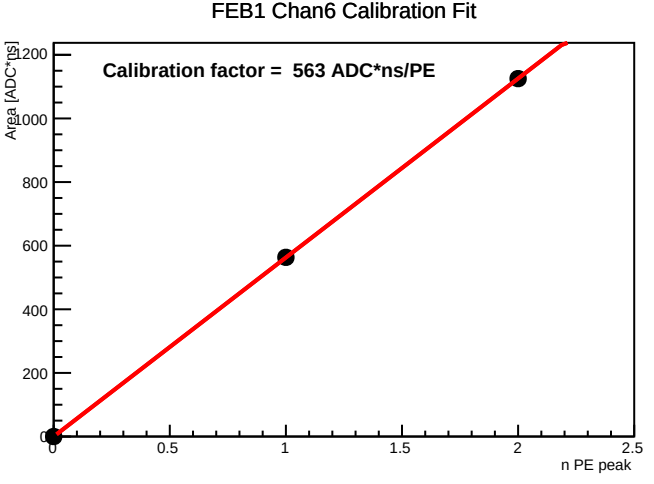

FEB1 Chan5 Calibration Fit
Calibration factor = 543 ADC*ns/PE
Area [ADC*ns]
n PE peak

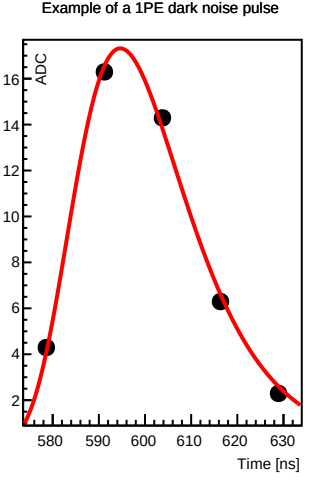

Example of a 1PE dark noise pulse
ADC
Time [ns]

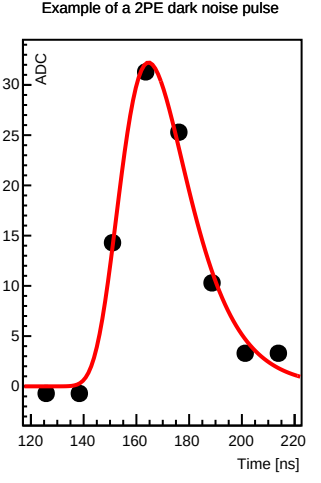

Example of a 2PE dark noise pulse
ADC
Time [ns]

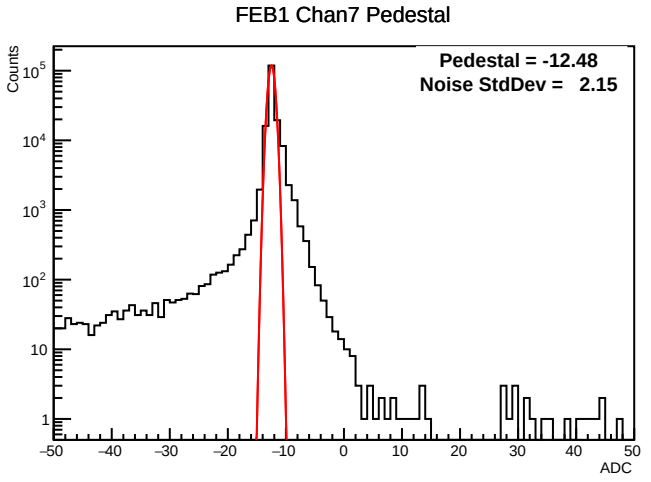

FEB1 Chan6 Pedestal
Pedestal = -2.29
Noise StdDev = 2.24
Counts
ADC

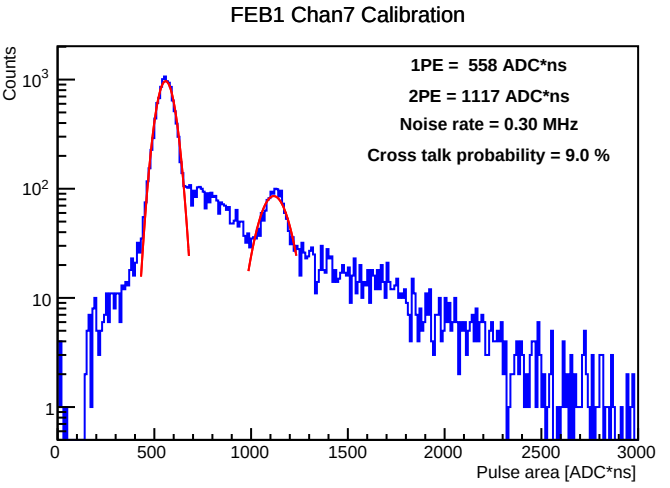

FEB1 Chan6 Calibration
1PE = 563 ADC*ns
2PE = 1125 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 9.8 %
Counts
Pulse area [ADC*ns]

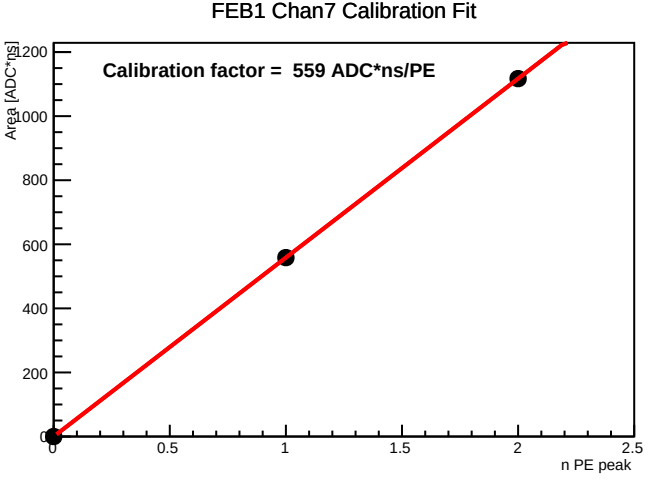

FEB1 Chan6 Calibration Fit
Calibration factor = 563 ADC*ns/PE
Area [ADC*ns]
n PE peak

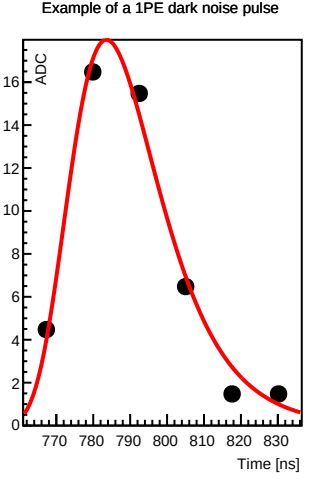

Example of a 1PE dark noise pulse
ADC
Time [ns]

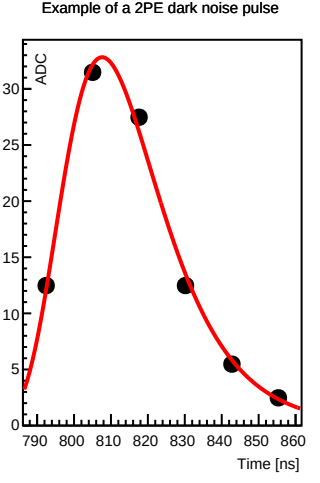

Example of a 2PE dark noise pulse
ADC
Time [ns]

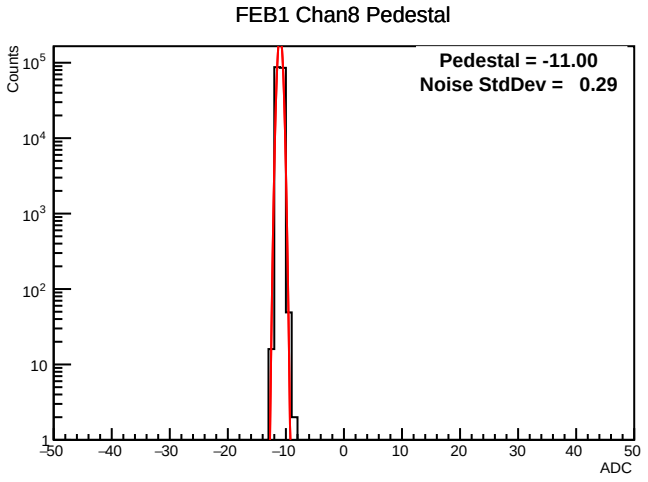

FEB1 Chan7 Pedestal
Pedestal = -12.48
Noise StdDev = 2.15
Counts
ADC

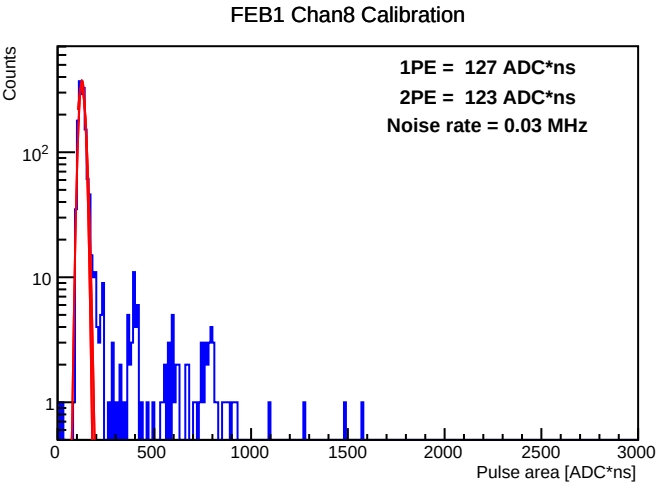

FEB1 Chan7 Calibration
1PE = 558 ADC*ns
2PE = 1117 ADC*ns
Noise rate = 0.30 MHz
Cross talk probability = 9.0 %
Counts
Pulse area [ADC*ns]

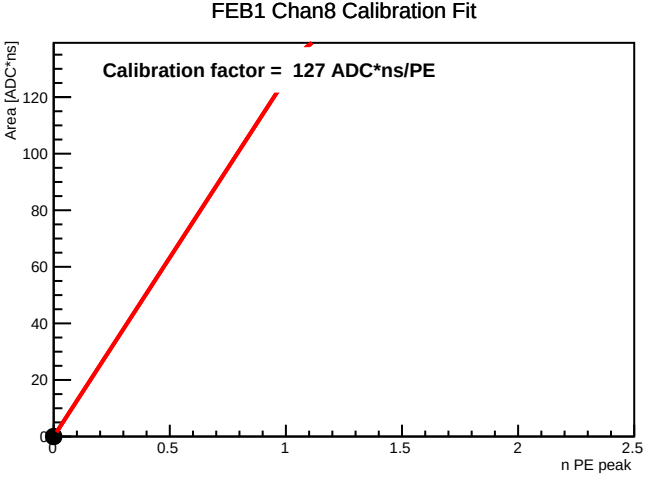

FEB1 Chan7 Calibration Fit
Calibration factor = 559 ADC*ns/PE
Area [ADC*ns]
n PE peak

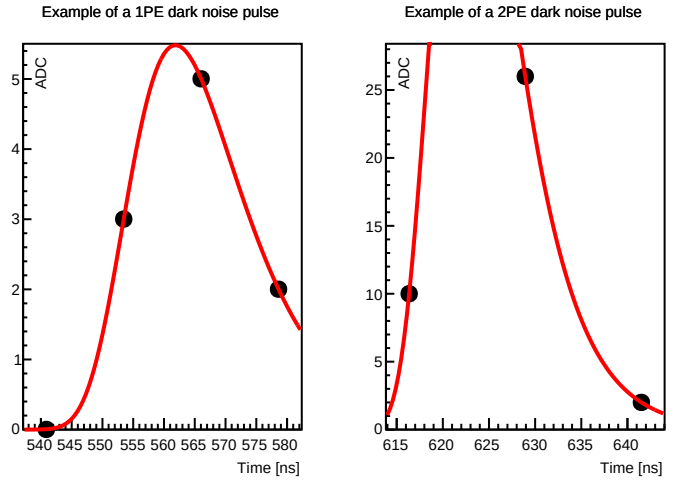

Example of a 1PE dark noise pulse
ADC
Time [ns]

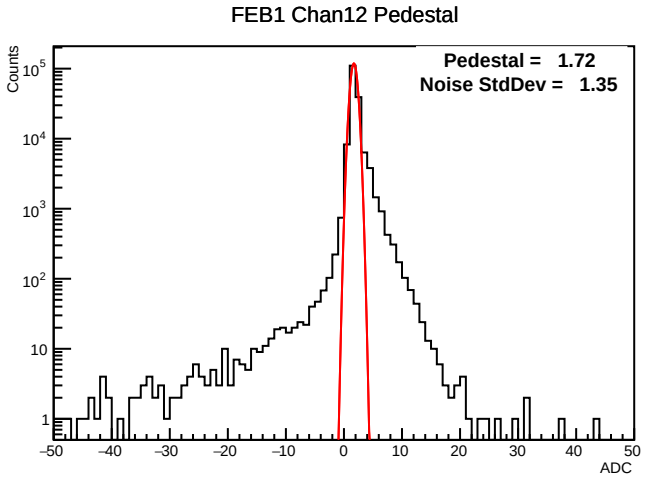

Example of a 2PE dark noise pulse
ADC
Time [ns]

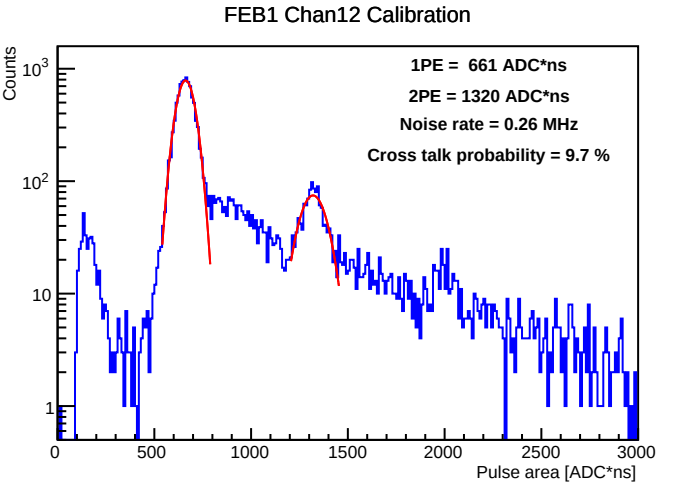

FEB1 Chan8 Pedestal
Pedestal = -11.00
Noise StdDev = 0.29
Counts
ADC

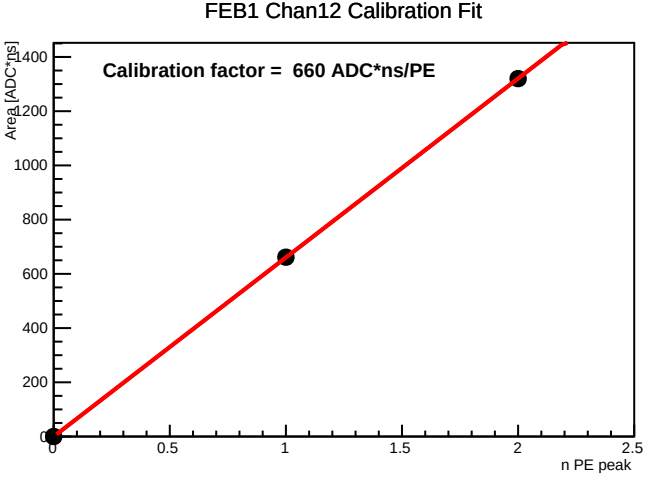

FEB1 Chan8 Calibration
1PE = 127 ADC*ns
2PE = 123 ADC*ns
Noise rate = 0.03 MHz
Counts
Pulse area [ADC*ns]

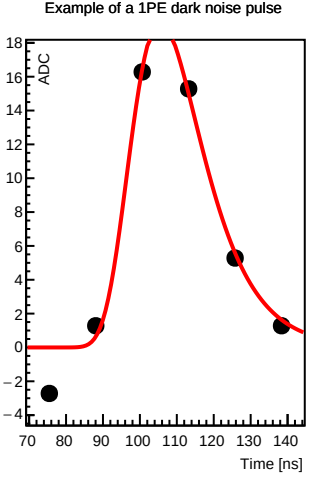

FEB1 Chan8 Calibration Fit
Calibration factor = 127 ADC*ns/PE
Area [ADC*ns]
n PE peak

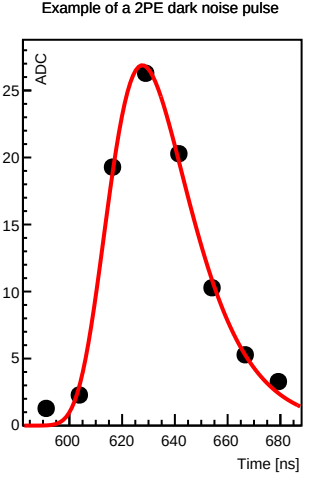

Example of a 1PE dark noise pulse
Example of a 2PE dark noise pulse
ADC
Time [ns]

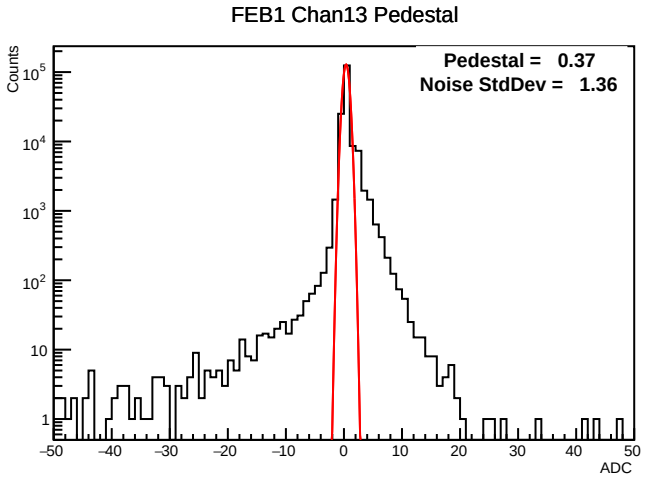

FEB1 Chan12 Pedestal
Pedestal = 1.72
Noise StdDev = 1.35
Counts
ADC

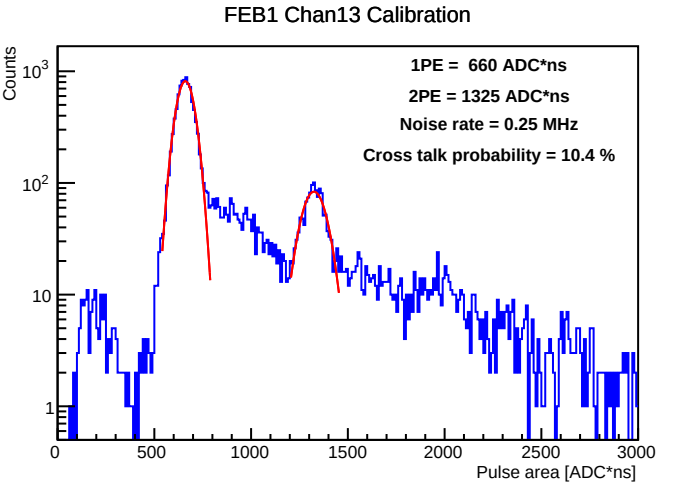

FEB1 Chan12 Calibration
1PE = 661 ADC*ns
2PE = 1320 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 9.7 %
Counts
Pulse area [ADC*ns]

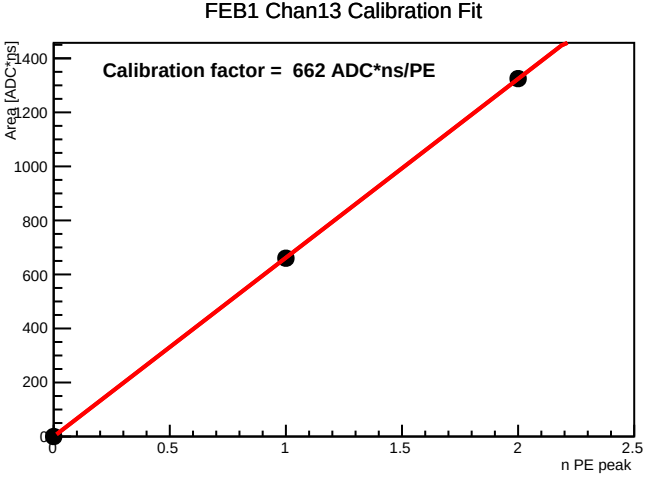

FEB1 Chan12 Calibration Fit
Calibration factor = 660 ADC*ns/PE
Area [ADC*ns]
n PE peak

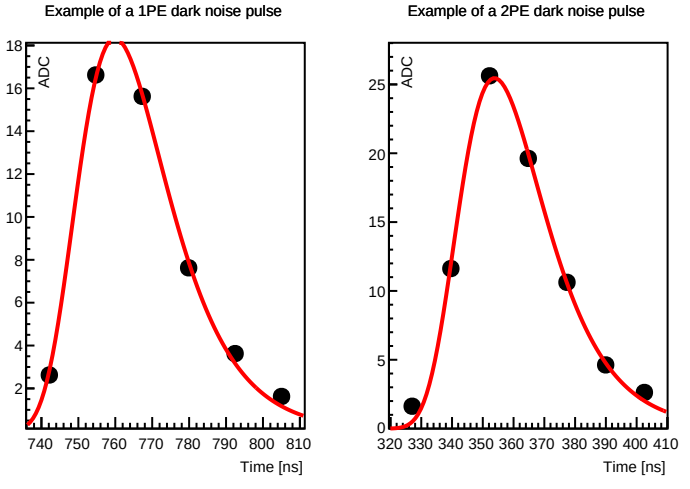

Example of a 1PE dark noise pulse
ADC
Time [ns]

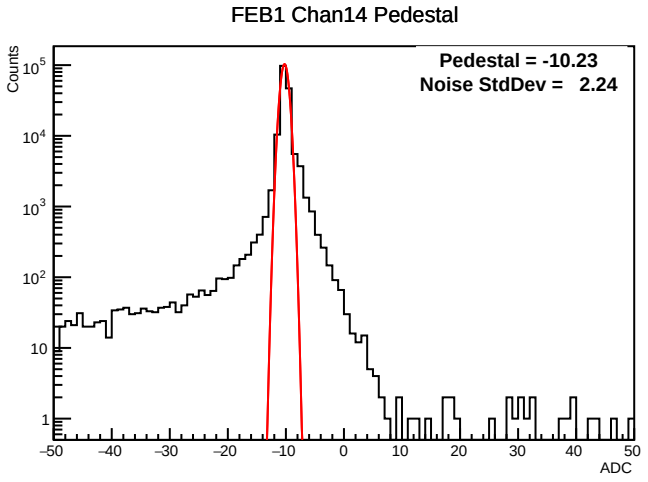

Example of a 2PE dark noise pulse
ADC
Time [ns]

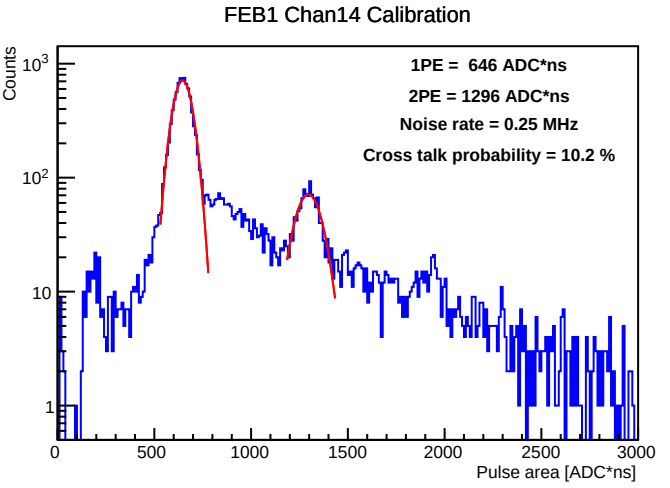

FEB1 Chan13 Pedestal
Pedestal = 0.37
Noise StdDev = 1.36
Counts
ADC

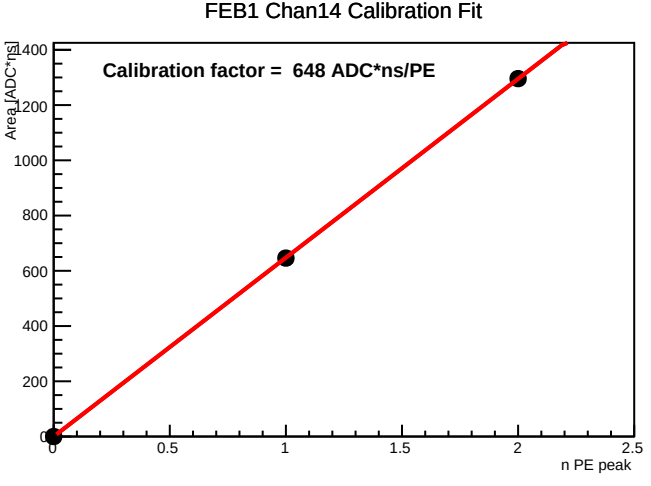

FEB1 Chan13 Calibration
1PE = 660 ADC*ns
2PE = 1325 ADC*ns
Noise rate = 0.25 MHz
Cross talk probability = 10.4 %
Counts
Pulse area [ADC*ns]

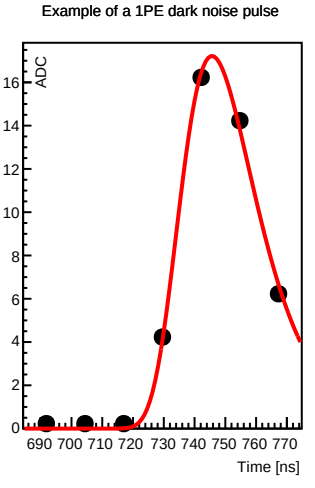

FEB1 Chan13 Calibration Fit
Calibration factor = 662 ADC*ns/PE
Area [ADC*ns]
n PE peak

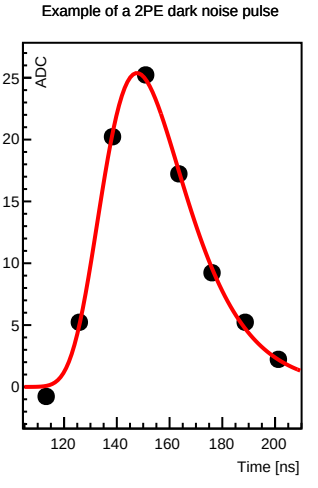

Example of a 1PE dark noise pulse
Example of a 2PE dark noise pulse
ADC
Time [ns]

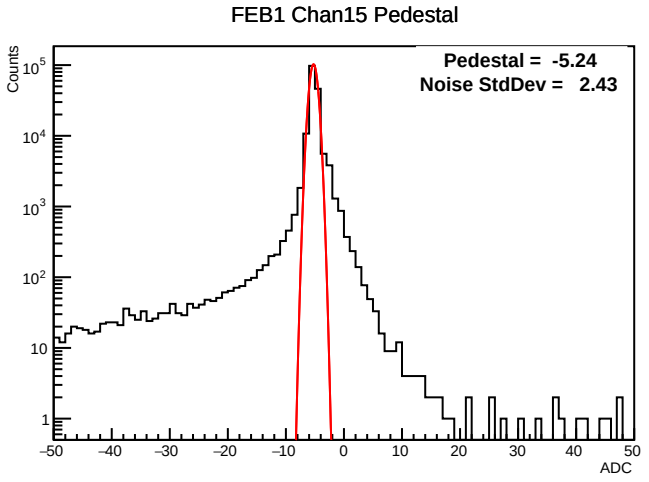

FEB1 Chan14 Pedestal
Pedestal = -10.23
Noise StdDev = 2.24
Counts
ADC

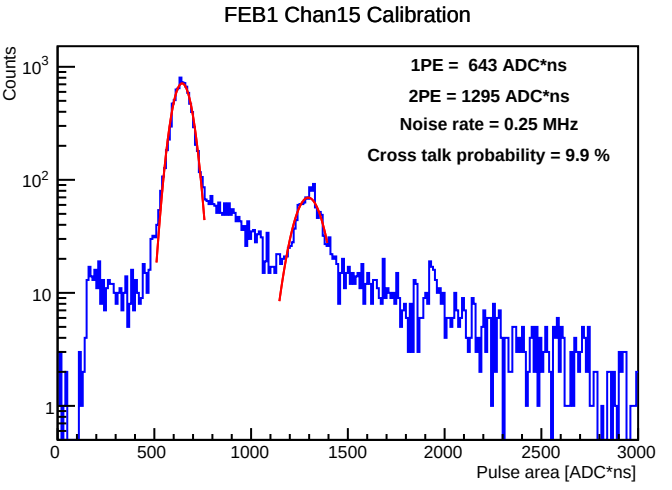

FEB1 Chan14 Calibration
1PE = 646 ADC*ns
2PE = 1296 ADC*ns
Noise rate = 0.25 MHz
Cross talk probability = 10.2 %
Counts
Pulse area [ADC*ns]

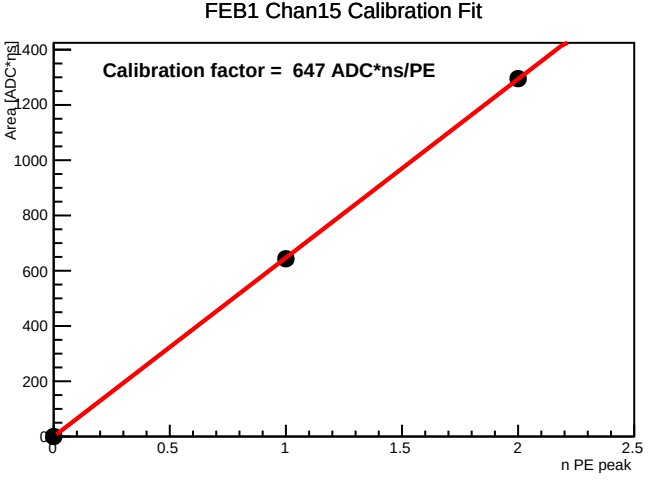

FEB1 Chan14 Calibration Fit
Calibration factor = 648 ADC*ns/PE
Area [ADC*ns]
n PE peak

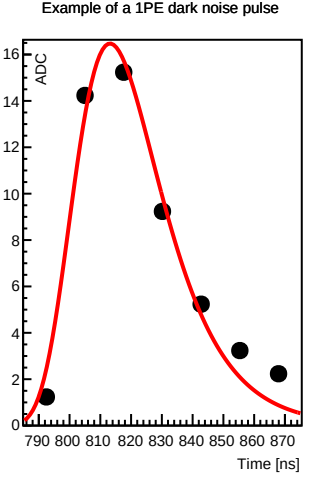

Example of a 1PE dark noise pulse
ADC
Time [ns]

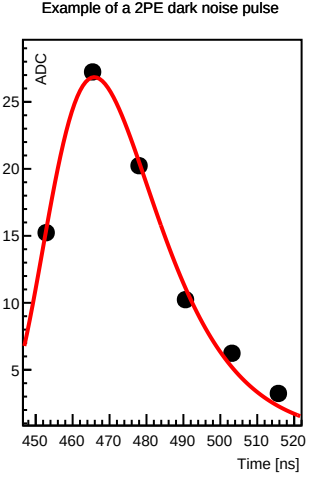

Example of a 2PE dark noise pulse
ADC
Time [ns]

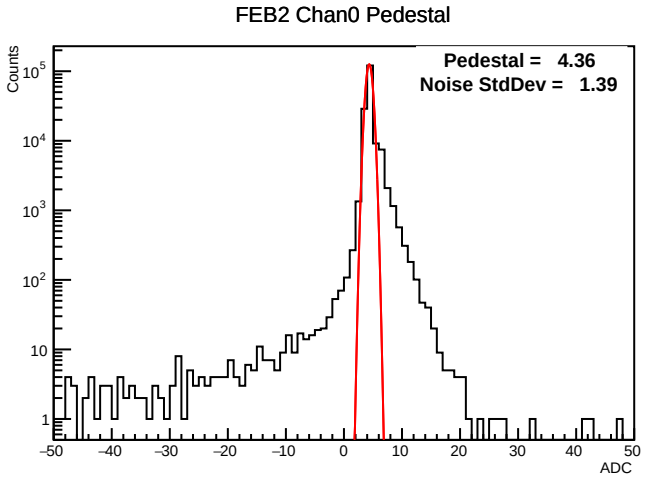

FEB1 Chan15 Pedestal
Pedestal = -5.24
Noise StdDev = 2.43
Counts
ADC

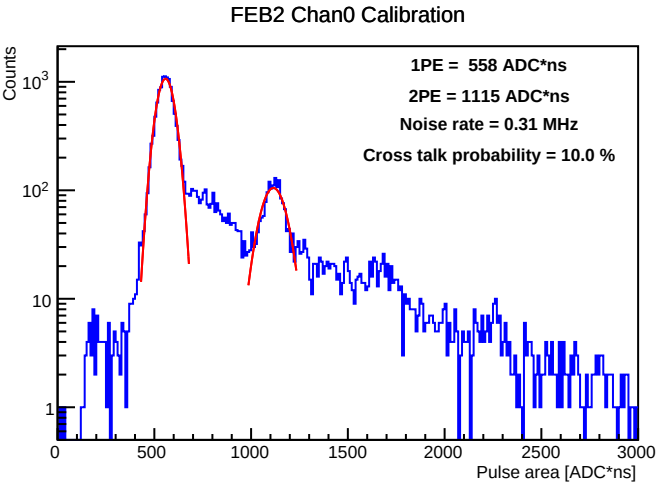

FEB1 Chan15 Calibration
1PE = 643 ADC*ns
2PE = 1295 ADC*ns
Noise rate = 0.25 MHz
Cross talk probability = 9.9 %
Counts
Pulse area [ADC*ns]

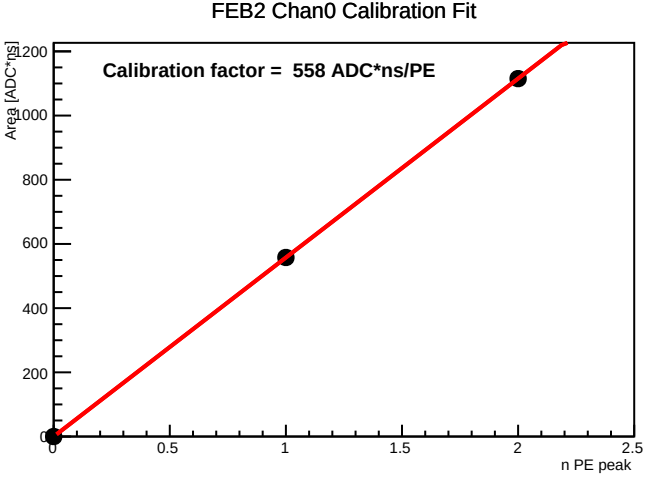

FEB1 Chan15 Calibration Fit
Calibration factor = 647 ADC*ns/PE
Area [ADC*ns]
n PE peak

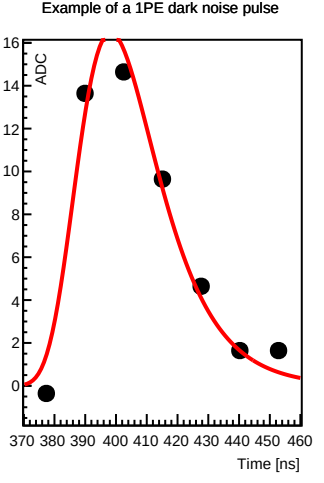

Example of a 1PE dark noise pulse
ADC
Time [ns]

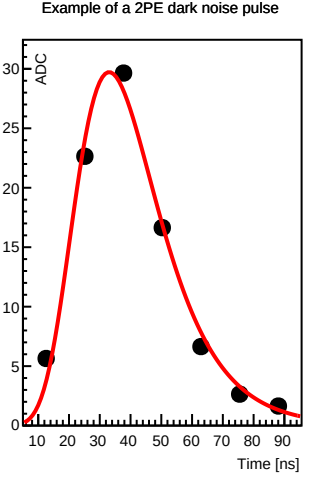

Example of a 2PE dark noise pulse
ADC
Time [ns]

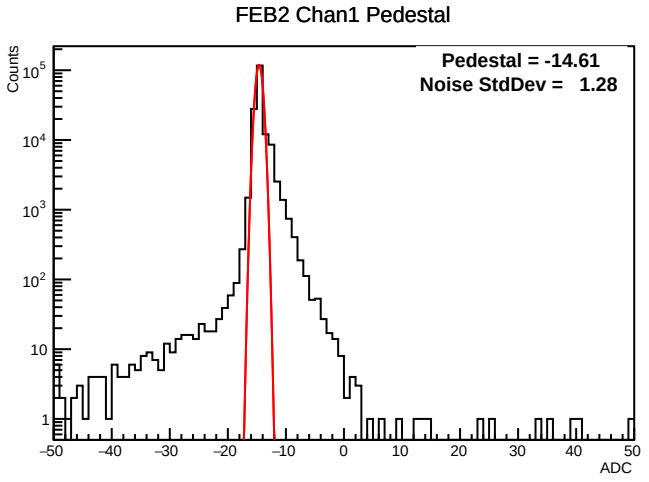

FEB2 Chan0 Pedestal
Pedestal = 4.36
Noise StdDev = 1.39
Counts
ADC

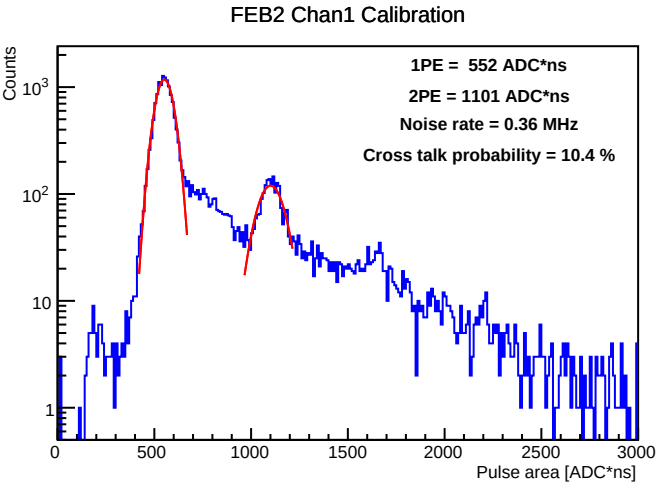

FEB2 Chan0 Calibration
1PE = 558 ADC*ns
2PE = 1115 ADC*ns
Noise rate = 0.31 MHz
Cross talk probability = 10.0 %
Counts
Pulse area [ADC*ns]

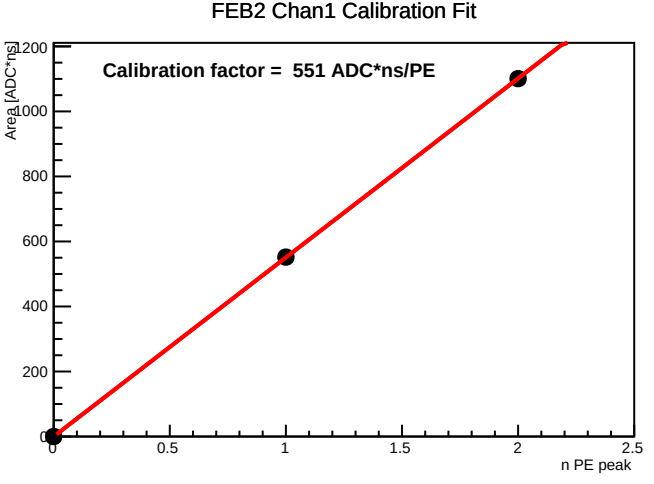

FEB2 Chan0 Calibration Fit
Calibration factor = 558 ADC*ns/PE
Area [ADC*ns]
n PE peak

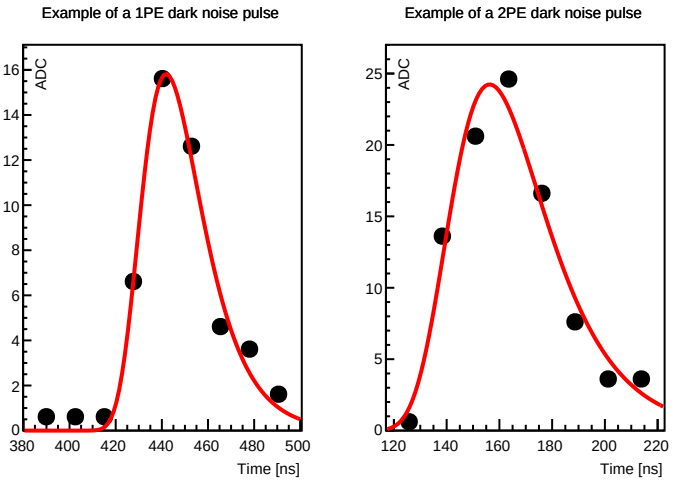

Example of a 1PE dark noise pulse
ADC
Time [ns]

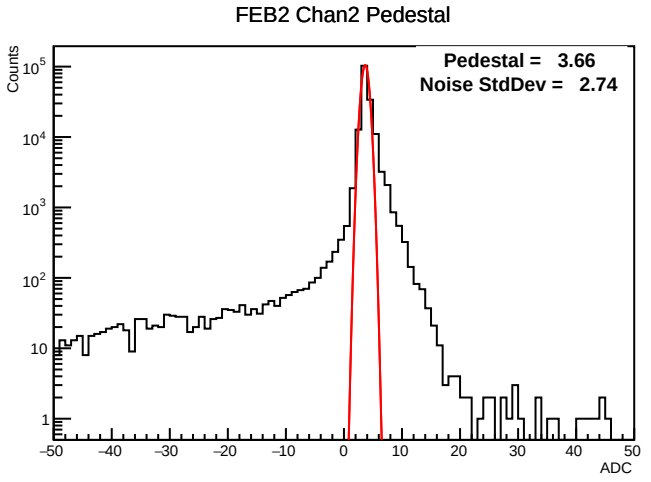

Example of a 2PE dark noise pulse
ADC
Time [ns]

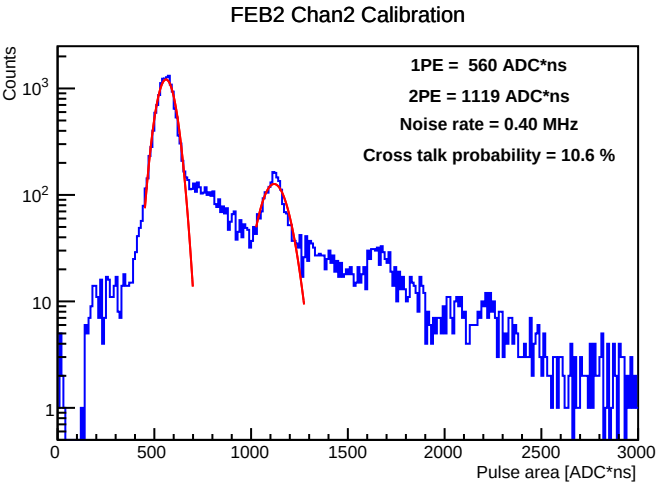

FEB2 Chan1 Pedestal
Pedestal = -14.61
Noise StdDev = 1.28
Counts
ADC

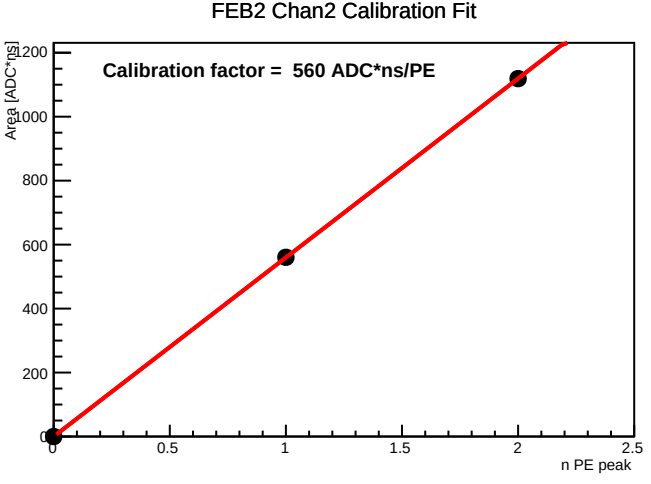

FEB2 Chan1 Calibration
1PE = 552 ADC*ns
2PE = 1101 ADC*ns
Noise rate = 0.36 MHz
Cross talk probability = 10.4 %
Counts
Pulse area [ADC*ns]

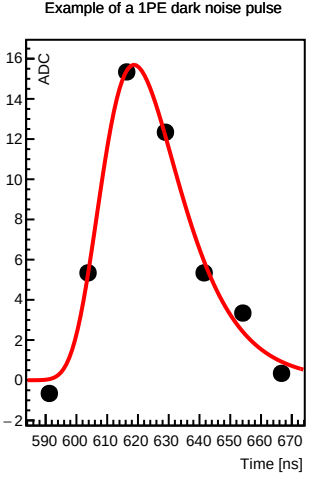

FEB2 Chan1 Calibration Fit
Calibration factor = 551 ADC*ns/PE
Area [ADC*ns]
n PE peak

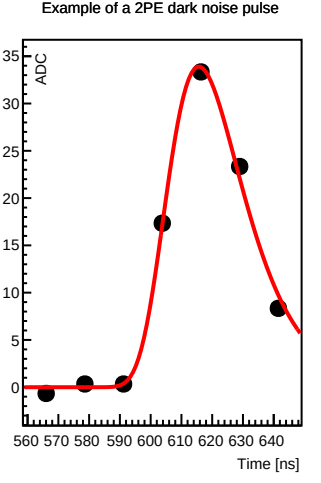

Example of a 1PE dark noise pulse
Example of a 2PE dark noise pulse
ADC
Time [ns]

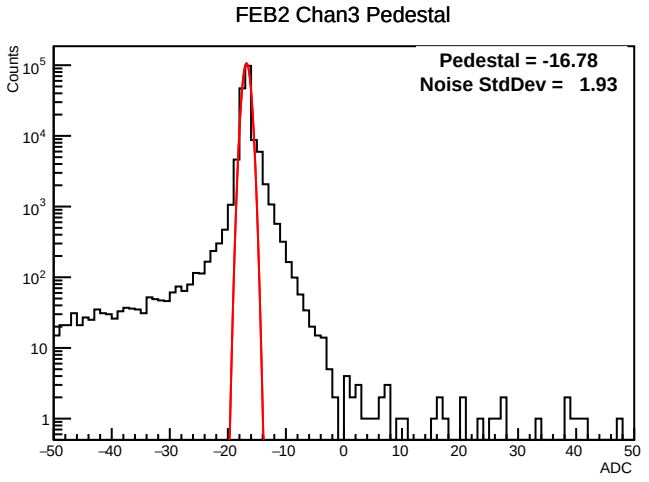

FEB2 Chan2 Pedestal
Pedestal = 3.66
Noise StdDev = 2.74
Counts
ADC

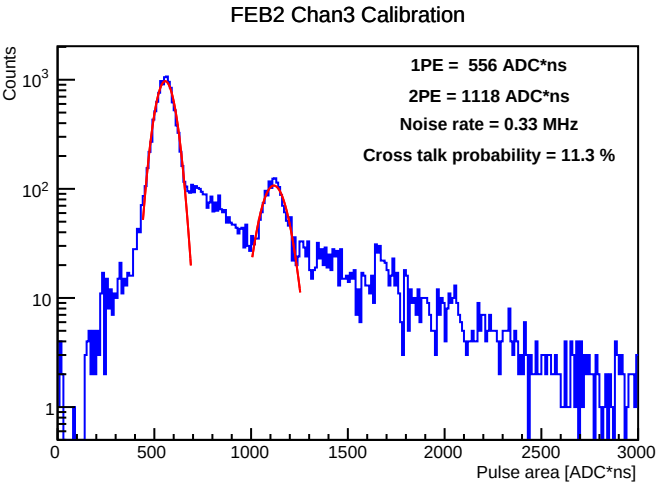

FEB2 Chan2 Calibration
1PE = 560 ADC*ns
2PE = 1119 ADC*ns
Noise rate = 0.40 MHz
Cross talk probability = 10.6 %
Counts
Pulse area [ADC*ns]

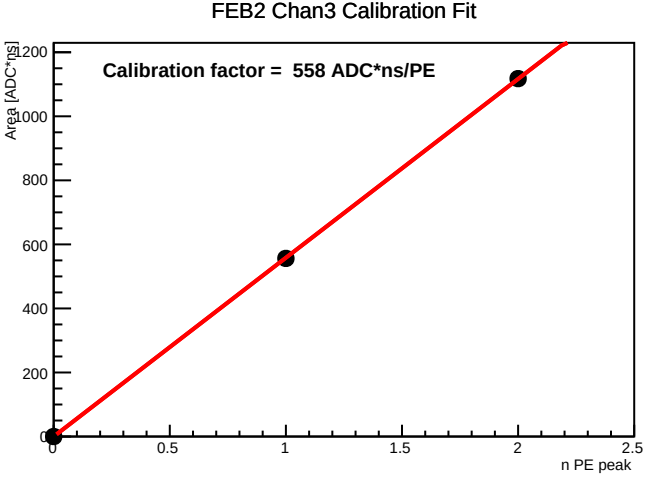

FEB2 Chan2 Calibration Fit
Calibration factor = 560 ADC*ns/PE
Area [ADC*ns]
n PE peak

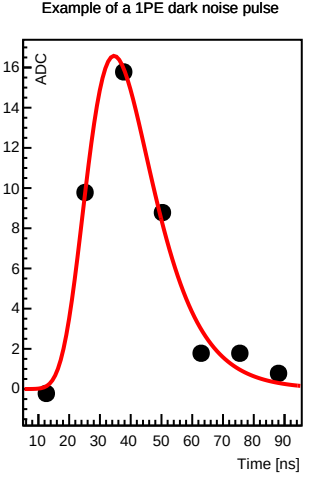

Example of a 1PE dark noise pulse
ADC
Time [ns]

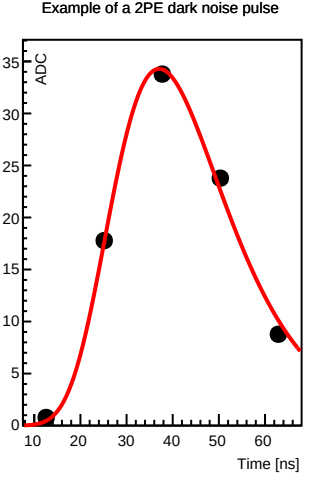

Example of a 2PE dark noise pulse
ADC
Time [ns]

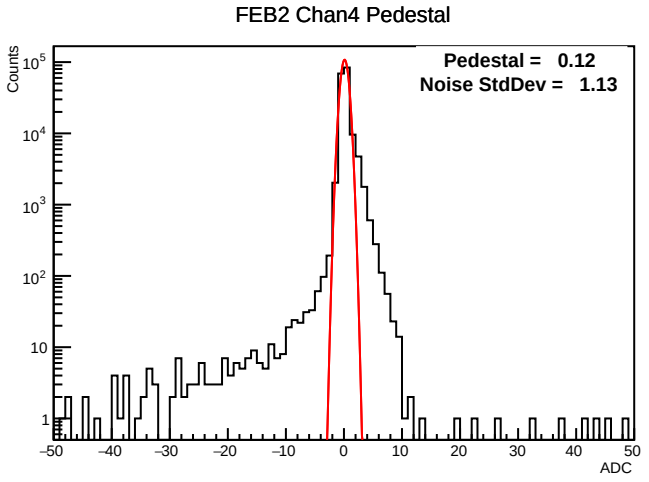

FEB2 Chan3 Pedestal
Pedestal = -16.78
Noise StdDev = 1.93
Counts
ADC

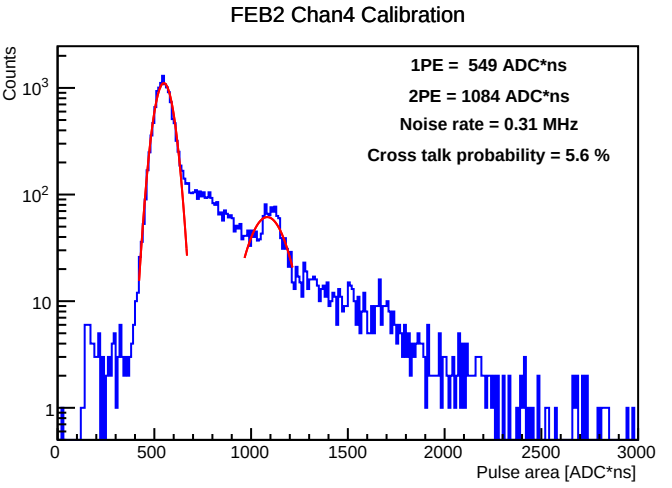

FEB2 Chan3 Calibration
1PE = 556 ADC*ns
2PE = 1118 ADC*ns
Noise rate = 0.33 MHz
Cross talk probability = 11.3 %
Counts
Pulse area [ADC*ns]

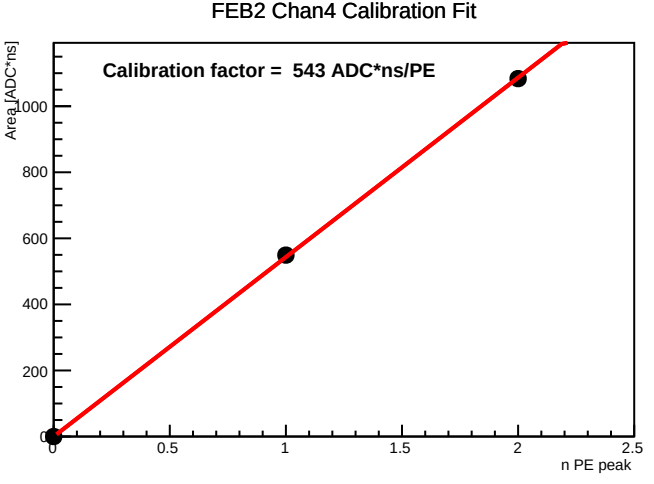

FEB2 Chan3 Calibration Fit
Calibration factor = 558 ADC*ns/PE
Area [ADC*ns]
n PE peak

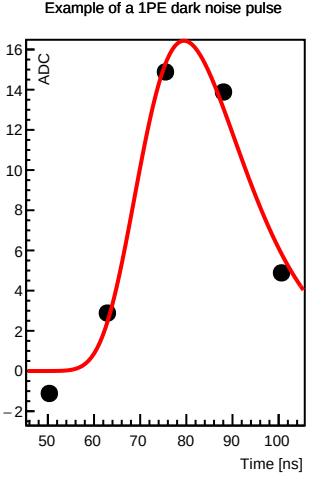

Example of a 1PE dark noise pulse
ADC
Time [ns]

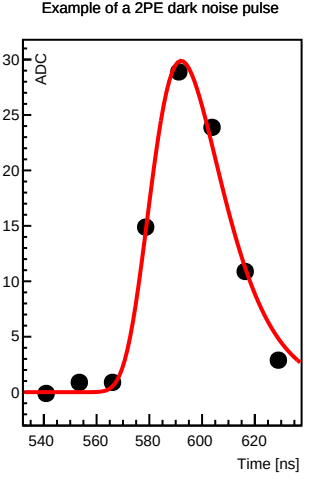

Example of a 2PE dark noise pulse
ADC
Time [ns]

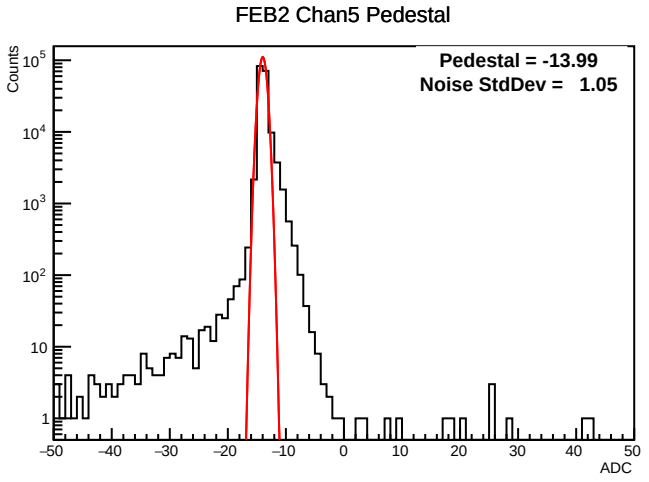

FEB2 Chan4 Pedestal
Pedestal = 0.12
Noise StdDev = 1.13
Counts
ADC

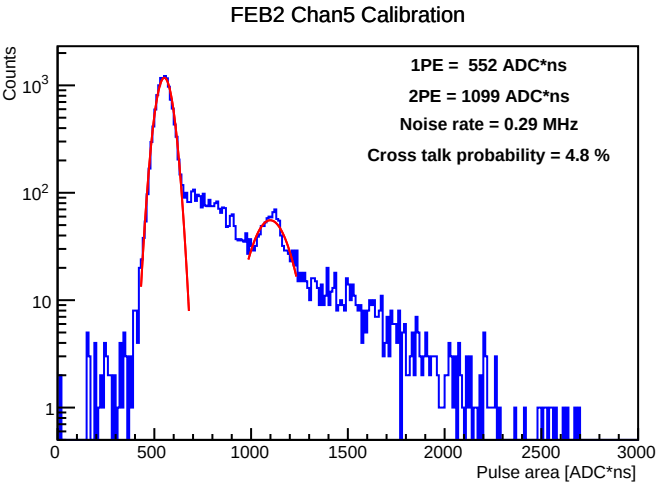

FEB2 Chan4 Calibration
1PE = 549 ADC*ns
2PE = 1084 ADC*ns
Noise rate = 0.31 MHz
Cross talk probability = 5.6 %
Counts
Pulse area [ADC*ns]

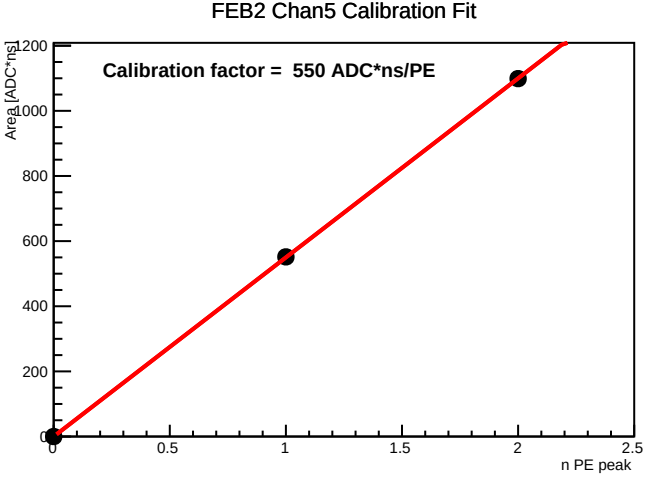

FEB2 Chan4 Calibration Fit
Calibration factor = 543 ADC*ns/PE
Area [ADC*ns]
n PE peak

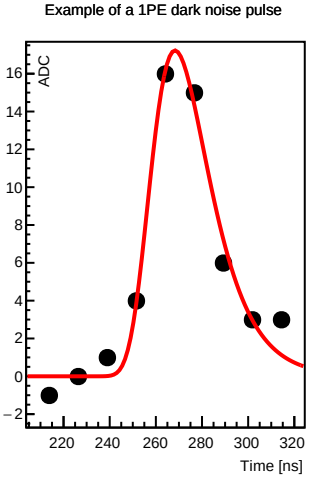

Example of a 1PE dark noise pulse
ADC
Time [ns]

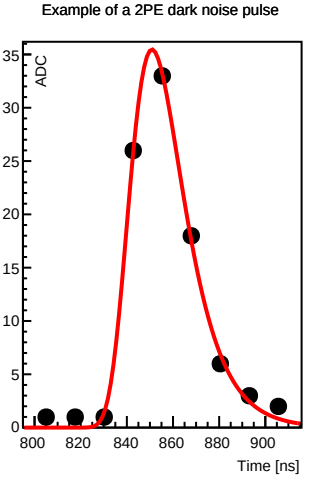

Example of a 2PE dark noise pulse
ADC
Time [ns]

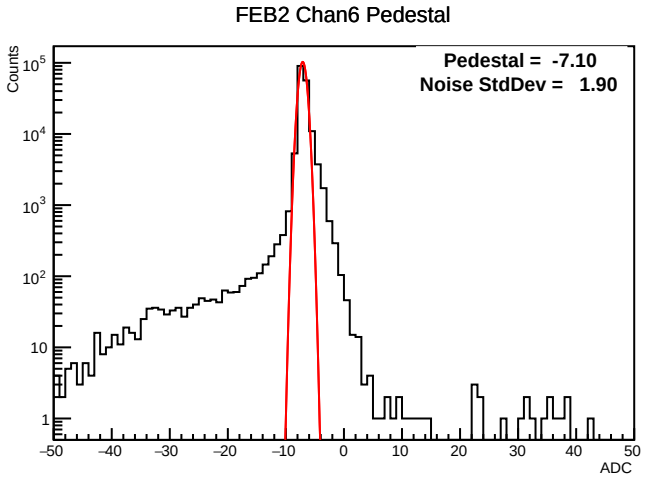

FEB2 Chan5 Pedestal
Pedestal = -13.99
Noise StdDev = 1.05
Counts
ADC

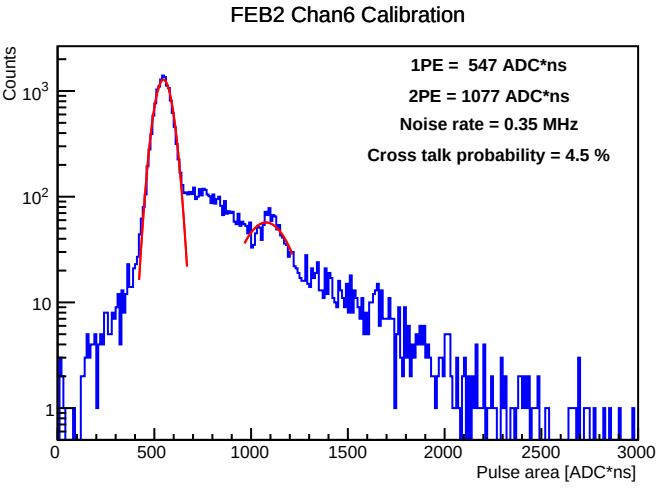

FEB2 Chan5 Calibration
1PE = 552 ADC*ns
2PE = 1099 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 4.8 %
Counts
Pulse area [ADC*ns]

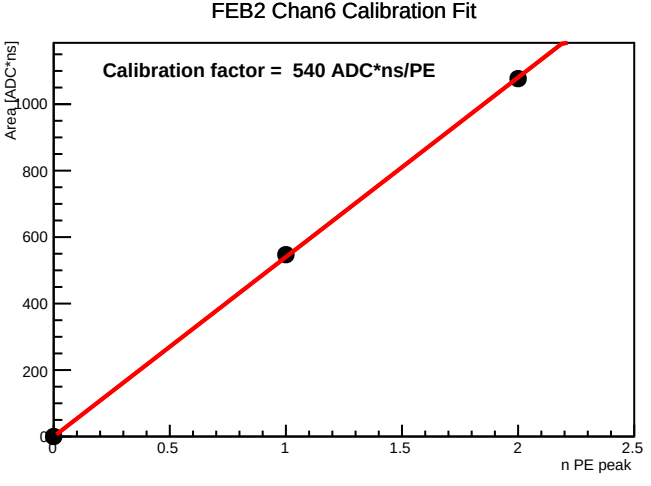

FEB2 Chan5 Calibration Fit
Calibration factor = 550 ADC*ns/PE
Area [ADC*ns]
n PE peak

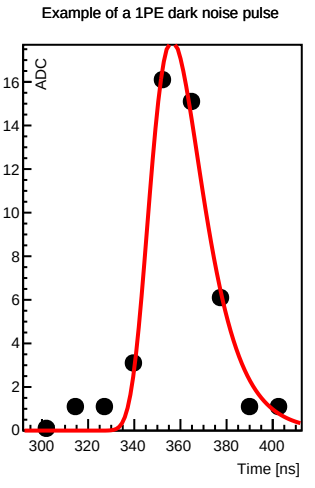

Example of a 1PE dark noise pulse
ADC
Time [ns]

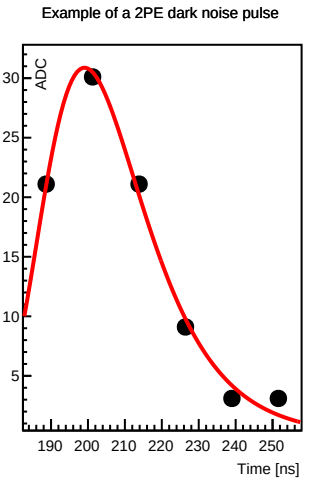

Example of a 2PE dark noise pulse
ADC
Time [ns]

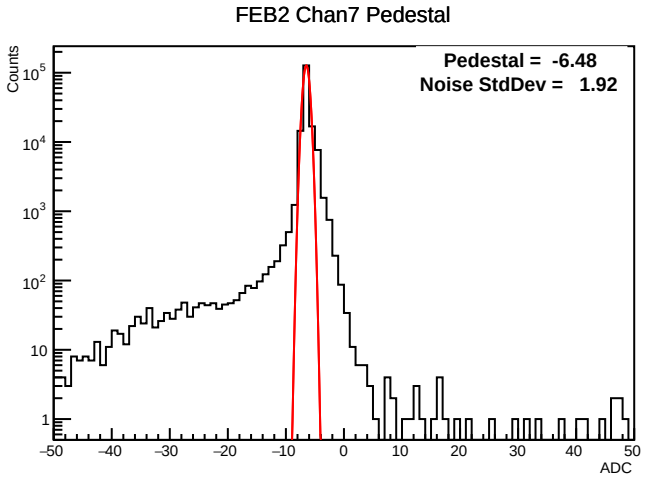

FEB2 Chan6 Pedestal
Pedestal = -7.10
Noise StdDev = 1.90
Counts
ADC

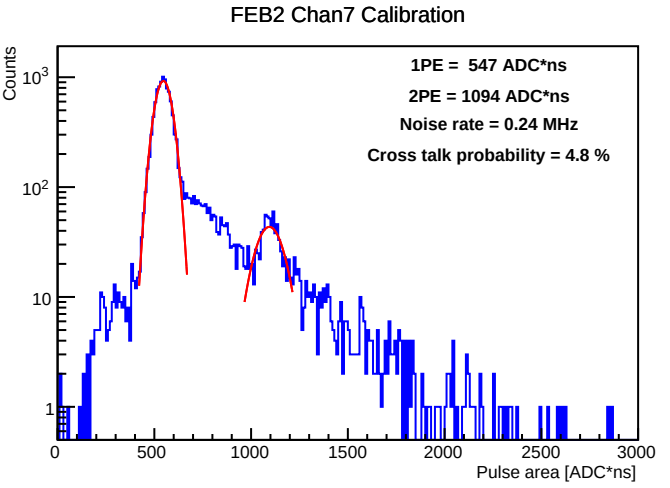

FEB2 Chan6 Calibration
1PE = 547 ADC*ns
2PE = 1077 ADC*ns
Noise rate = 0.35 MHz
Cross talk probability = 4.5 %
Counts
Pulse area [ADC*ns]

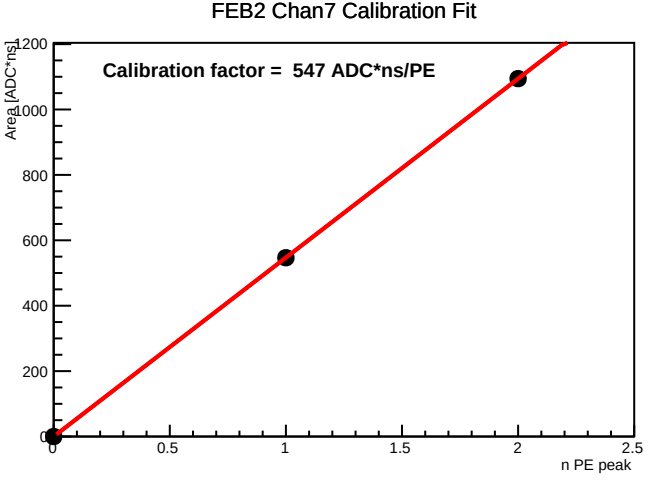

FEB2 Chan6 Calibration Fit
Calibration factor = 540 ADC*ns/PE
Area [ADC*ns]
n PE peak

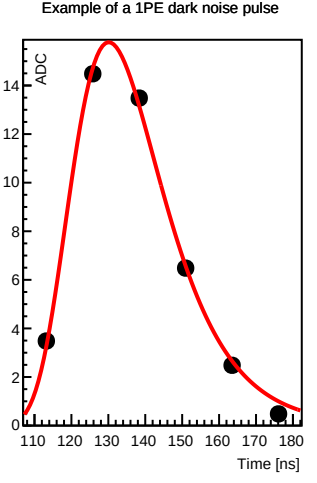

Example of a 1PE dark noise pulse
ADC
Time [ns]

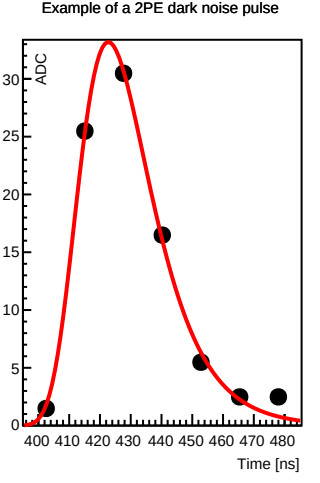

Example of a 2PE dark noise pulse
ADC
Time [ns]

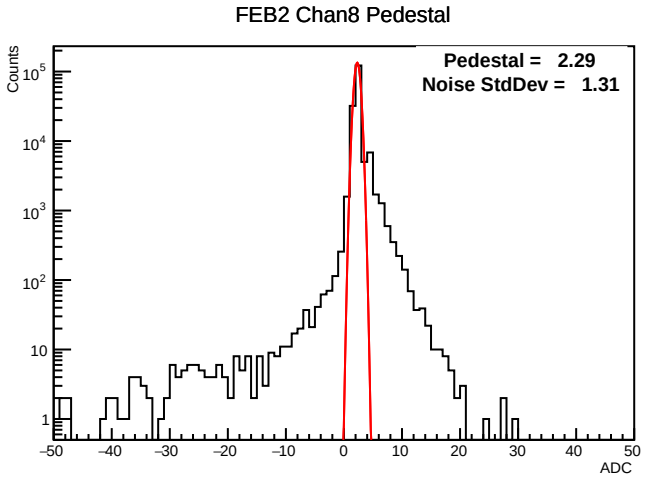

FEB2 Chan7 Pedestal
Pedestal = -6.48
Noise StdDev = 1.92
Counts
ADC

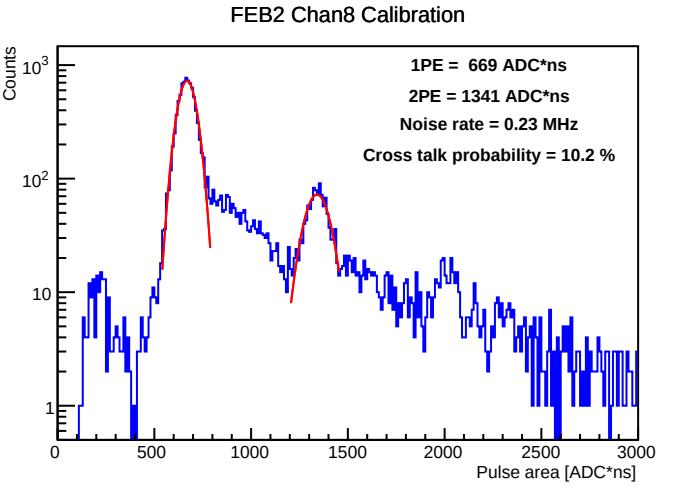

FEB2 Chan7 Calibration
1PE = 547 ADC*ns
2PE = 1094 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 4.8 %
Counts
Pulse area [ADC*ns]

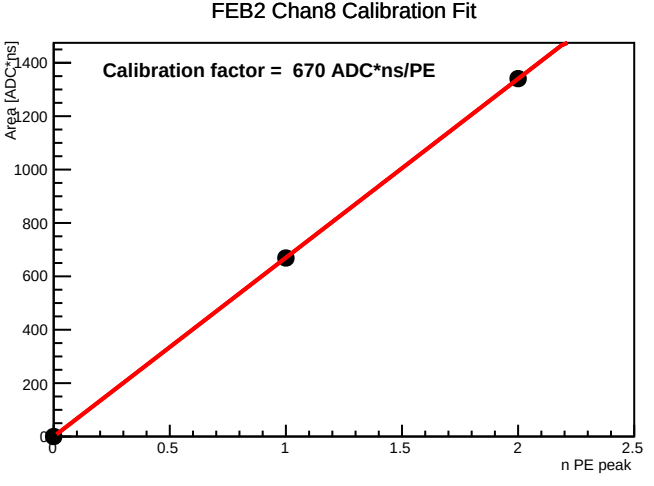

FEB2 Chan7 Calibration Fit
Calibration factor = 547 ADC*ns/PE
Area [ADC*ns]
n PE peak

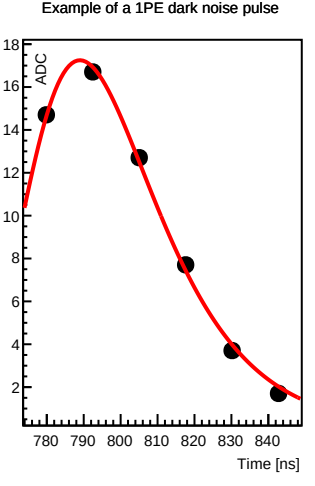

Example of a 1PE dark noise pulse
ADC
Time [ns]

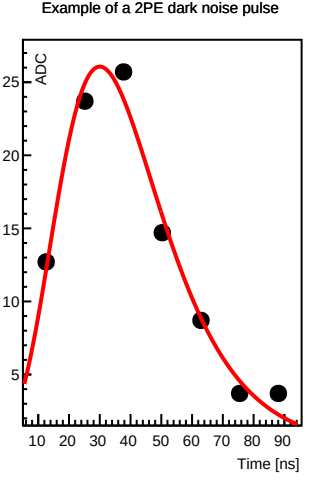

Example of a 2PE dark noise pulse
ADC
Time [ns]

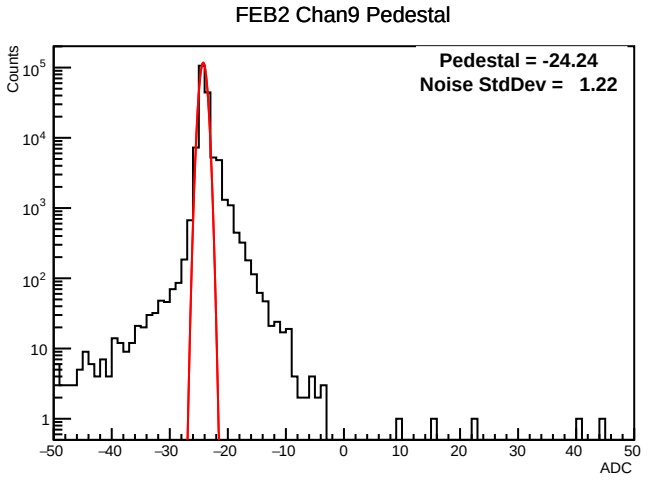

FEB2 Chan8 Pedestal
Pedestal = 2.29
Noise StdDev = 1.31
Counts
ADC

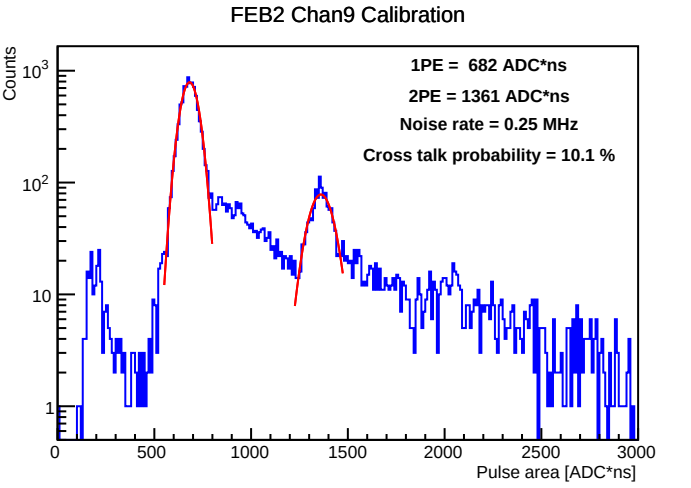

FEB2 Chan8 Calibration
1PE = 669 ADC*ns
2PE = 1341 ADC*ns
Noise rate = 0.23 MHz
Cross talk probability = 10.2 %
Counts
Pulse area [ADC*ns]

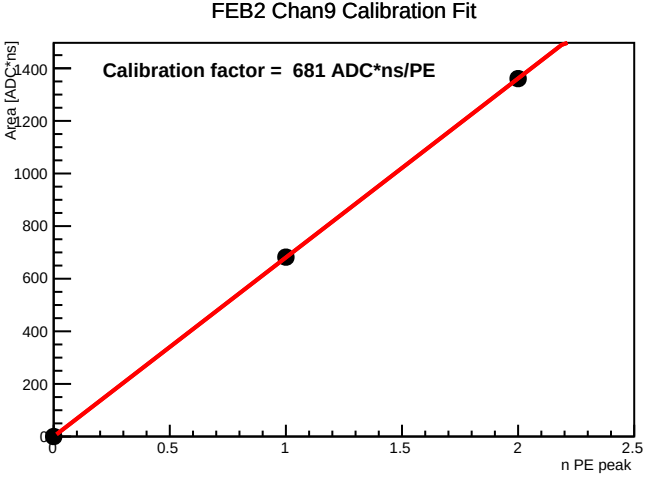

FEB2 Chan8 Calibration Fit
Calibration factor = 670 ADC*ns/PE
Area [ADC*ns]
n PE peak

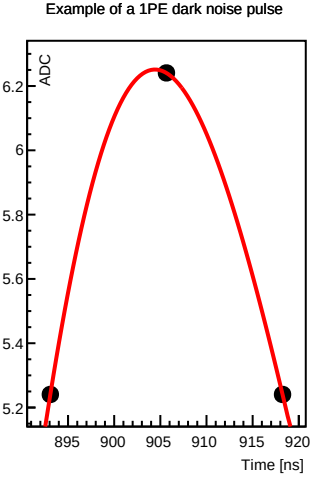

Example of a 1PE dark noise pulse
ADC
Time [ns]

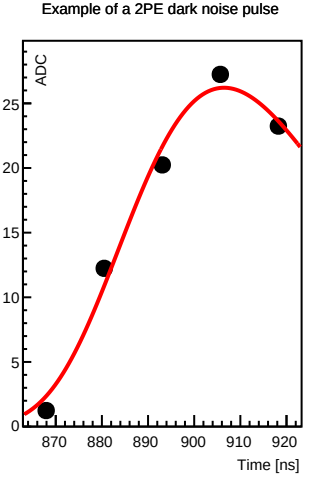

Example of a 2PE dark noise pulse
ADC
Time [ns]

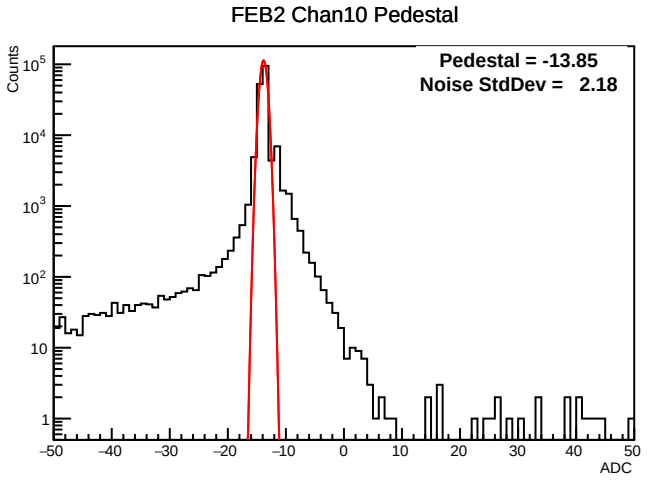

FEB2 Chan9 Pedestal
Pedestal = -24.24
Noise StdDev = 1.22
Counts
ADC

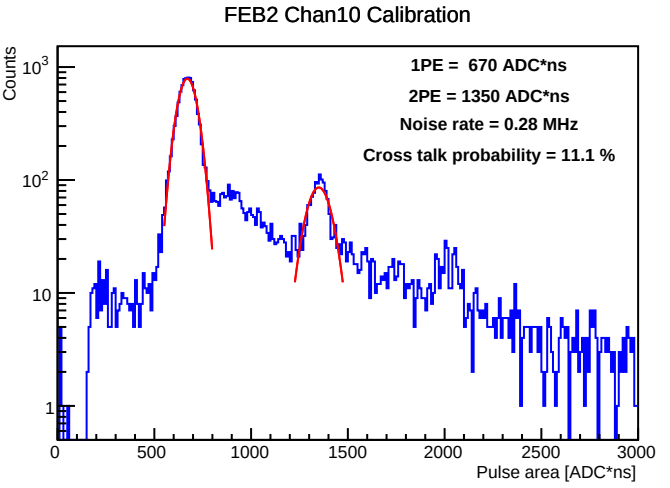

FEB2 Chan9 Calibration
1PE = 682 ADC*ns
2PE = 1361 ADC*ns
Noise rate = 0.25 MHz
Cross talk probability = 10.1 %
Counts
Pulse area [ADC*ns]

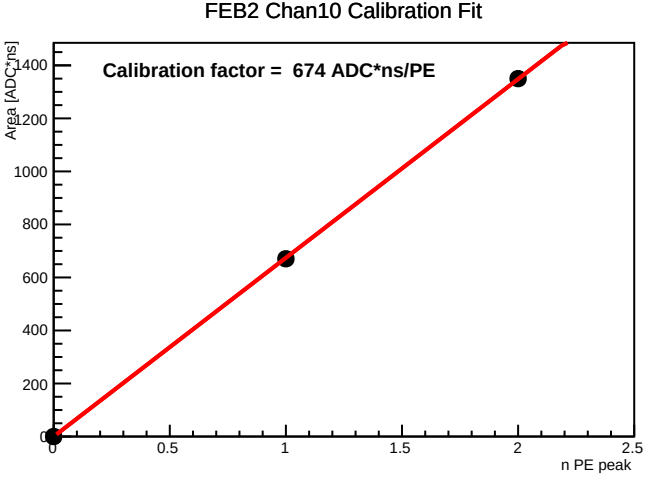

FEB2 Chan9 Calibration Fit
Calibration factor = 681 ADC*ns/PE
Area [ADC*ns]
n PE peak

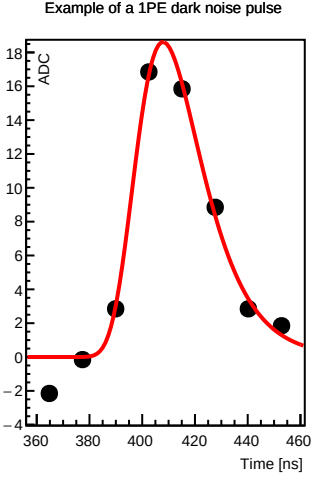

Example of a 1PE dark noise pulse
ADC
Time [ns]

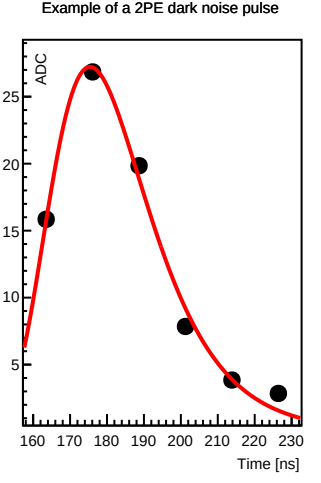

Example of a 2PE dark noise pulse
ADC
Time [ns]

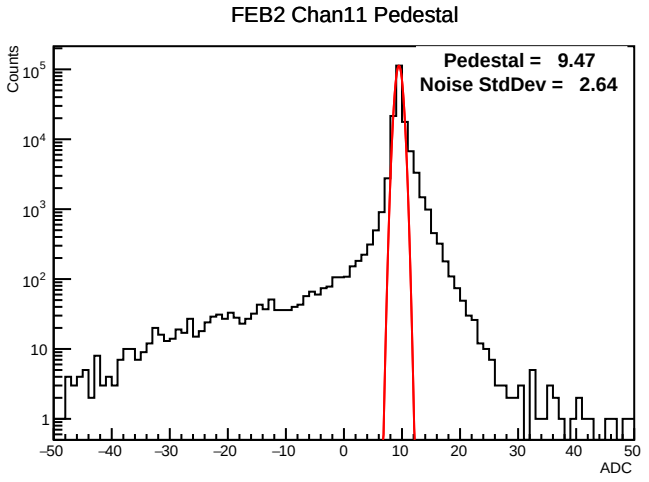

FEB2 Chan10 Pedestal
Pedestal = -13.85
Noise StdDev = 2.18
Counts
ADC

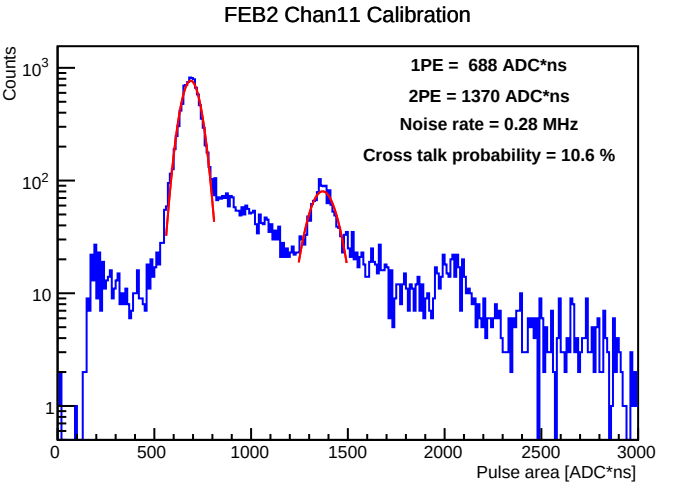

FEB2 Chan10 Calibration
1PE = 670 ADC*ns
2PE = 1350 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 11.1 %
Counts
Pulse area [ADC*ns]

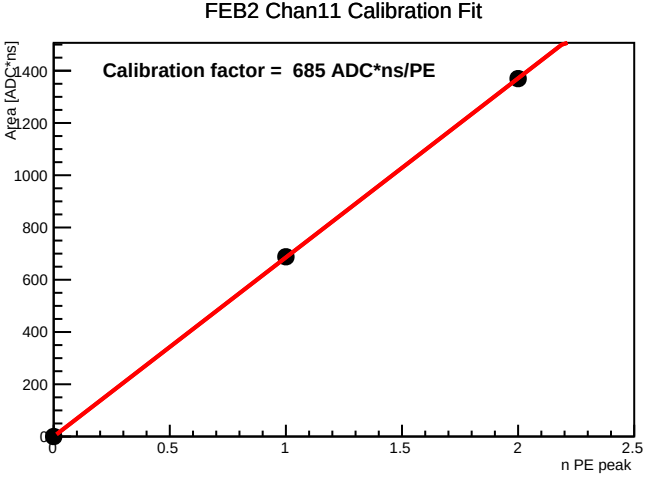

FEB2 Chan10 Calibration Fit
Calibration factor = 674 ADC*ns/PE
Area [ADC*ns]
n PE peak

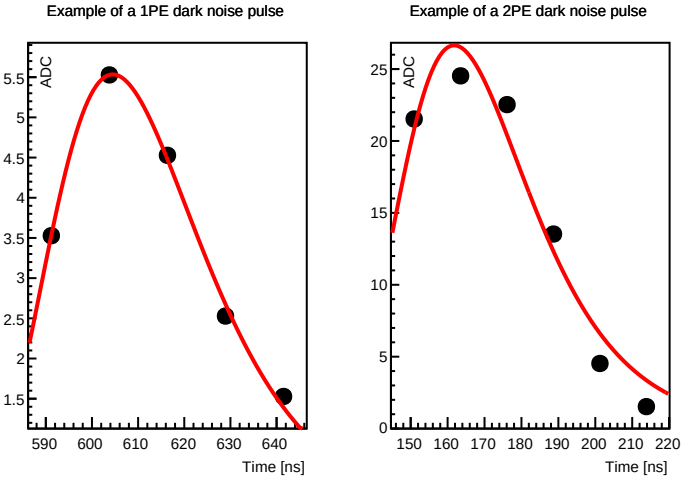

Example of a 1PE dark noise pulse
ADC
Time [ns]

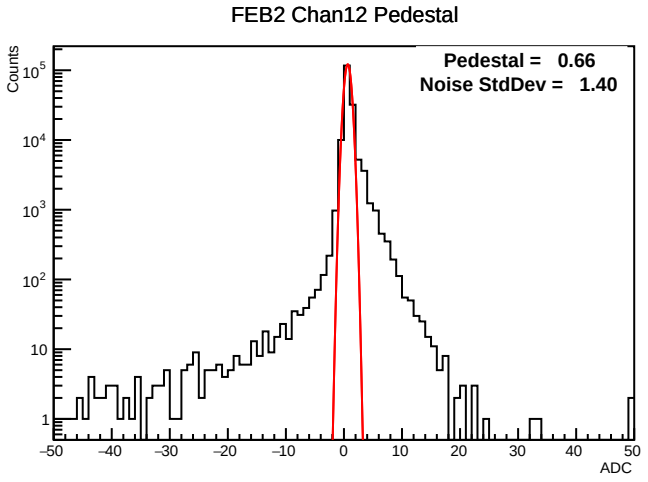

Example of a 2PE dark noise pulse
ADC
Time [ns]

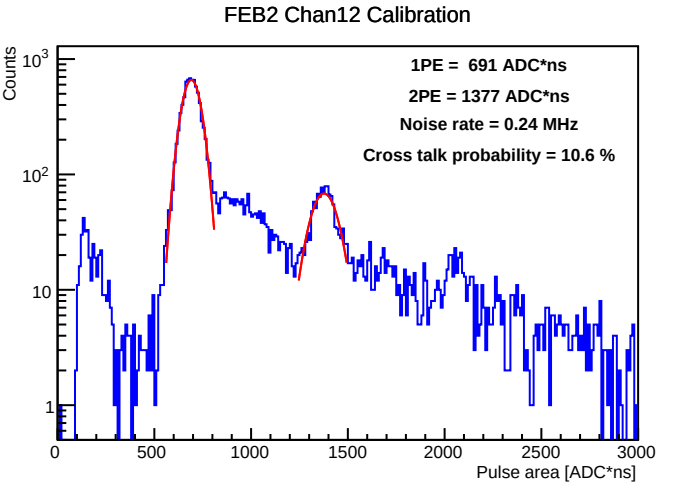

FEB2 Chan11 Pedestal
Pedestal = 9.47
Noise StdDev = 2.64
Counts
ADC

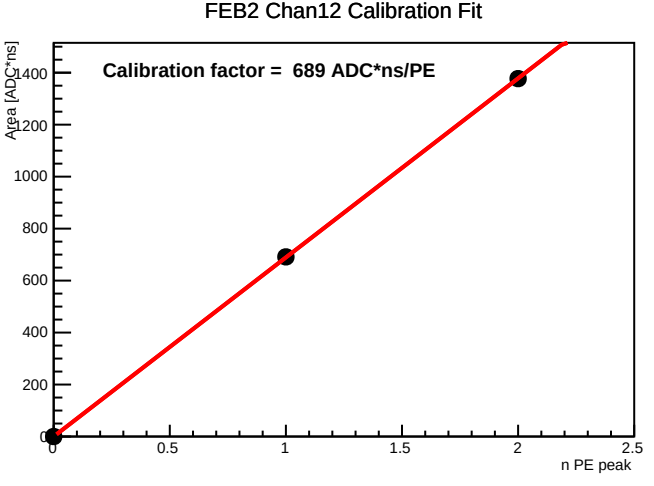

FEB2 Chan11 Calibration
1PE = 688 ADC*ns
2PE = 1370 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 10.6 %
Counts
Pulse area [ADC*ns]

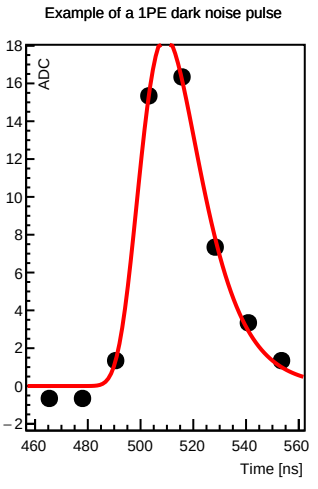

FEB2 Chan11 Calibration Fit
Calibration factor = 685 ADC*ns/PE
Area [ADC*ns]
n PE peak

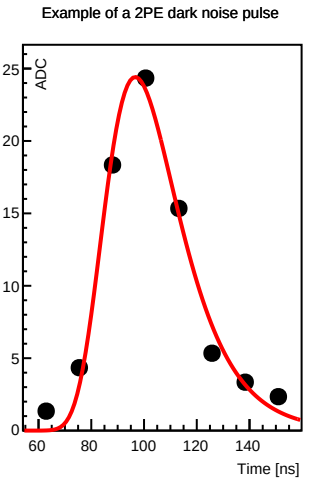

Example of a 1PE dark noise pulse
Example of a 2PE dark noise pulse
ADC
Time [ns]

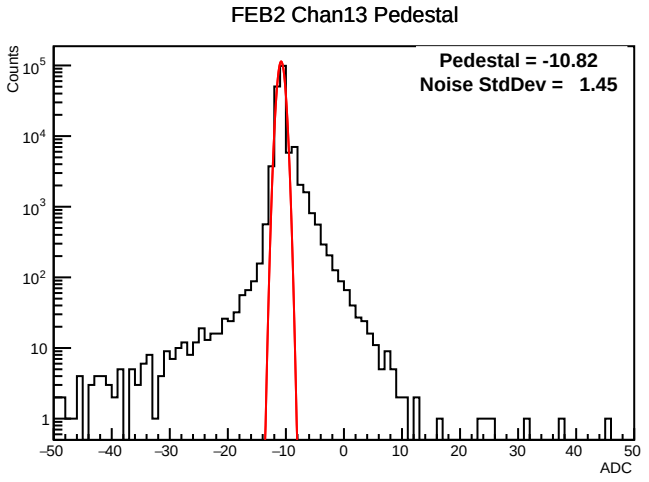

FEB2 Chan12 Pedestal
Pedestal = 0.66
Noise StdDev = 1.40
Counts
ADC

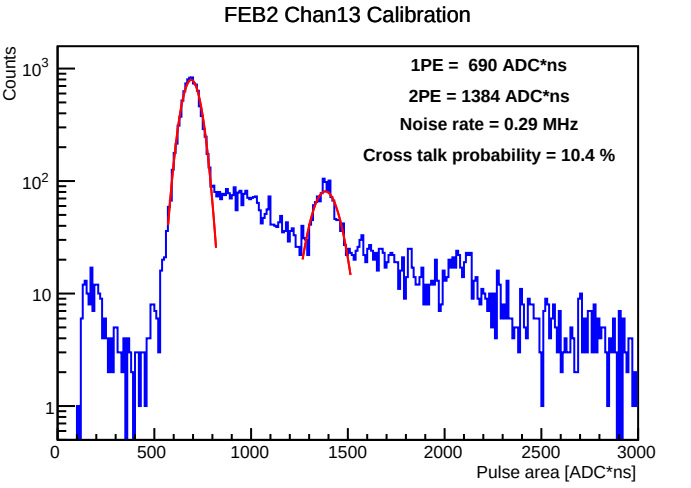

FEB2 Chan12 Calibration
1PE = 691 ADC*ns
2PE = 1377 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 10.6 %
Counts
Pulse area [ADC*ns]

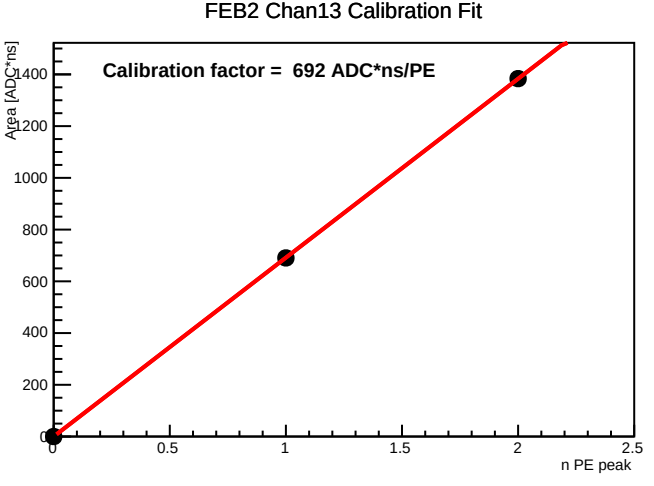

FEB2 Chan12 Calibration Fit
Calibration factor = 689 ADC*ns/PE
Area [ADC*ns]
n PE peak

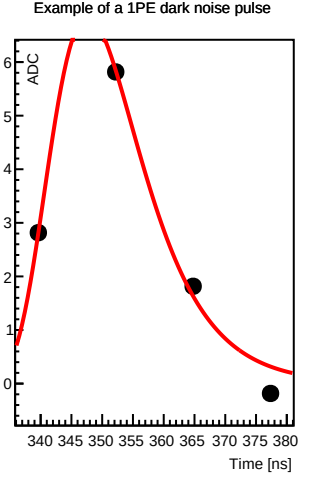

Example of a 1PE dark noise pulse
ADC
Time [ns]

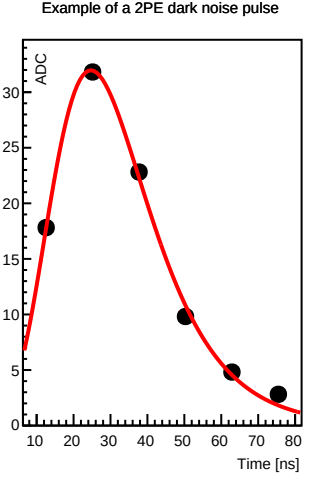

Example of a 2PE dark noise pulse
ADC
Time [ns]

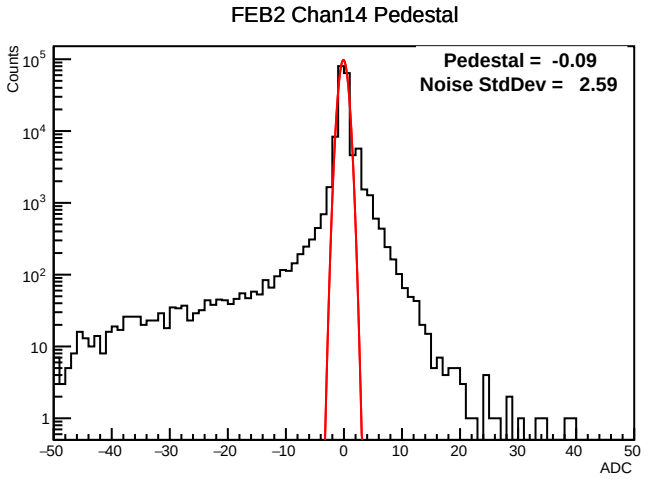

FEB2 Chan13 Pedestal
Pedestal = -10.82
Noise StdDev = 1.45
Counts
ADC

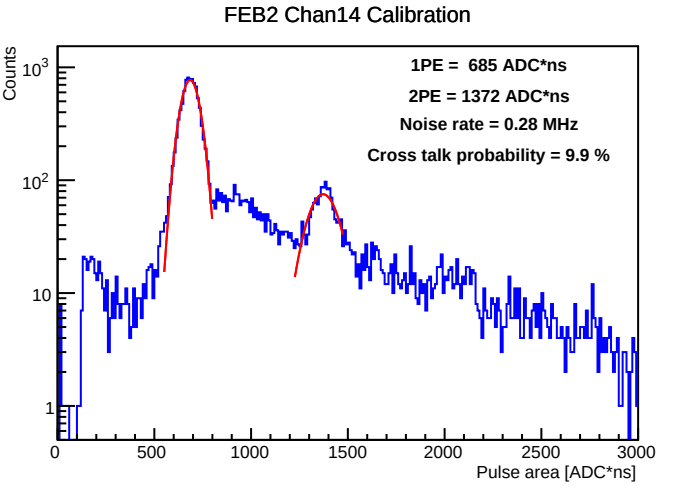

FEB2 Chan13 Calibration
1PE = 690 ADC*ns
2PE = 1384 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 10.4 %
Counts
Pulse area [ADC*ns]

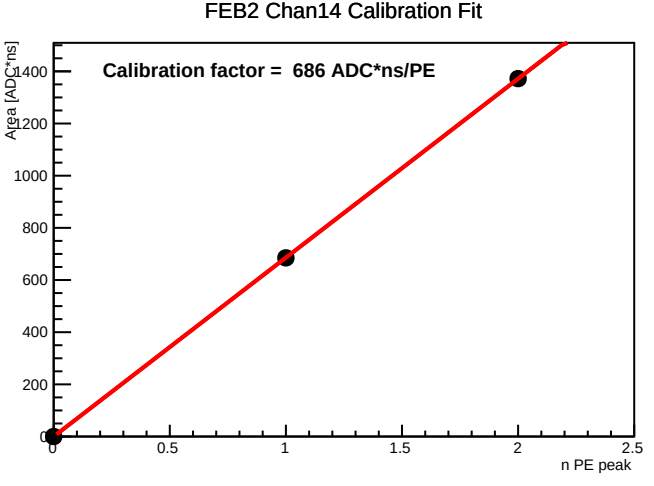

FEB2 Chan13 Calibration Fit
Calibration factor = 692 ADC*ns/PE
Area [ADC*ns]
n PE peak

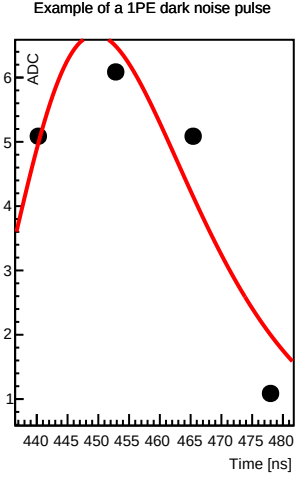

Example of a 1PE dark noise pulse
ADC
Time [ns]

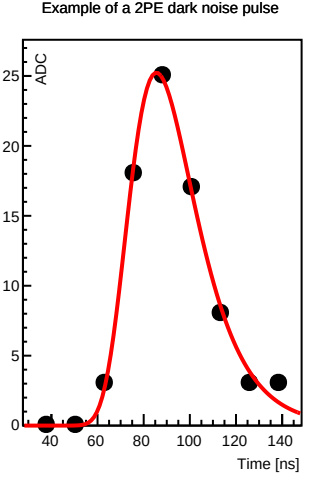

Example of a 2PE dark noise pulse
ADC
Time [ns]

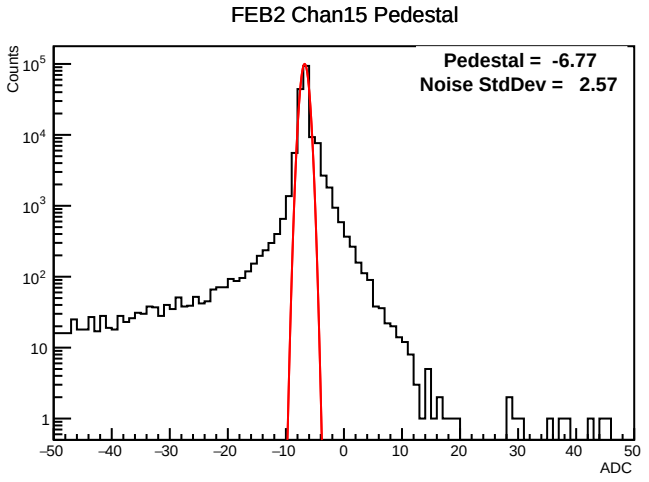

FEB2 Chan14 Pedestal
Pedestal = -0.09
Noise StdDev = 2.59
Counts
ADC

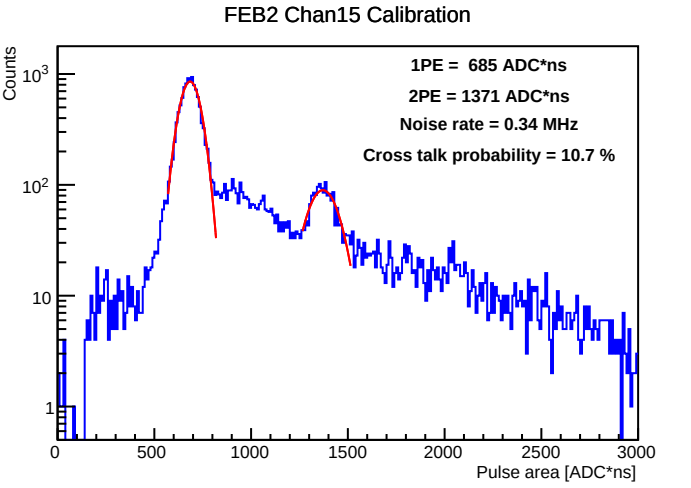

FEB2 Chan14 Calibration
1PE = 685 ADC*ns
2PE = 1372 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 9.9 %
Counts
Pulse area [ADC*ns]

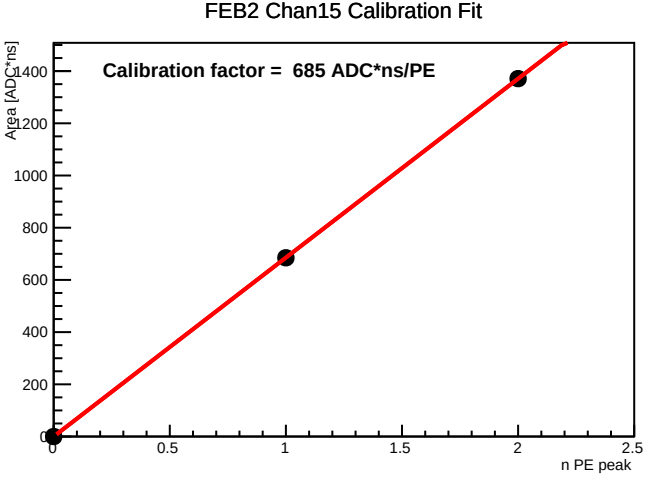

FEB2 Chan14 Calibration Fit
Calibration factor = 686 ADC*ns/PE
Area [ADC*ns]
n PE peak

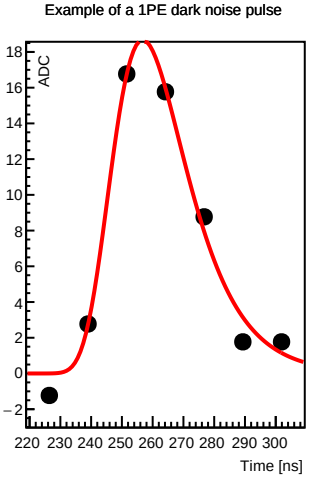

Example of a 1PE dark noise pulse
ADC
Time [ns]

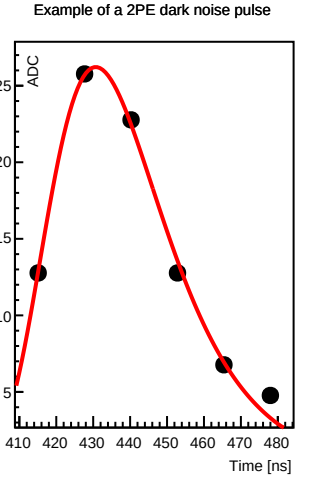

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB2 Chan15 Pedestal
Pedestal = -6.77
Noise StdDev = 2.57
Counts
ADC


FEB2 Chan15 Calibration
1PE = 685 ADC*ns
2PE = 1371 ADC*ns
Noise rate = 0.34 MHz
Cross talk probability = 10.7 %
Counts
Pulse area [ADC*ns]


FEB2 Chan15 Calibration Fit
Calibration factor = 685 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]