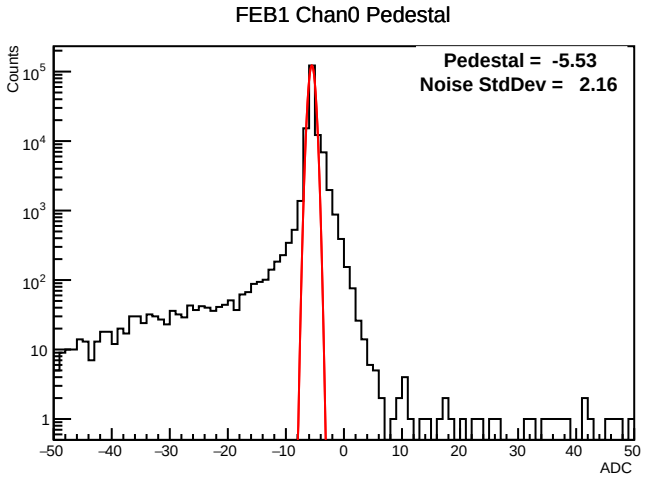
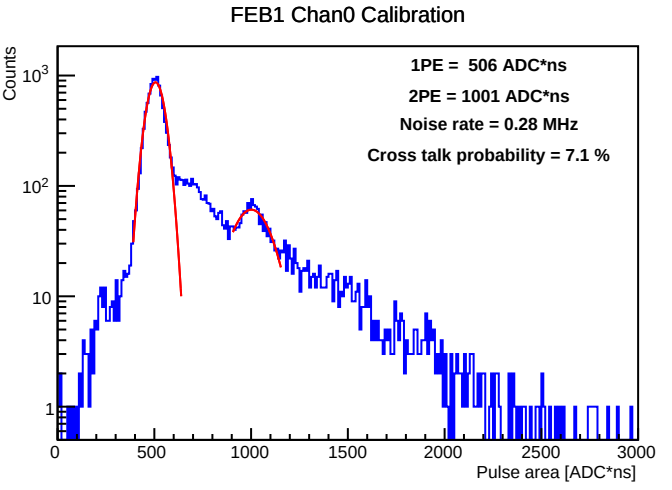
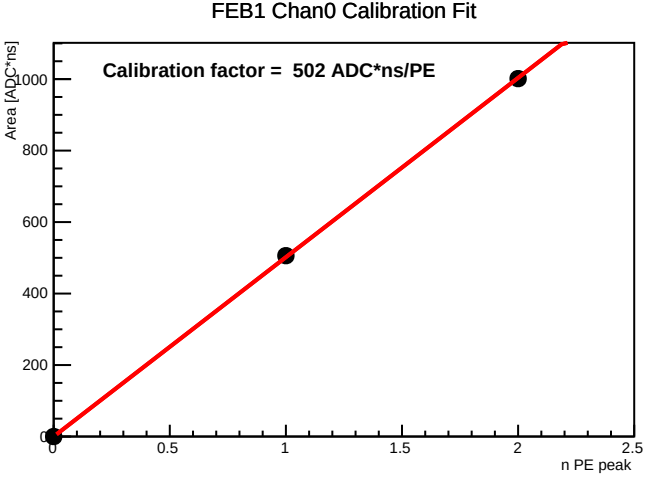
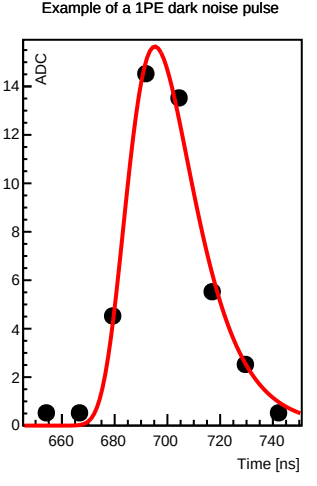
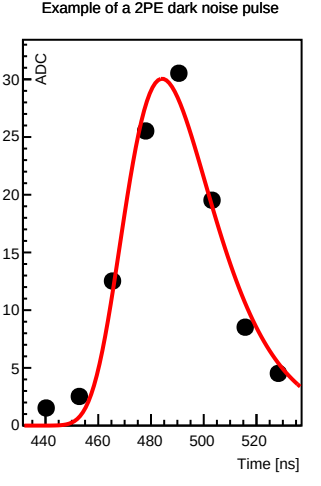
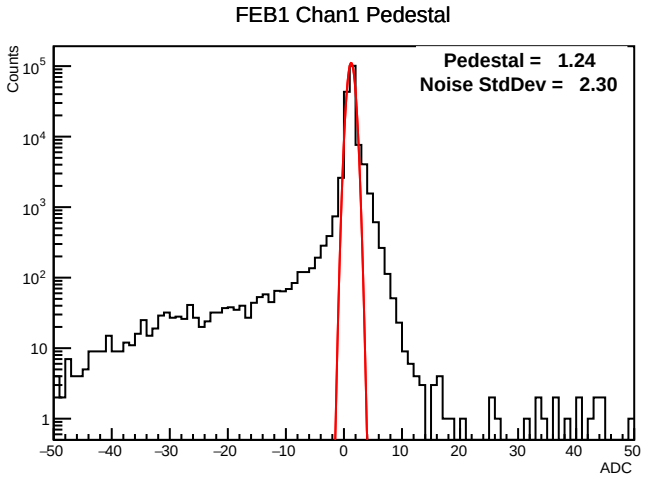

FEB1 Chan0 Pedestal
Pedestal = -5.53
Noise StdDev = 2.16
Counts
ADC

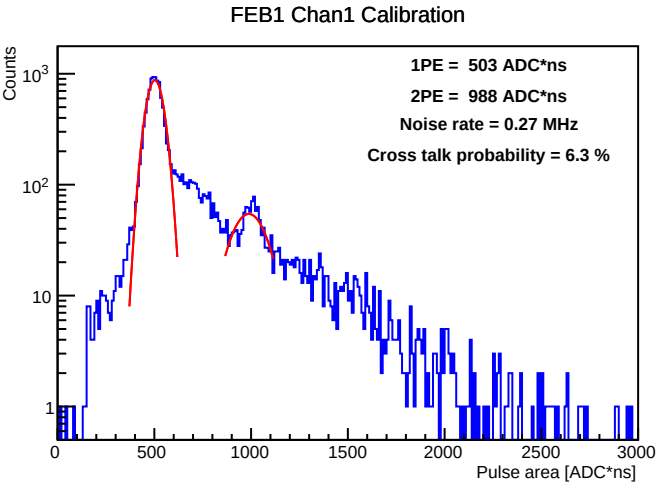

FEB1 Chan0 Calibration
1PE = 506 ADC*ns
2PE = 1001 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 7.1 %
Counts
Pulse area [ADC*ns]

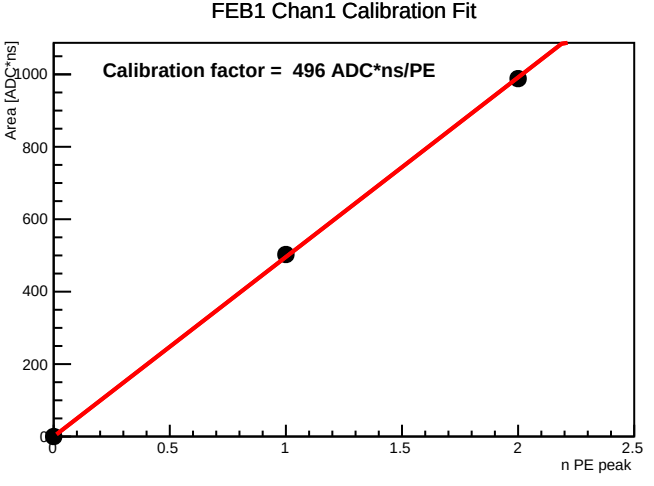

FEB1 Chan0 Calibration Fit
Calibration factor = 502 ADC*ns/PE
Area [ADC*ns]
n PE peak

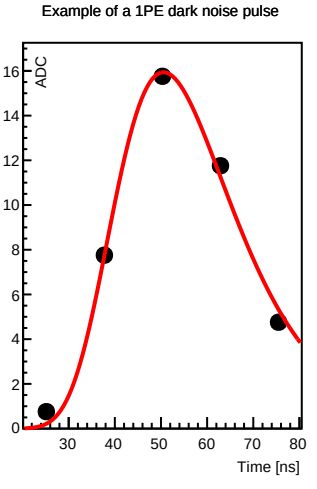

Example of a 1PE dark noise pulse
ADC
Time [ns]

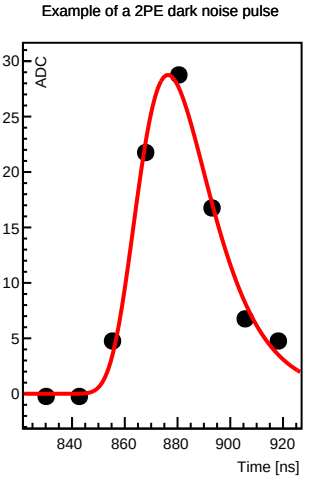

Example of a 2PE dark noise pulse
ADC
Time [ns]

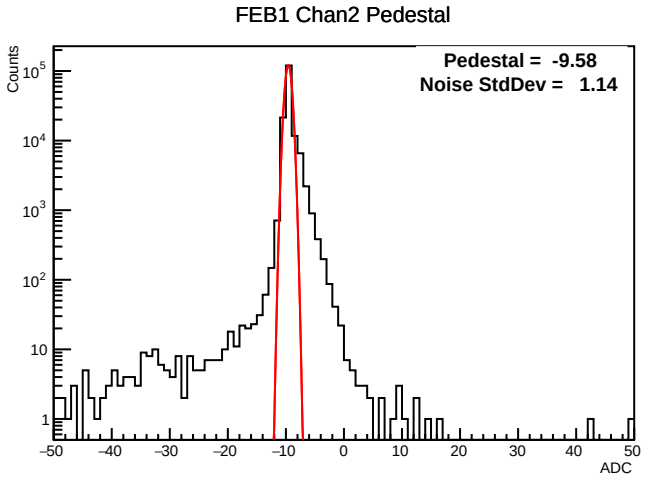

FEB1 Chan1 Pedestal
Pedestal = 1.24
Noise StdDev = 2.30
Counts
ADC

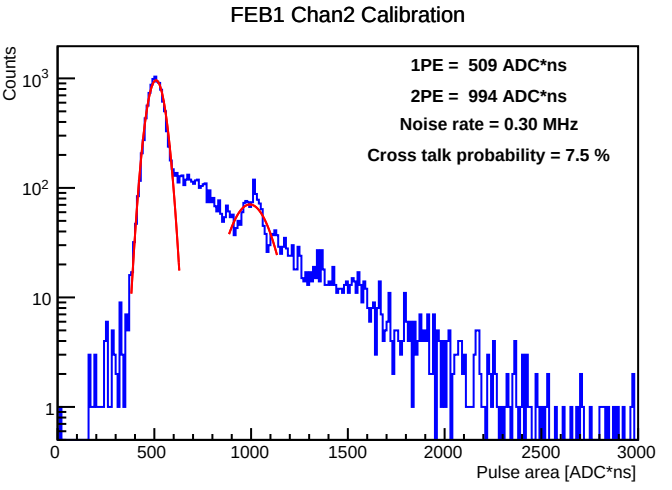

FEB1 Chan1 Calibration
1PE = 503 ADC*ns
2PE = 988 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 6.3 %
Counts
Pulse area [ADC*ns]

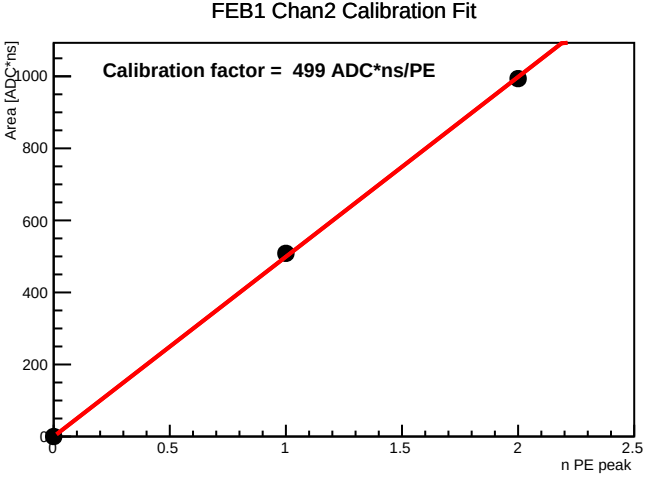

FEB1 Chan1 Calibration Fit
Calibration factor = 496 ADC*ns/PE
Area [ADC*ns]
n PE peak

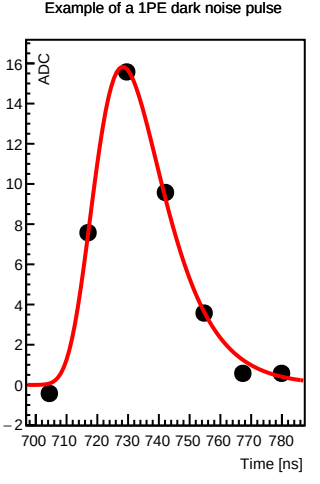

Example of a 1PE dark noise pulse
ADC
Time [ns]

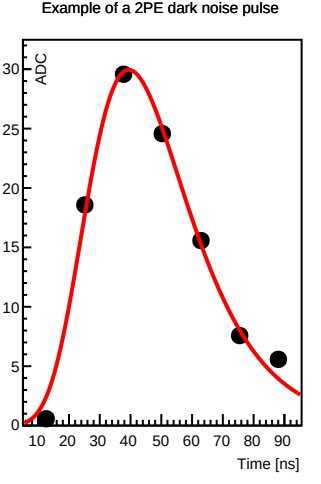

Example of a 2PE dark noise pulse
ADC
Time [ns]

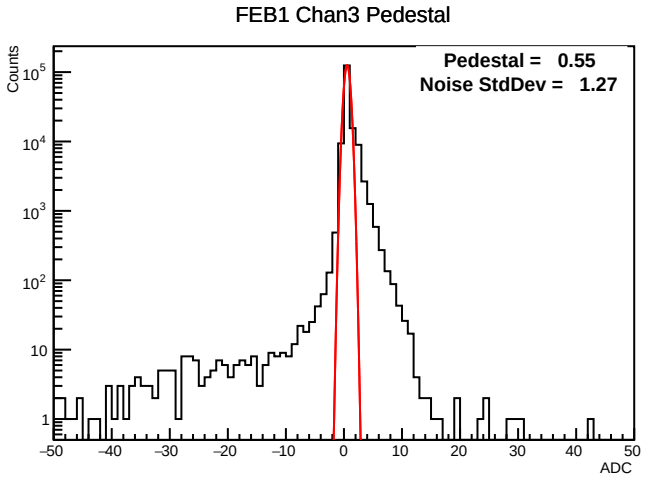

FEB1 Chan2 Pedestal
Pedestal = -9.58
Noise StdDev = 1.14
Counts
ADC

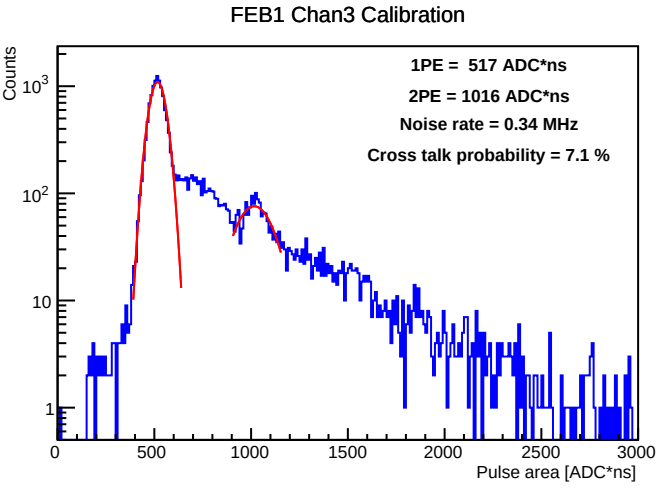

FEB1 Chan2 Calibration
1PE = 509 ADC*ns
2PE = 994 ADC*ns
Noise rate = 0.30 MHz
Cross talk probability = 7.5 %
Counts
Pulse area [ADC*ns]

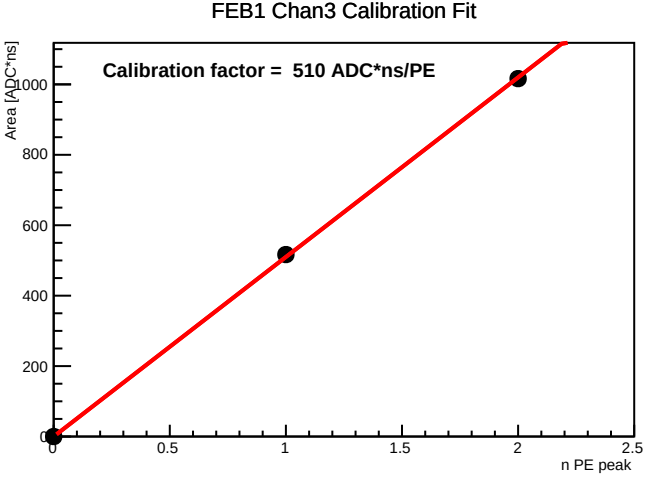

FEB1 Chan2 Calibration Fit
Calibration factor = 499 ADC*ns/PE
Area [ADC*ns]
n PE peak

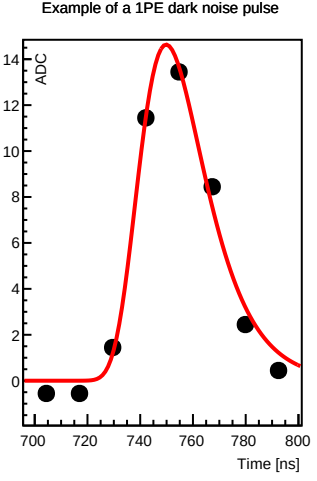

Example of a 1PE dark noise pulse
ADC
Time [ns]

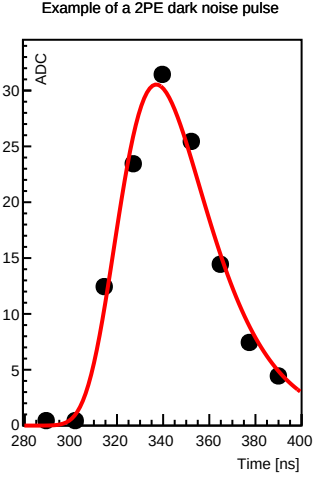

Example of a 2PE dark noise pulse
ADC
Time [ns]

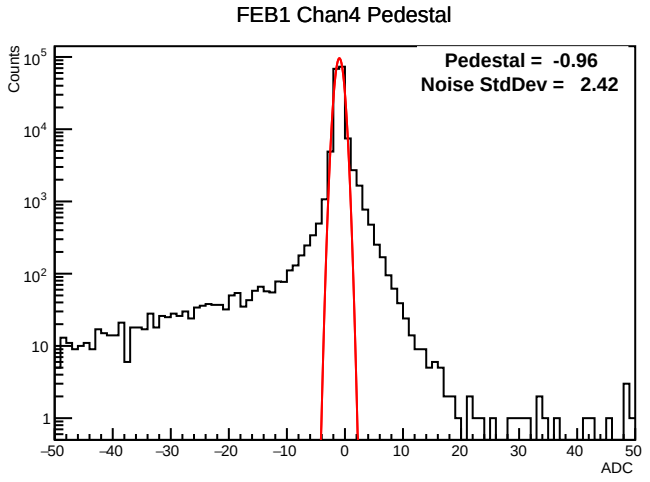

FEB1 Chan3 Pedestal
Pedestal = 0.55
Noise StdDev = 1.27
Counts
ADC

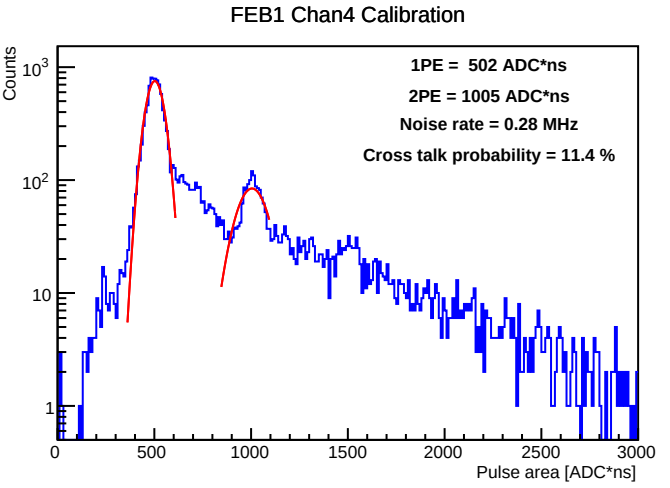

FEB1 Chan3 Calibration
1PE = 517 ADC*ns
2PE = 1016 ADC*ns
Noise rate = 0.34 MHz
Cross talk probability = 7.1 %
Counts
Pulse area [ADC*ns]

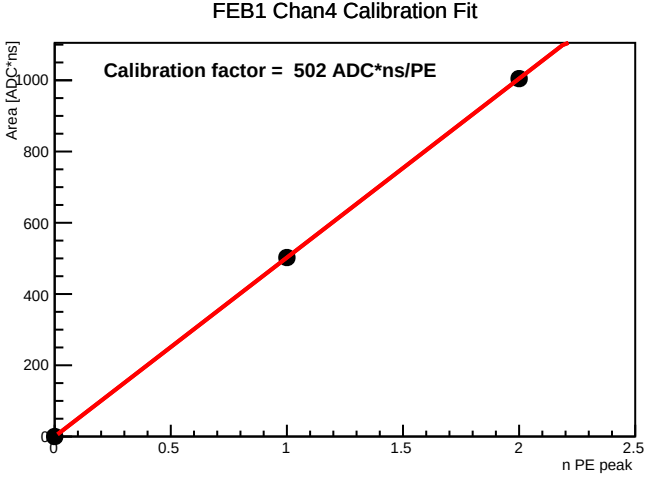

FEB1 Chan3 Calibration Fit
Calibration factor = 510 ADC*ns/PE
Area [ADC*ns]
n PE peak

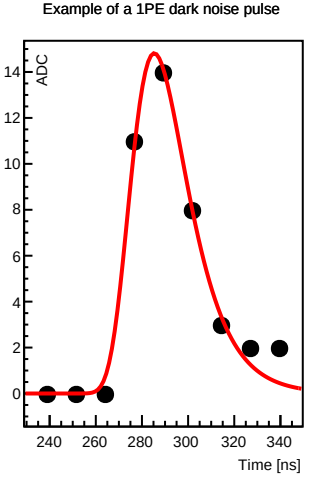

Example of a 1PE dark noise pulse
ADC
Time [ns]

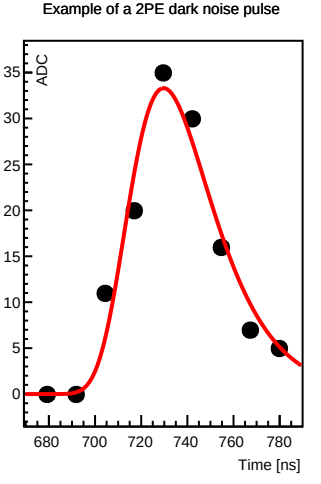

Example of a 2PE dark noise pulse
ADC
Time [ns]

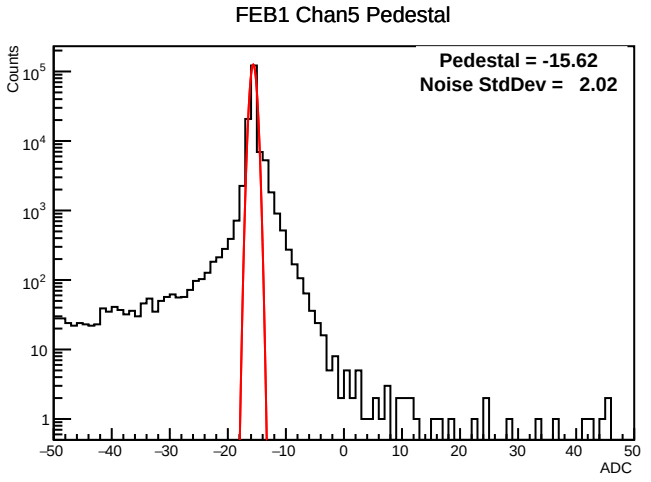

FEB1 Chan4 Pedestal
Pedestal = -0.96
Noise StdDev = 2.42
Counts
ADC

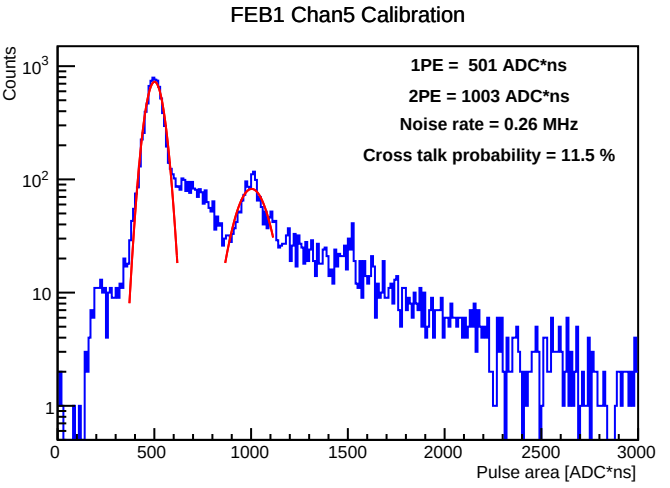

FEB1 Chan4 Calibration
1PE = 502 ADC*ns
2PE = 1005 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 11.4 %
Counts
Pulse area [ADC*ns]

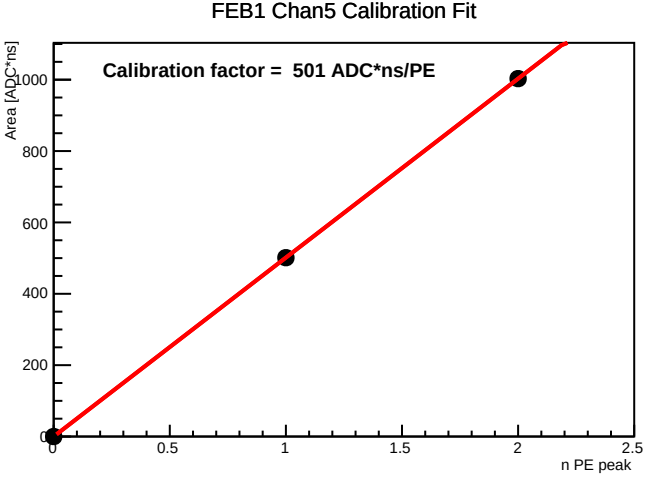

FEB1 Chan4 Calibration Fit
Calibration factor = 502 ADC*ns/PE
Area [ADC*ns]
n PE peak

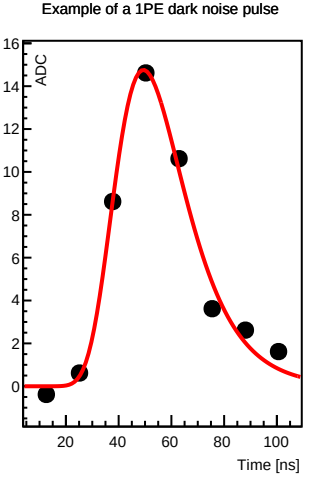

Example of a 1PE dark noise pulse
ADC
Time [ns]

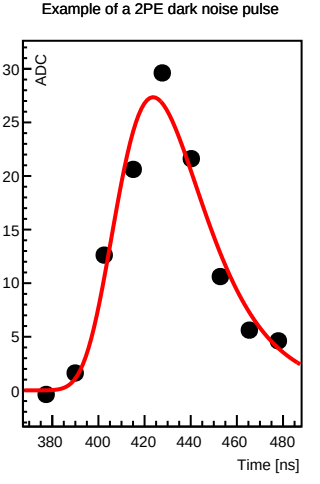

Example of a 2PE dark noise pulse
ADC
Time [ns]

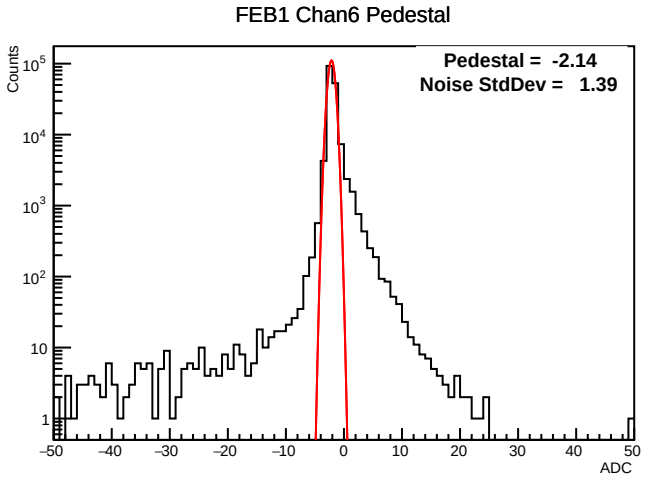

FEB1 Chan5 Pedestal
Pedestal = -15.62
Noise StdDev = 2.02
Counts
ADC

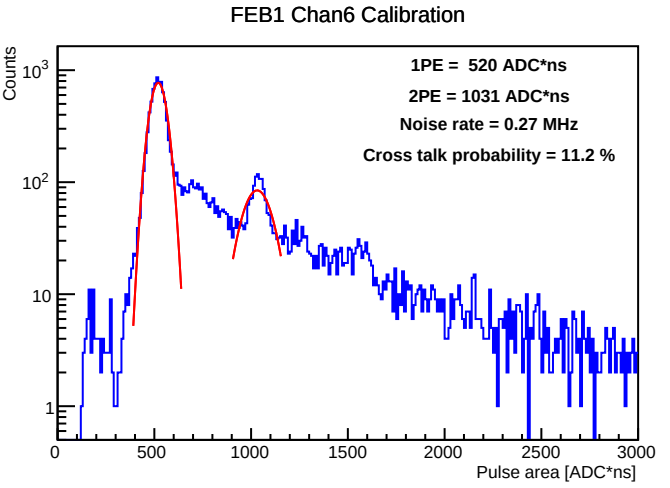

FEB1 Chan5 Calibration
1PE = 501 ADC*ns
2PE = 1003 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 11.5 %
Counts
Pulse area [ADC*ns]

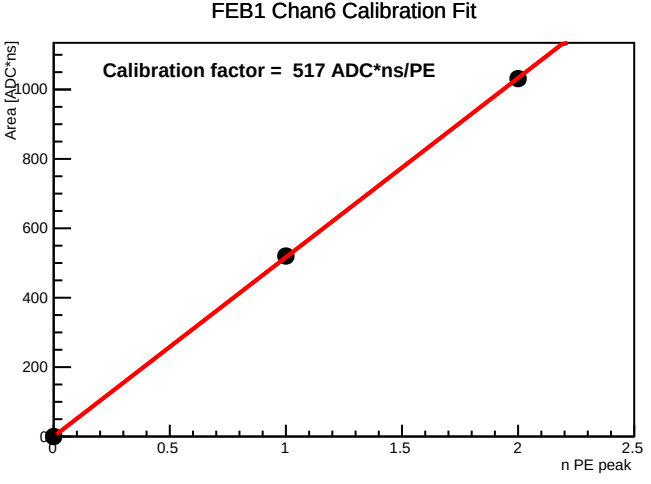

FEB1 Chan5 Calibration Fit
Calibration factor = 501 ADC*ns/PE
Area [ADC*ns]
n PE peak

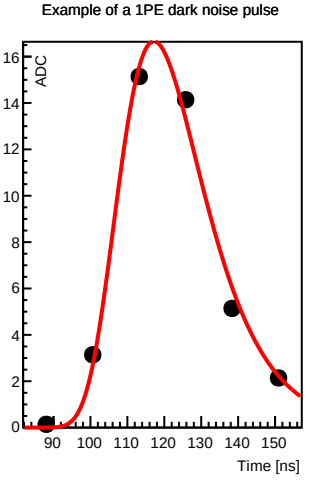

Example of a 1PE dark noise pulse
ADC
Time [ns]

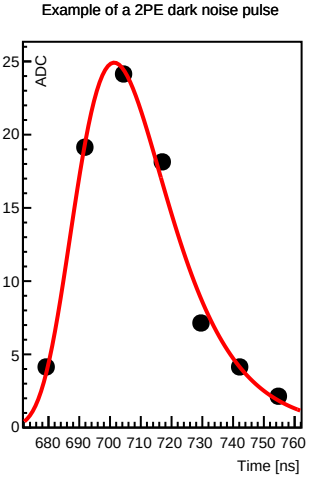

Example of a 2PE dark noise pulse
ADC
Time [ns]

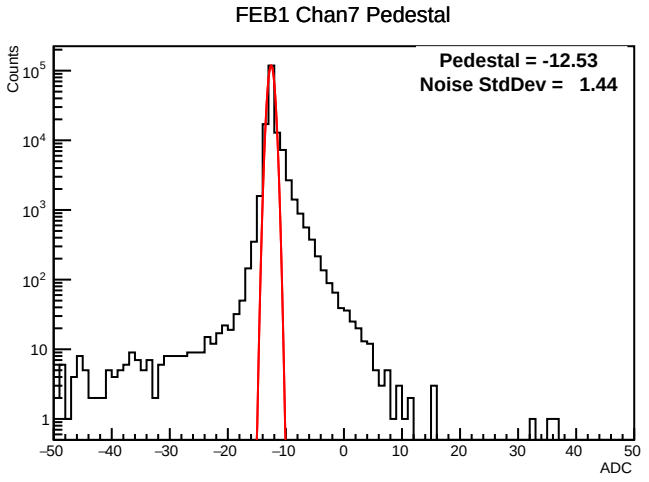

FEB1 Chan6 Pedestal
Pedestal = -2.14
Noise StdDev = 1.39
Counts
ADC

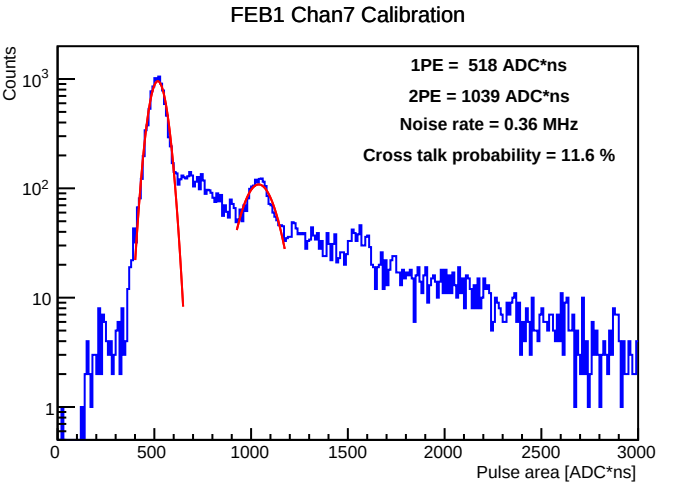

FEB1 Chan6 Calibration
1PE = 520 ADC*ns
2PE = 1031 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 11.2 %
Counts
Pulse area [ADC*ns]

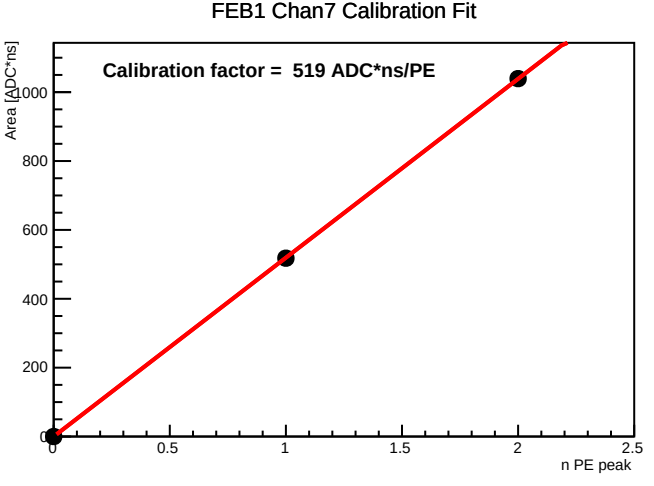

FEB1 Chan6 Calibration Fit
Calibration factor = 517 ADC*ns/PE
Area [ADC*ns]
n PE peak

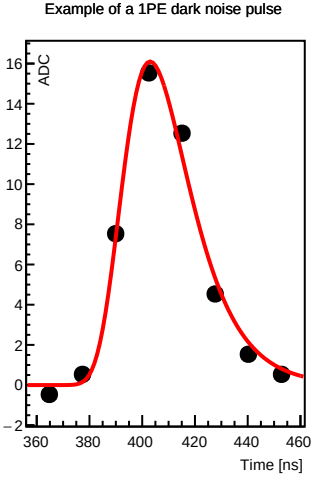

Example of a 1PE dark noise pulse
ADC
Time [ns]

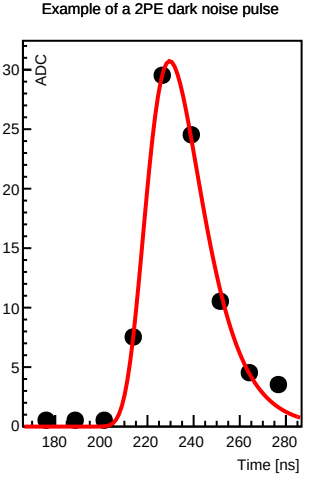

Example of a 2PE dark noise pulse
ADC
Time [ns]

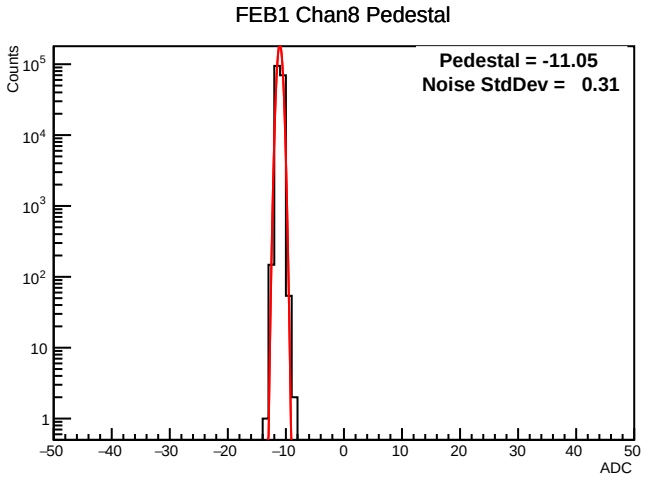

FEB1 Chan7 Pedestal
Pedestal = -12.53
Noise StdDev = 1.44
Counts
ADC

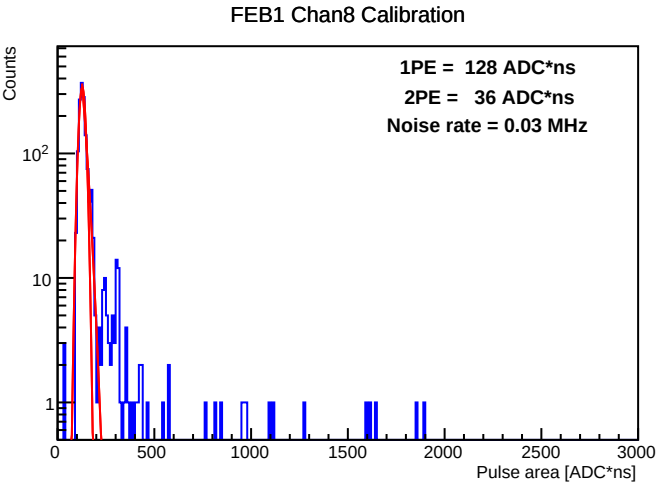

FEB1 Chan7 Calibration
1PE = 518 ADC*ns
2PE = 1039 ADC*ns
Noise rate = 0.36 MHz
Cross talk probability = 11.6 %
Counts
Pulse area [ADC*ns]

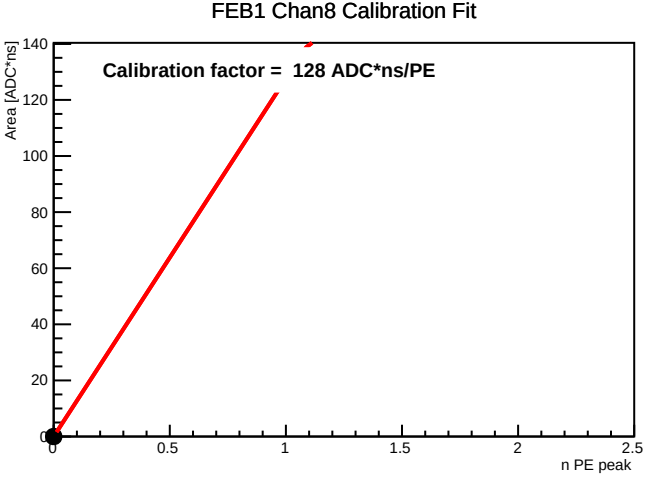

FEB1 Chan7 Calibration Fit
Calibration factor = 519 ADC*ns/PE
Area [ADC*ns]
n PE peak

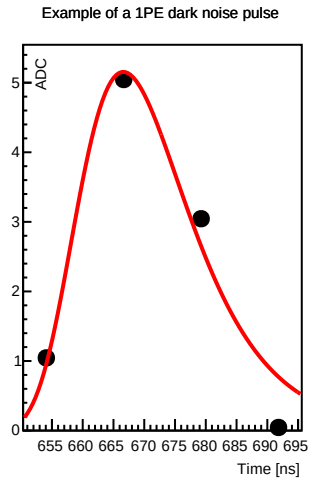

Example of a 1PE dark noise pulse
ADC
Time [ns]

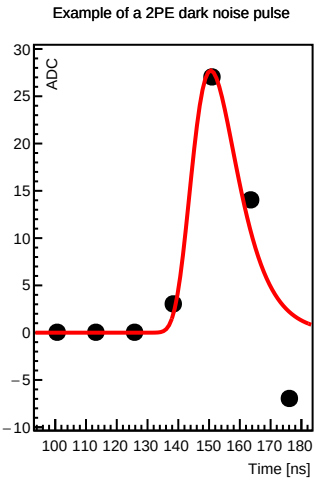

Example of a 2PE dark noise pulse
ADC
Time [ns]

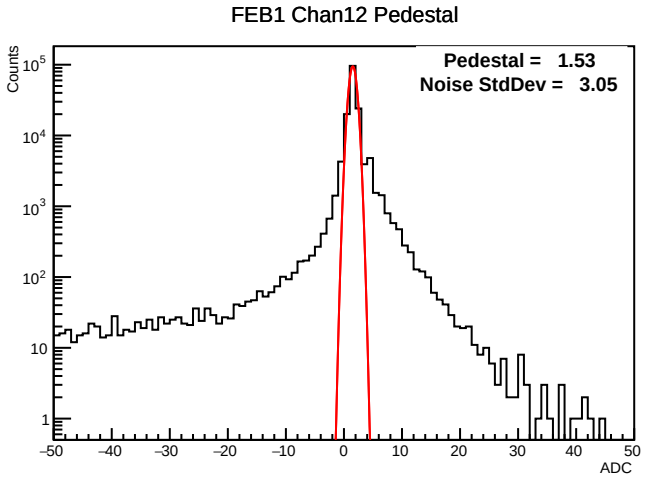

FEB1 Chan8 Pedestal
Pedestal = -11.05
Noise StdDev = 0.31
Counts
ADC

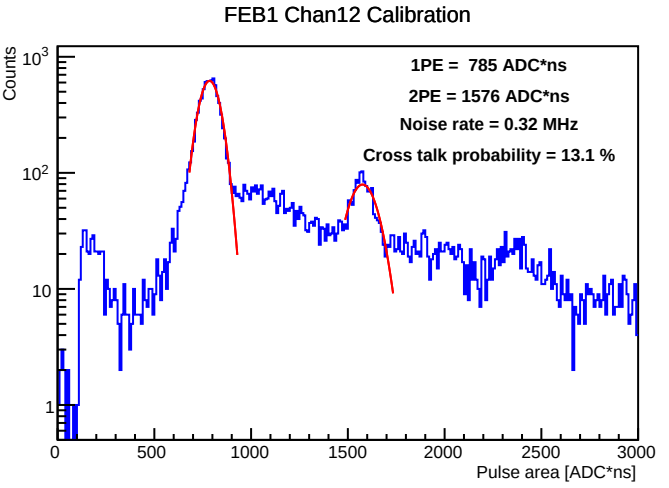

FEB1 Chan8 Calibration
1PE = 128 ADC*ns
2PE = 36 ADC*ns
Noise rate = 0.03 MHz
Counts
Pulse area [ADC*ns]

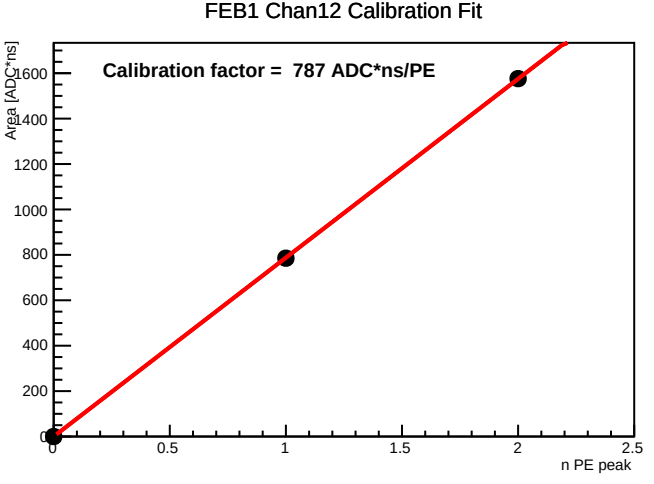

FEB1 Chan8 Calibration Fit
Calibration factor = 128 ADC*ns/PE
Area [ADC*ns]
n PE peak

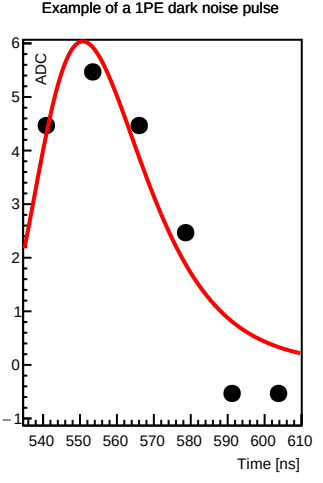

Example of a 1PE dark noise pulse
ADC
Time [ns]

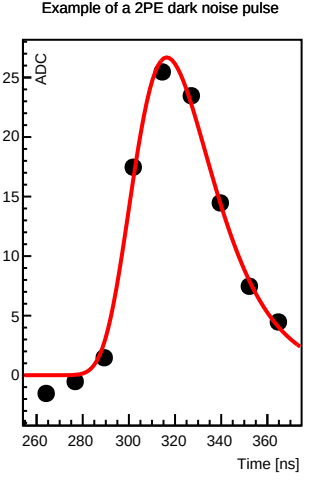

Example of a 2PE dark noise pulse
ADC
Time [ns]

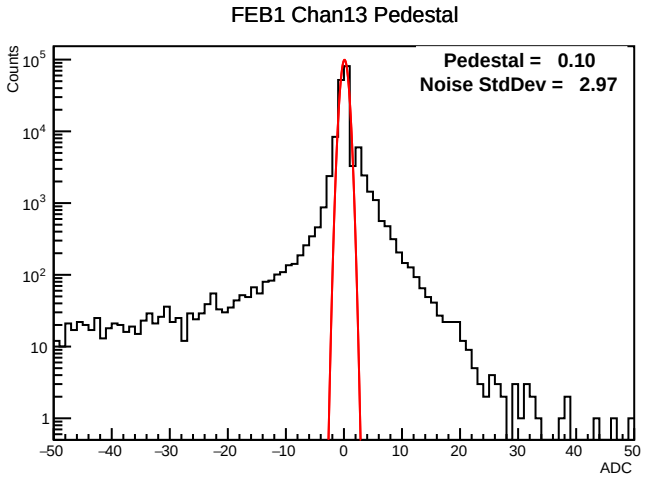

FEB1 Chan12 Pedestal
Pedestal = 1.53
Noise StdDev = 3.05
Counts
ADC

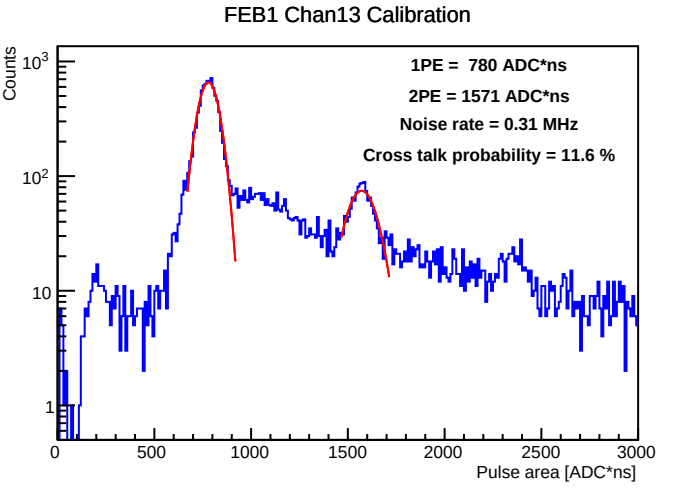

FEB1 Chan12 Calibration
1PE = 785 ADC*ns
2PE = 1576 ADC*ns
Noise rate = 0.32 MHz
Cross talk probability = 13.1 %
Counts
Pulse area [ADC*ns]

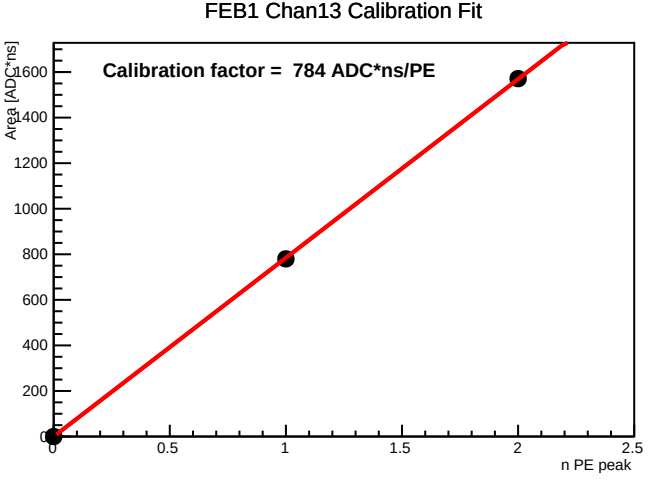

FEB1 Chan12 Calibration Fit
Calibration factor = 787 ADC*ns/PE
Area [ADC*ns]
n PE peak

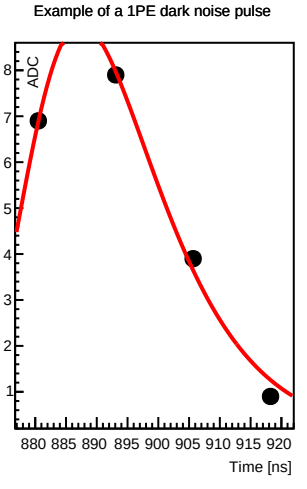

Example of a 1PE dark noise pulse
ADC
Time [ns]

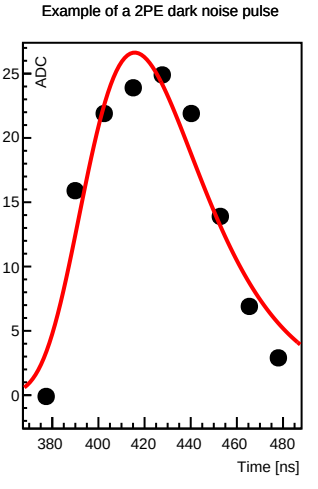

Example of a 2PE dark noise pulse
ADC
Time [ns]

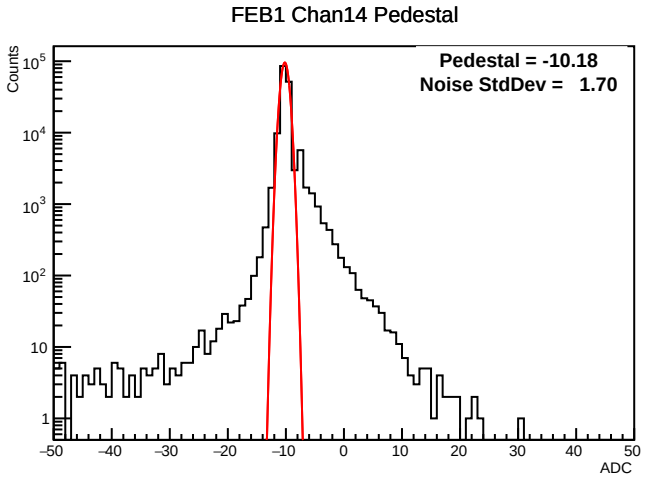

FEB1 Chan13 Pedestal
Pedestal = 0.10
Noise StdDev = 2.97
Counts
ADC

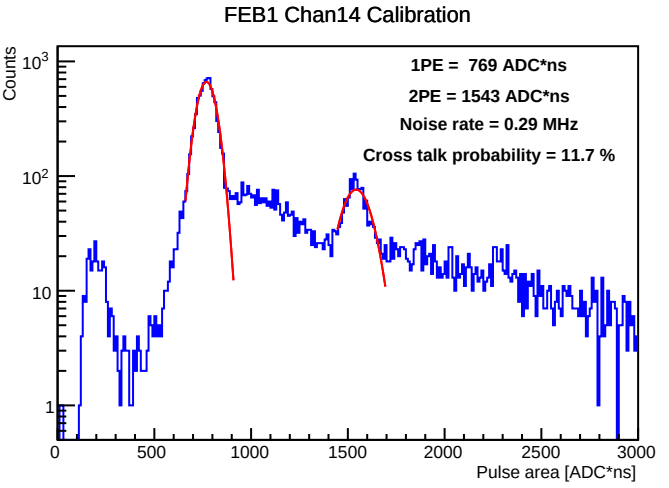

FEB1 Chan13 Calibration
1PE = 780 ADC*ns
2PE = 1571 ADC*ns
Noise rate = 0.31 MHz
Cross talk probability = 11.6 %
Counts
Pulse area [ADC*ns]

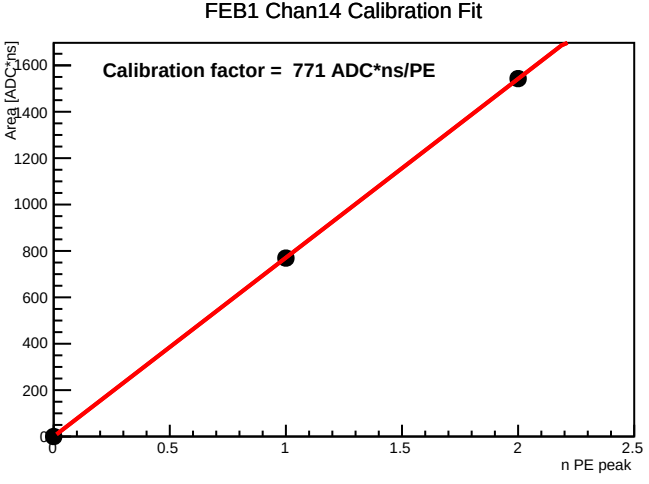

FEB1 Chan13 Calibration Fit
Calibration factor = 784 ADC*ns/PE
Area [ADC*ns]
n PE peak

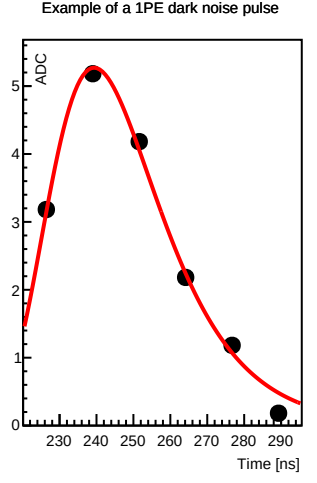

Example of a 1PE dark noise pulse
ADC
Time [ns]

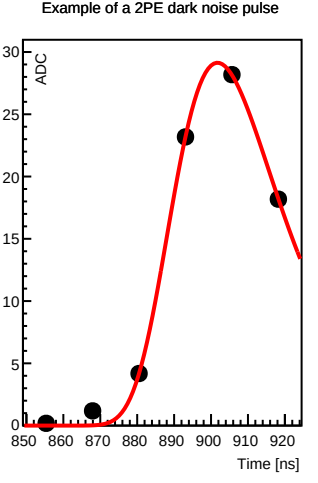

Example of a 2PE dark noise pulse
ADC
Time [ns]

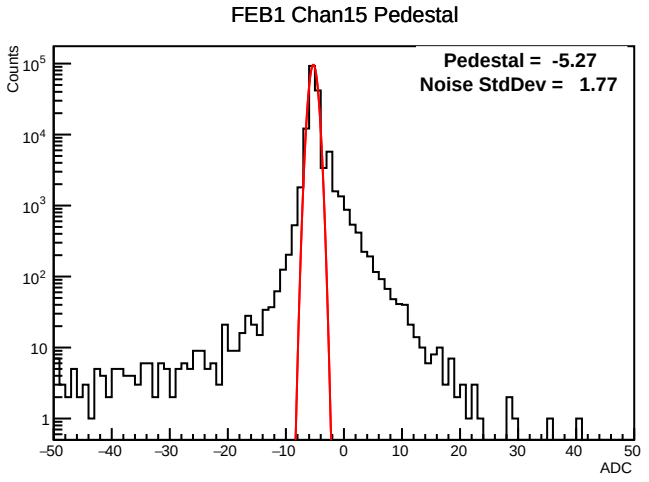

FEB1 Chan14 Pedestal
Pedestal = -10.18
Noise StdDev = 1.70
Counts
ADC

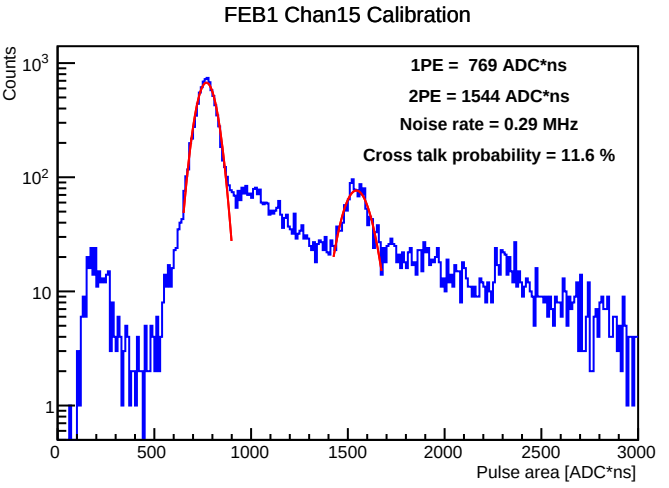

FEB1 Chan14 Calibration
1PE = 769 ADC*ns
2PE = 1543 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 11.7 %
Counts
Pulse area [ADC*ns]

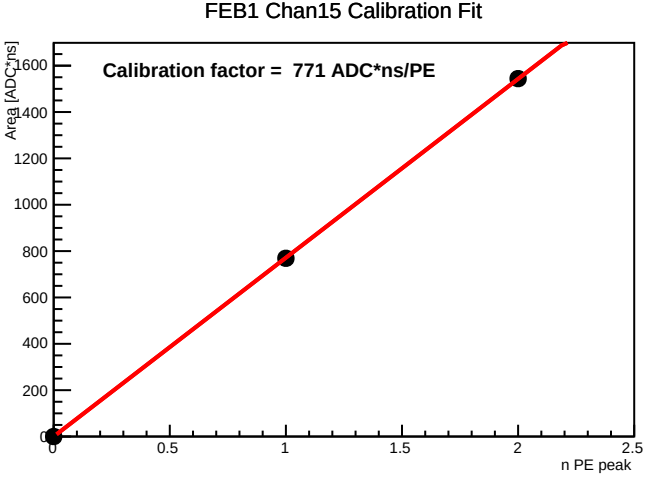

FEB1 Chan14 Calibration Fit
Calibration factor = 771 ADC*ns/PE
Area [ADC*ns]
n PE peak

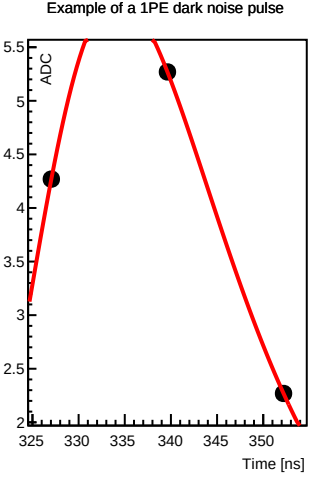

Example of a 1PE dark noise pulse
ADC
Time [ns]

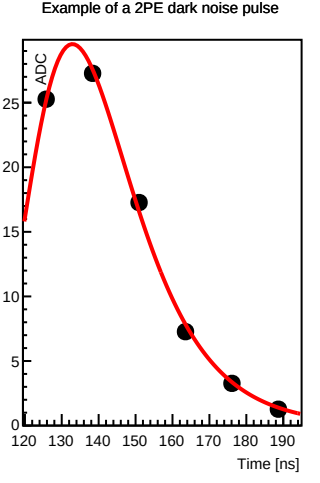

Example of a 2PE dark noise pulse
ADC
Time [ns]

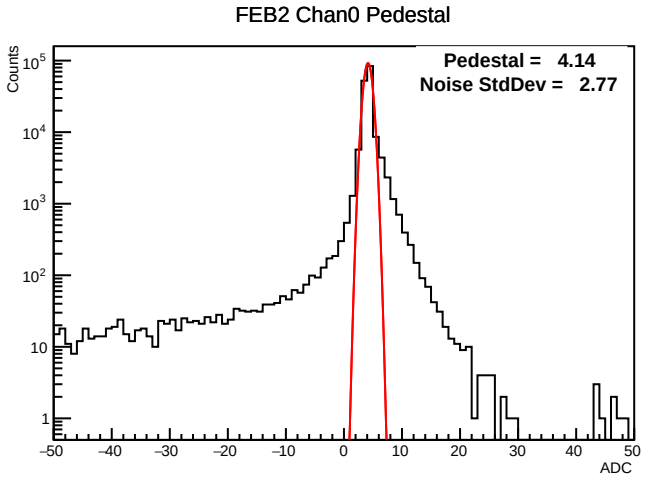

FEB1 Chan15 Pedestal
Pedestal = -5.27
Noise StdDev = 1.77
Counts
ADC

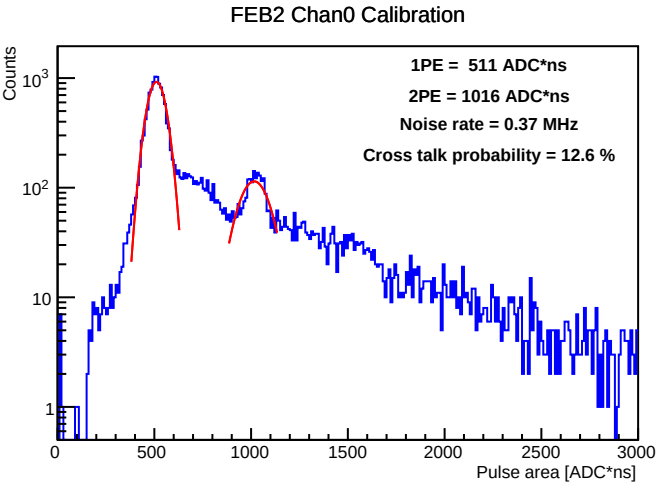

FEB1 Chan15 Calibration
1PE = 769 ADC*ns
2PE = 1544 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 11.6 %
Counts
Pulse area [ADC*ns]

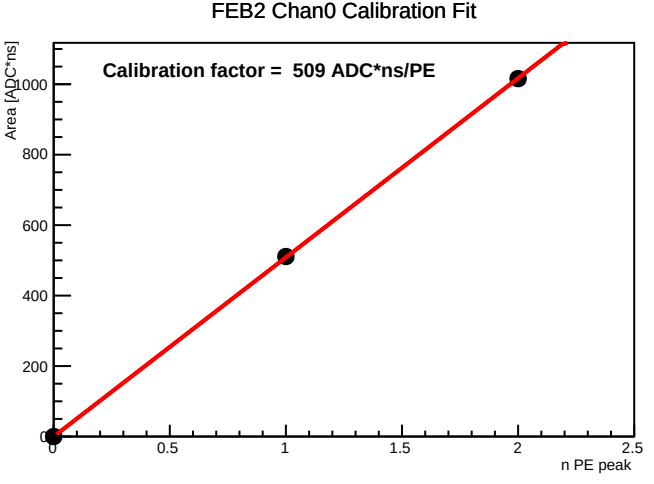

FEB1 Chan15 Calibration Fit
Calibration factor = 771 ADC*ns/PE
Area [ADC*ns]
n PE peak

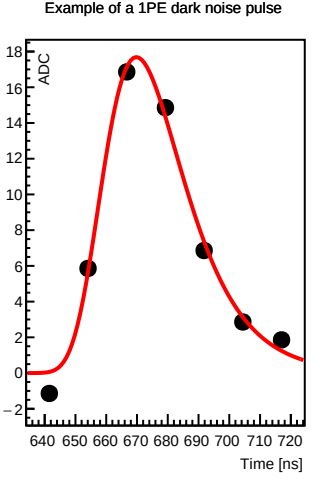

Example of a 1PE dark noise pulse
ADC
Time [ns]

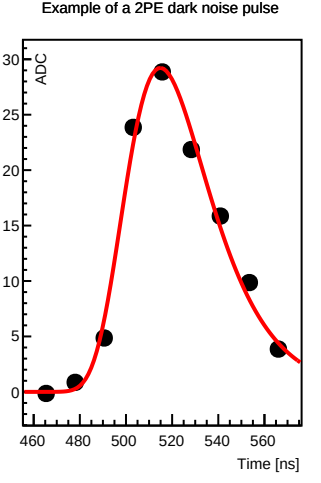

Example of a 2PE dark noise pulse
ADC
Time [ns]

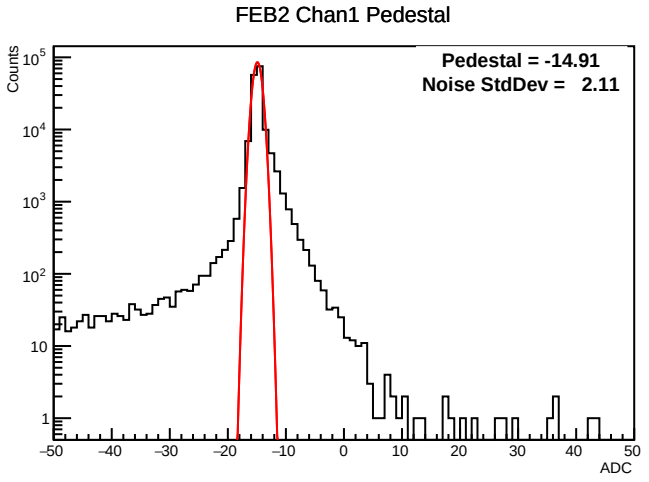

FEB2 Chan0 Pedestal
Pedestal = 4.14
Noise StdDev = 2.77
Counts
ADC

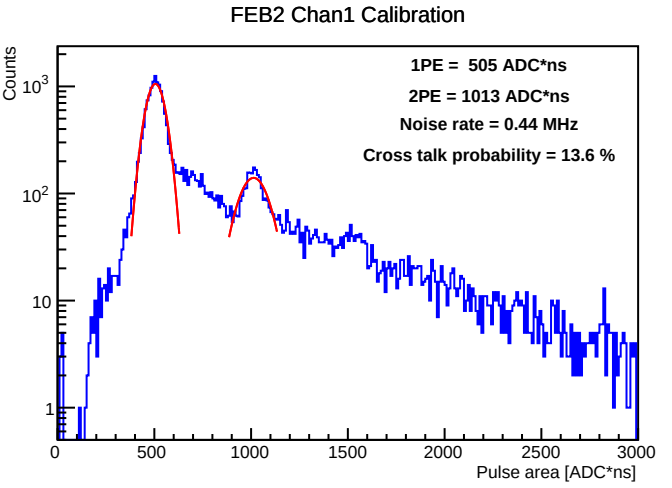

FEB2 Chan0 Calibration
1PE = 511 ADC*ns
2PE = 1016 ADC*ns
Noise rate = 0.37 MHz
Cross talk probability = 12.6 %
Counts
Pulse area [ADC*ns]

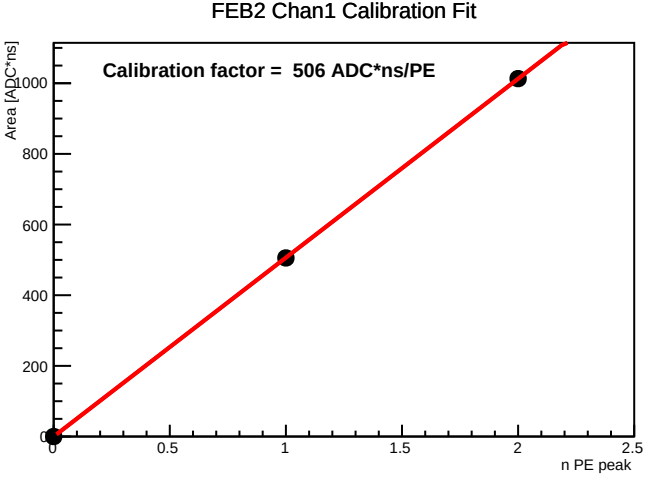

FEB2 Chan0 Calibration Fit
Calibration factor = 509 ADC*ns/PE
Area [ADC*ns]
n PE peak

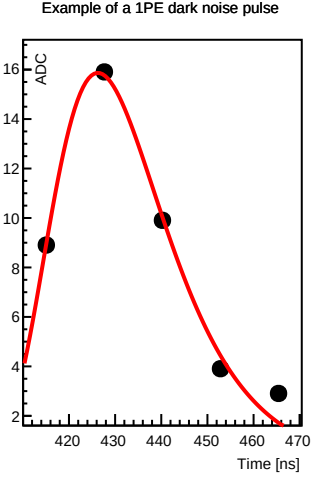

Example of a 1PE dark noise pulse
ADC
Time [ns]

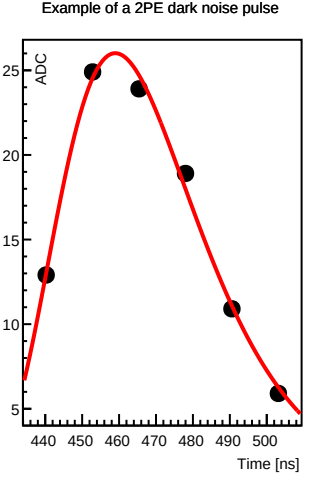

Example of a 2PE dark noise pulse
ADC
Time [ns]

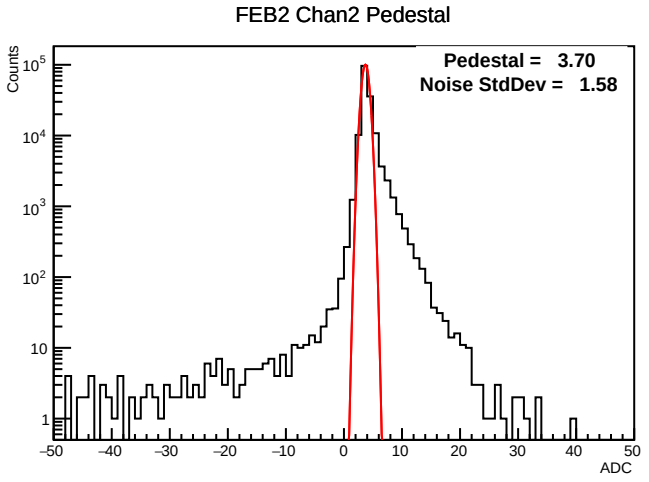

FEB2 Chan1 Pedestal
Pedestal = -14.91
Noise StdDev = 2.11
Counts
ADC

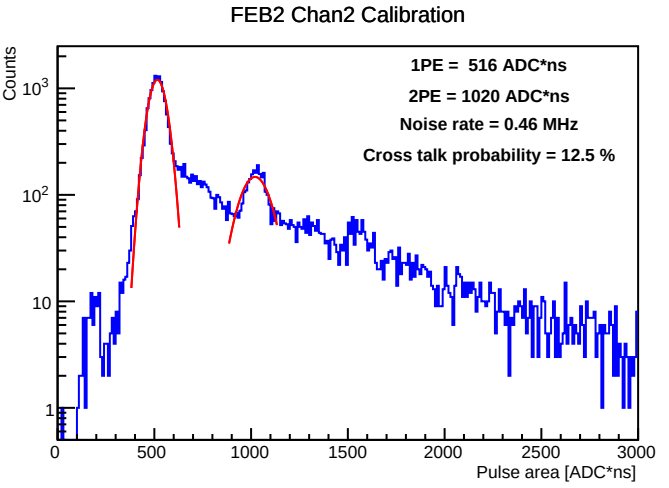

FEB2 Chan1 Calibration
1PE = 505 ADC*ns
2PE = 1013 ADC*ns
Noise rate = 0.44 MHz
Cross talk probability = 13.6 %
Counts
Pulse area [ADC*ns]

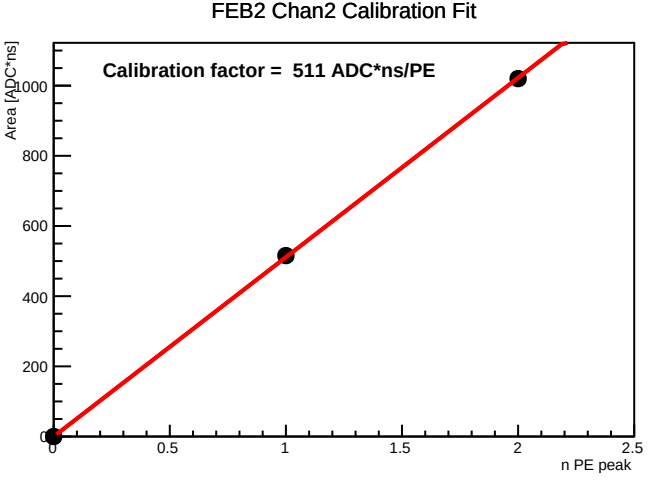

FEB2 Chan1 Calibration Fit
Calibration factor = 506 ADC*ns/PE
Area [ADC*ns]
n PE peak

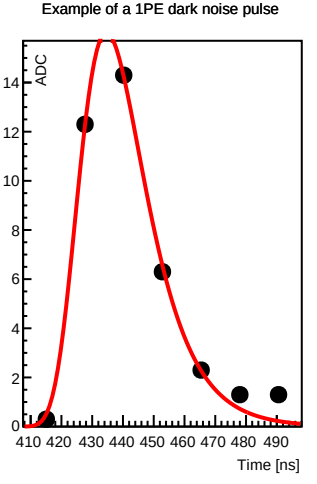

Example of a 1PE dark noise pulse
ADC
Time [ns]

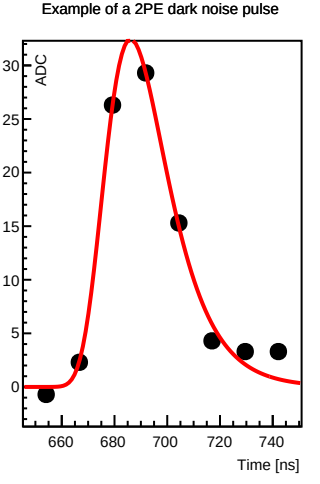

Example of a 2PE dark noise pulse
ADC
Time [ns]

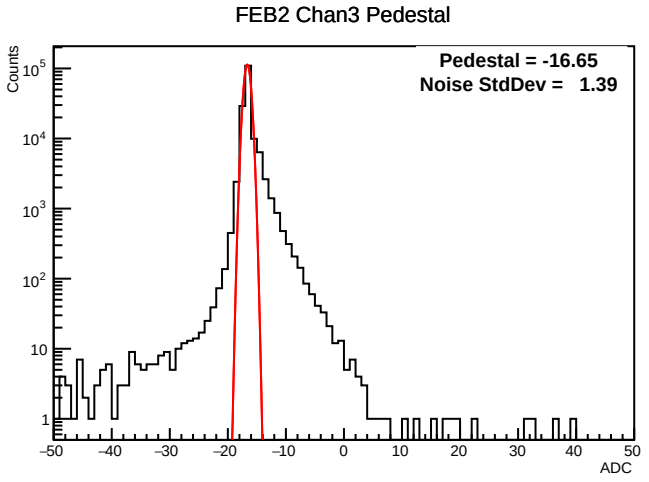

FEB2 Chan2 Pedestal
Pedestal = 3.70
Noise StdDev = 1.58
Counts
ADC

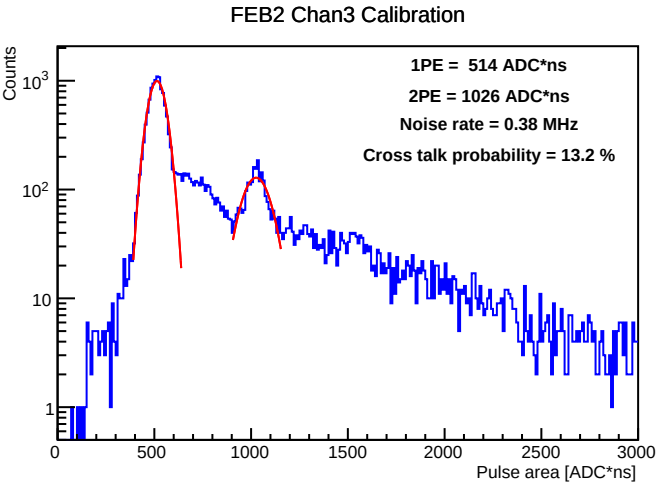

FEB2 Chan2 Calibration
1PE = 516 ADC*ns
2PE = 1020 ADC*ns
Noise rate = 0.46 MHz
Cross talk probability = 12.5 %
Counts
Pulse area [ADC*ns]

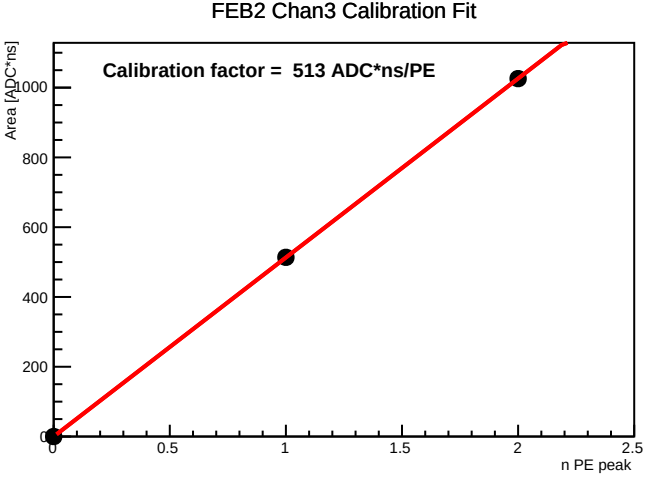

FEB2 Chan2 Calibration Fit
Calibration factor = 511 ADC*ns/PE
Area [ADC*ns]
n PE peak

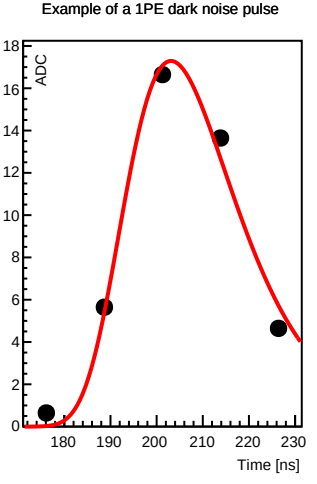

Example of a 1PE dark noise pulse
ADC
Time [ns]

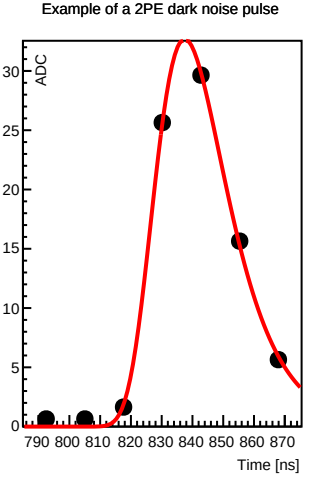

Example of a 2PE dark noise pulse
ADC
Time [ns]

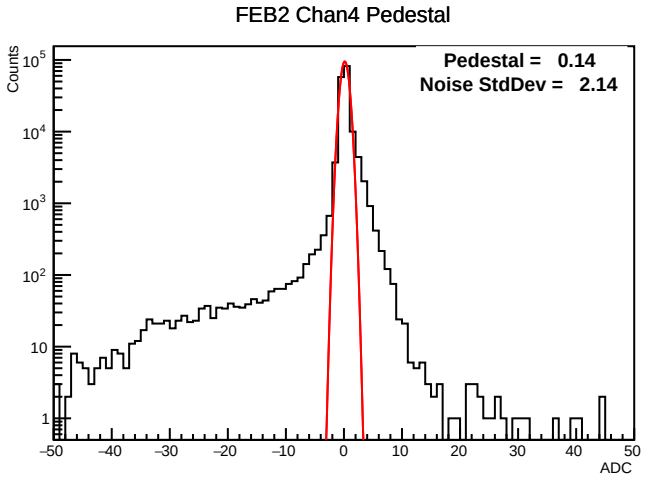

FEB2 Chan3 Pedestal
Pedestal = -16.65
Noise StdDev = 1.39
Counts
ADC

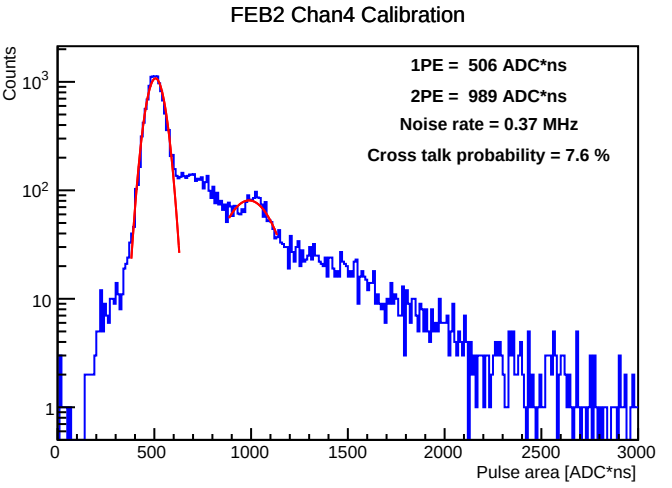

FEB2 Chan3 Calibration
1PE = 514 ADC*ns
2PE = 1026 ADC*ns
Noise rate = 0.38 MHz
Cross talk probability = 13.2 %
Counts
Pulse area [ADC*ns]

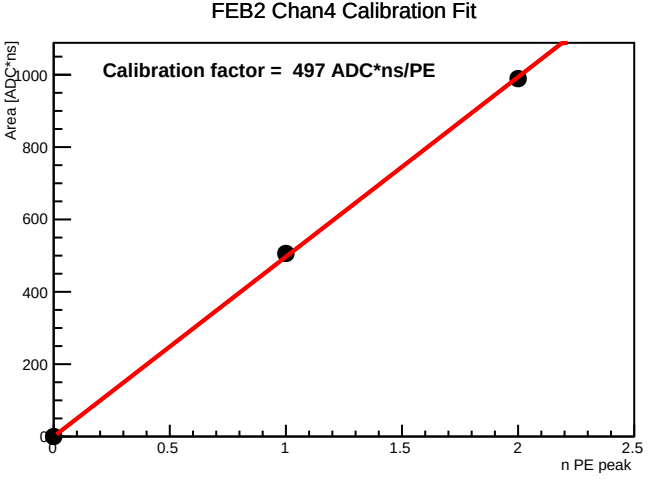

FEB2 Chan3 Calibration Fit
Calibration factor = 513 ADC*ns/PE
Area [ADC*ns]
n PE peak

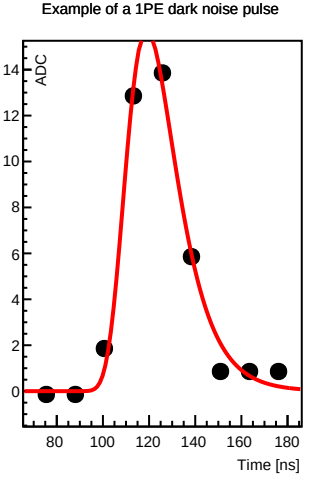

Example of a 1PE dark noise pulse
ADC
Time [ns]

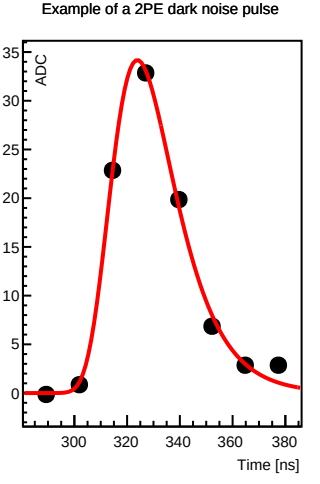

Example of a 2PE dark noise pulse
ADC
Time [ns]

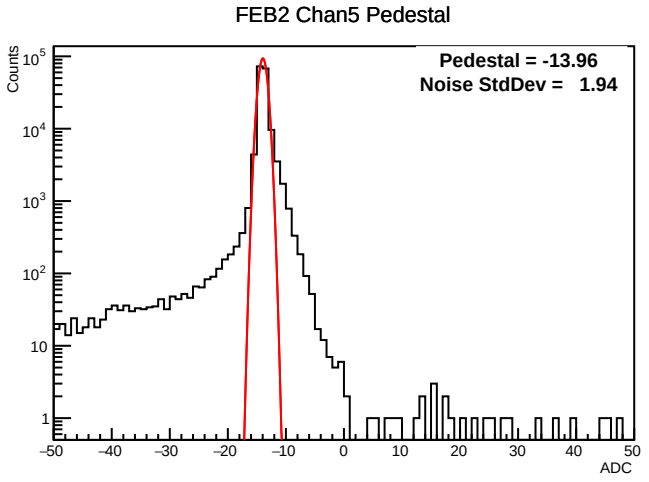

FEB2 Chan4 Pedestal
Pedestal = 0.14
Noise StdDev = 2.14
Counts
ADC

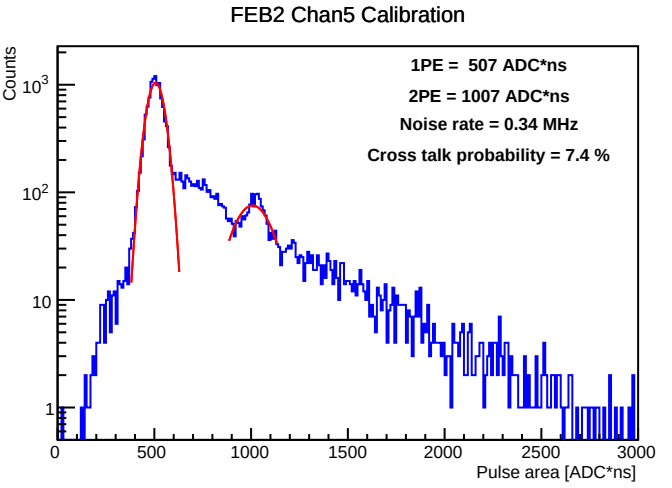

FEB2 Chan4 Calibration
1PE = 506 ADC*ns
2PE = 989 ADC*ns
Noise rate = 0.37 MHz
Cross talk probability = 7.6 %
Counts
Pulse area [ADC*ns]

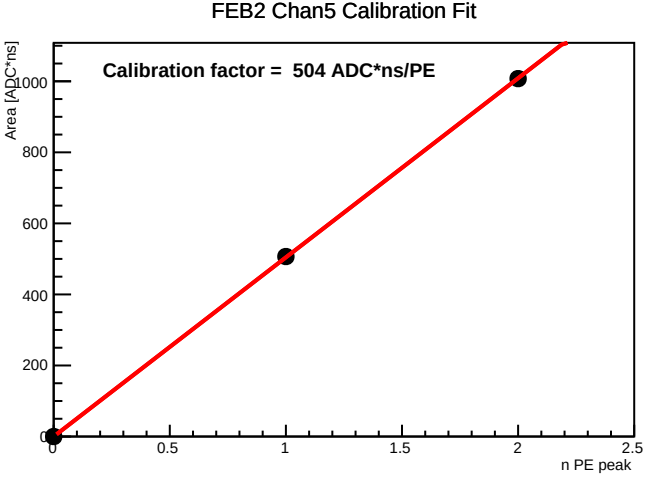

FEB2 Chan4 Calibration Fit
Calibration factor = 497 ADC*ns/PE
Area [ADC*ns]
n PE peak

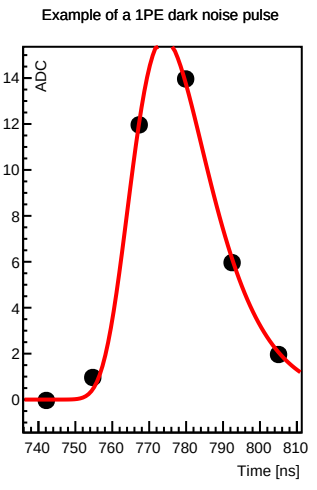

Example of a 1PE dark noise pulse
ADC
Time [ns]

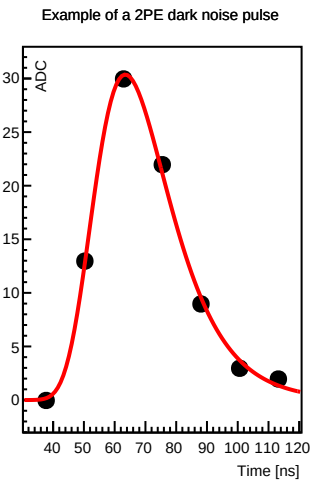

Example of a 2PE dark noise pulse
ADC
Time [ns]

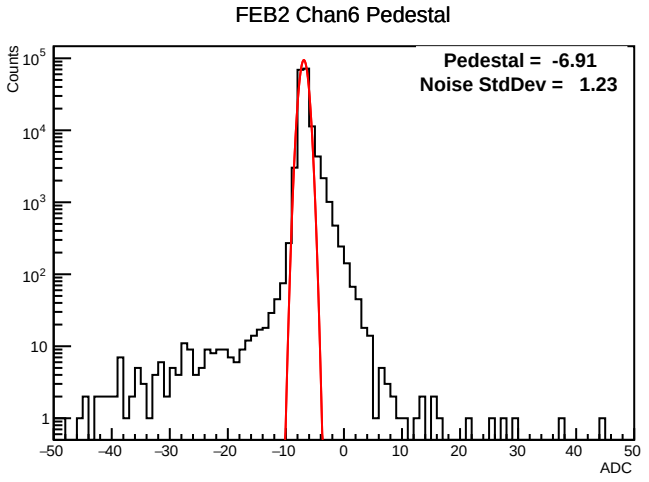

FEB2 Chan5 Pedestal
Pedestal = -13.96
Noise StdDev = 1.94
Counts
ADC

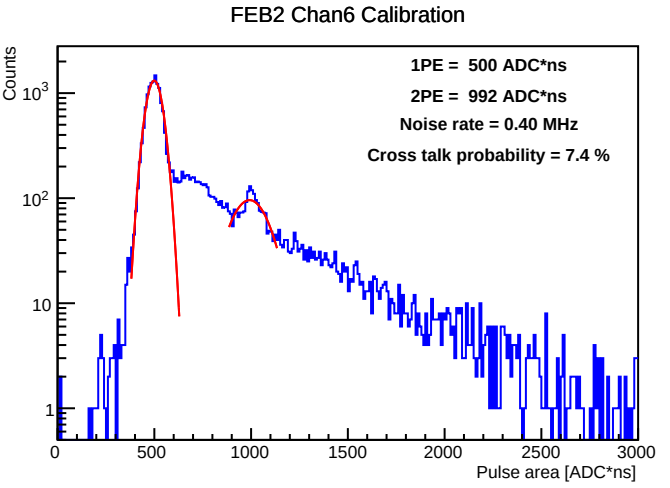

FEB2 Chan5 Calibration
1PE = 507 ADC*ns
2PE = 1007 ADC*ns
Noise rate = 0.34 MHz
Cross talk probability = 7.4 %
Counts
Pulse area [ADC*ns]

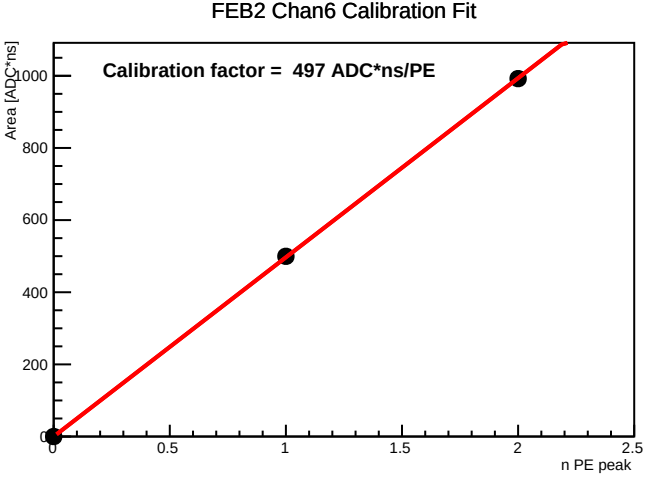

FEB2 Chan5 Calibration Fit
Calibration factor = 504 ADC*ns/PE
Area [ADC*ns]
n PE peak

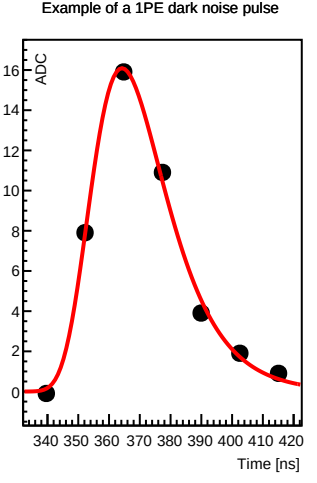

Example of a 1PE dark noise pulse
ADC
Time [ns]

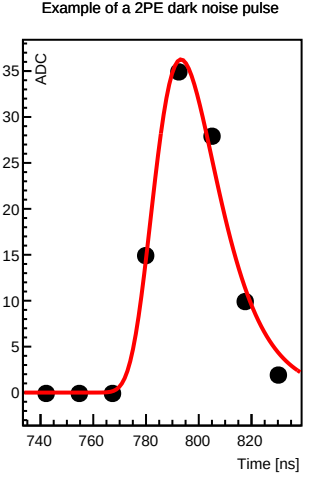

Example of a 2PE dark noise pulse
ADC
Time [ns]

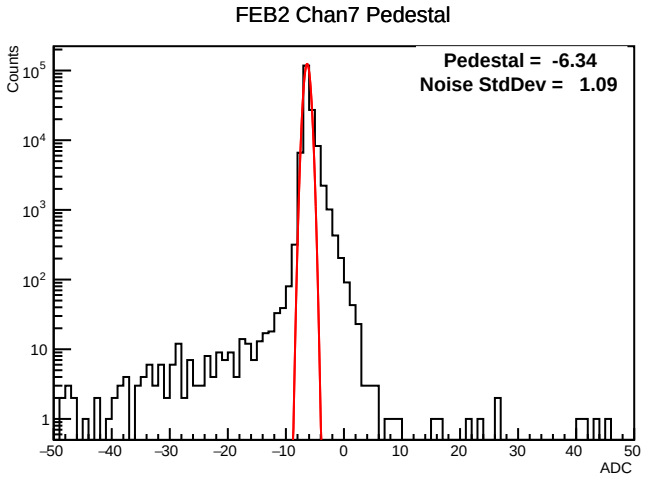

FEB2 Chan6 Pedestal
Pedestal = -6.91
Noise StdDev = 1.23
Counts
ADC

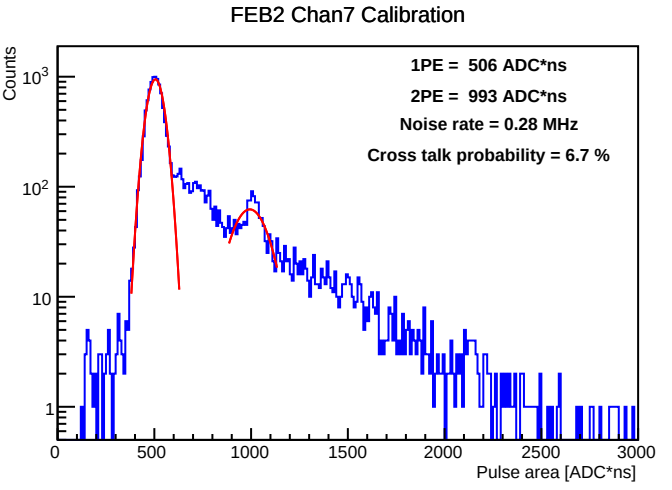

FEB2 Chan6 Calibration
1PE = 500 ADC*ns
2PE = 992 ADC*ns
Noise rate = 0.40 MHz
Cross talk probability = 7.4 %
Counts
Pulse area [ADC*ns]

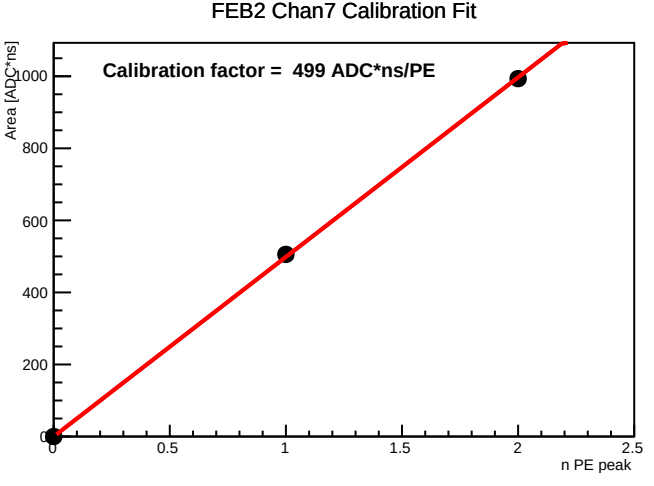

FEB2 Chan6 Calibration Fit
Calibration factor = 497 ADC*ns/PE
Area [ADC*ns]
n PE peak

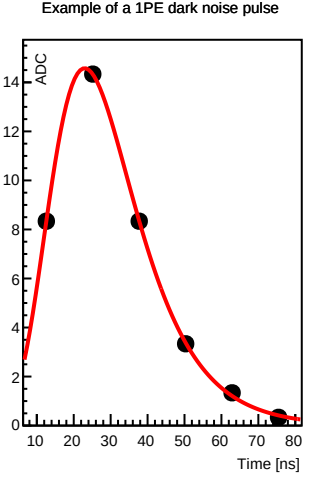

Example of a 1PE dark noise pulse
ADC
Time [ns]

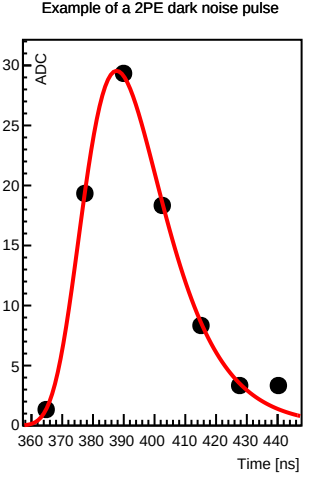

Example of a 2PE dark noise pulse
ADC
Time [ns]

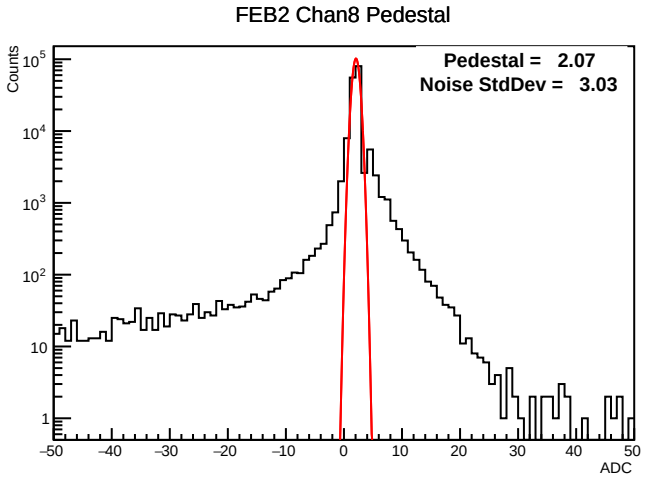

FEB2 Chan7 Pedestal
Pedestal = -6.34
Noise StdDev = 1.09
Counts
ADC

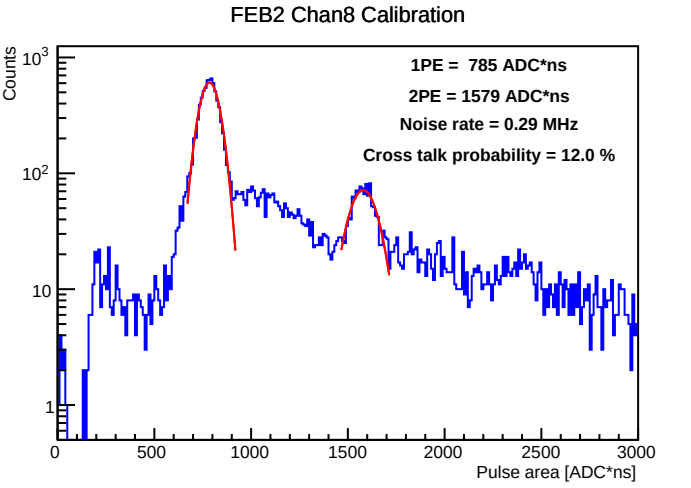

FEB2 Chan7 Calibration
1PE = 506 ADC*ns
2PE = 993 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 6.7 %
Counts
Pulse area [ADC*ns]

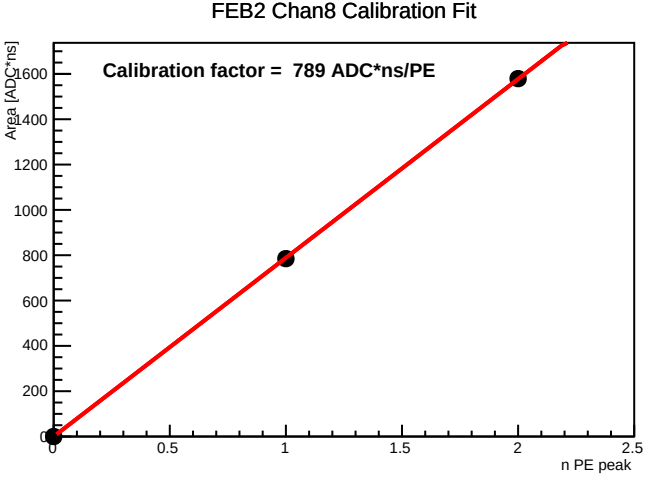

FEB2 Chan7 Calibration Fit
Calibration factor = 499 ADC*ns/PE
Area [ADC*ns]
n PE peak

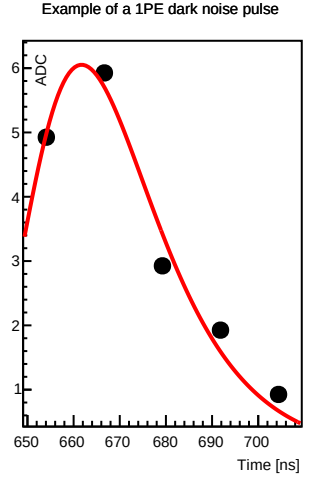

Example of a 1PE dark noise pulse
ADC
Time [ns]

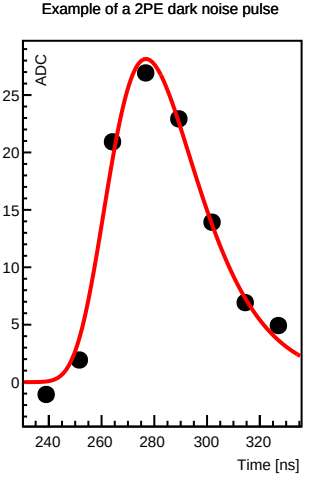

Example of a 2PE dark noise pulse
ADC
Time [ns]

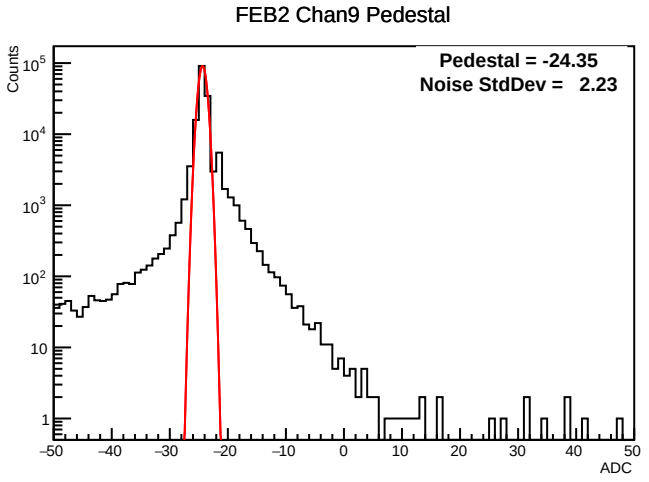

FEB2 Chan8 Pedestal
Pedestal = 2.07
Noise StdDev = 3.03
Counts
ADC

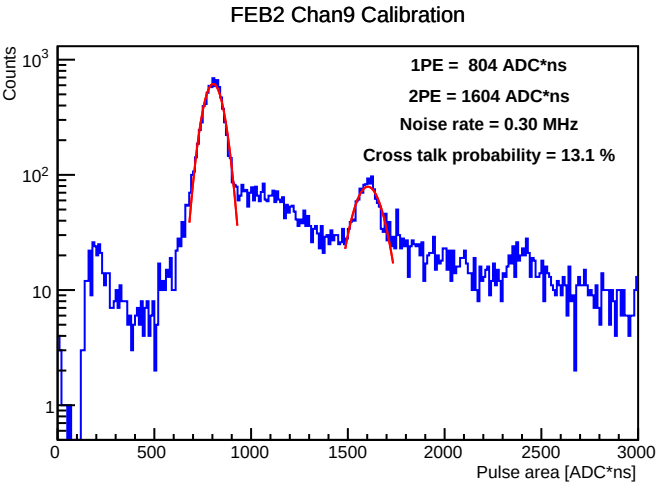

FEB2 Chan8 Calibration
1PE = 785 ADC*ns
2PE = 1579 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 12.0 %
Counts
Pulse area [ADC*ns]

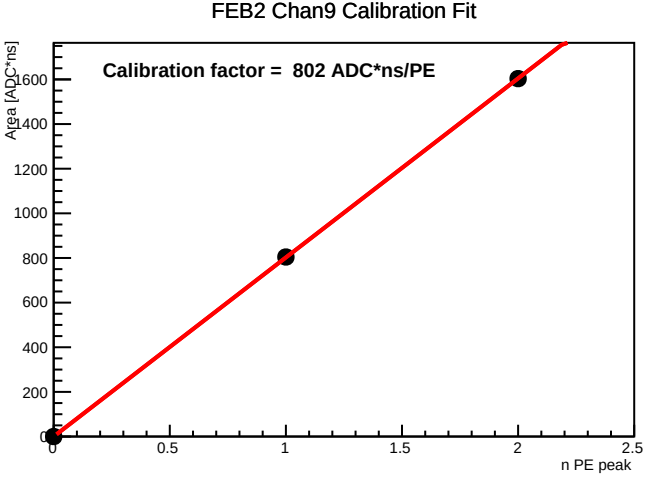

FEB2 Chan8 Calibration Fit
Calibration factor = 789 ADC*ns/PE
Area [ADC*ns]
n PE peak

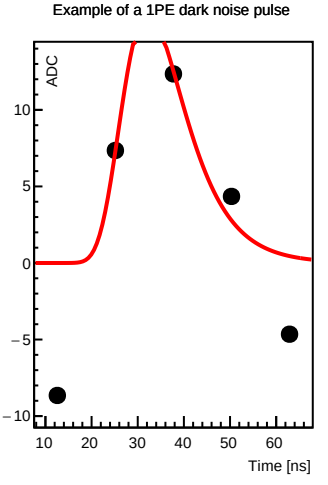

Example of a 1PE dark noise pulse
ADC
Time [ns]

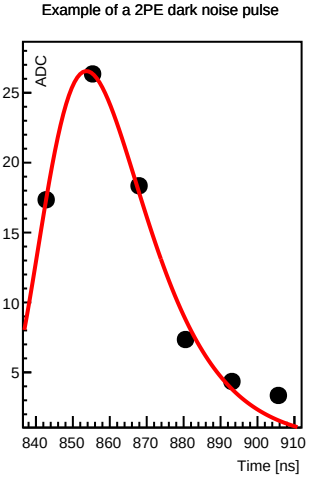

Example of a 2PE dark noise pulse
ADC
Time [ns]

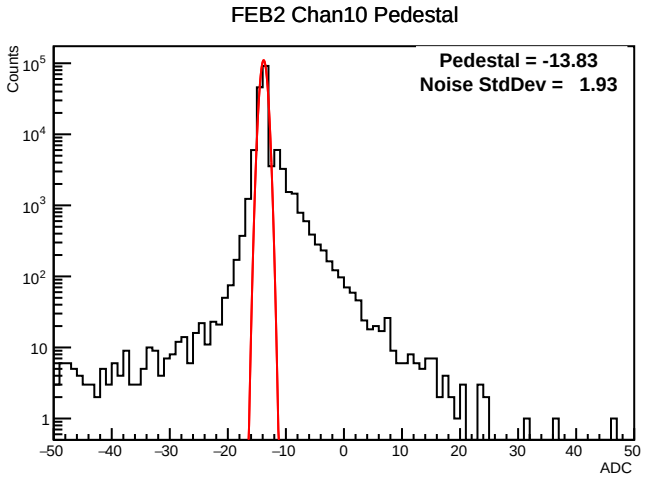

FEB2 Chan9 Pedestal
Pedestal = -24.35
Noise StdDev = 2.23
Counts
ADC

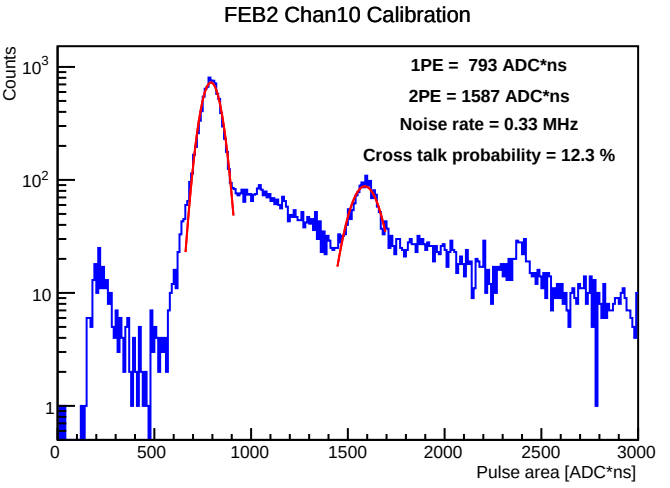

FEB2 Chan9 Calibration
1PE = 804 ADC*ns
2PE = 1604 ADC*ns
Noise rate = 0.30 MHz
Cross talk probability = 13.1 %
Counts
Pulse area [ADC*ns]

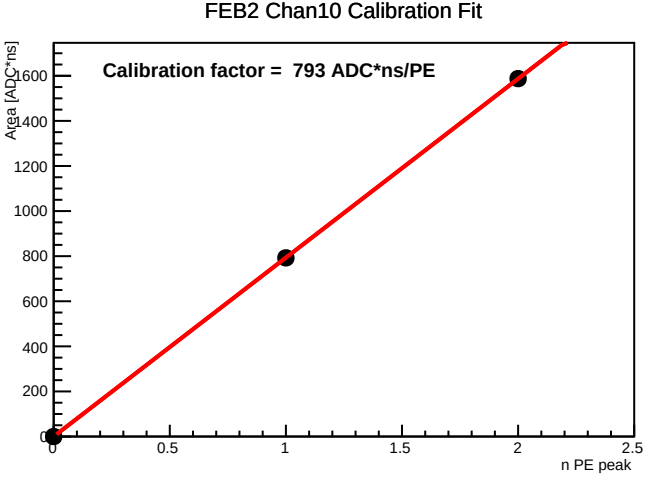

FEB2 Chan9 Calibration Fit
Calibration factor = 802 ADC*ns/PE
Area [ADC*ns]
n PE peak

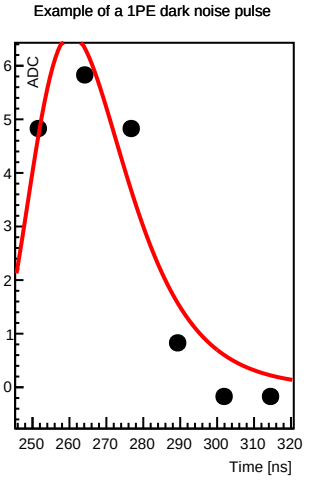

Example of a 1PE dark noise pulse
ADC
Time [ns]

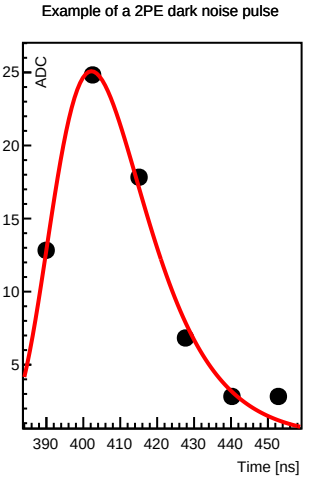

Example of a 2PE dark noise pulse
ADC
Time [ns]

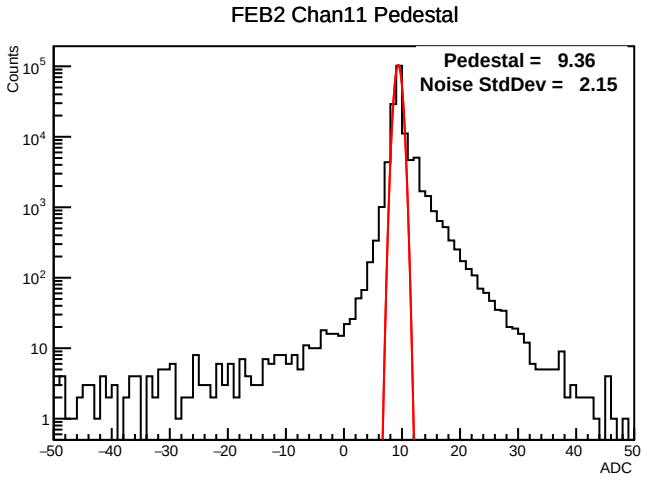

FEB2 Chan10 Pedestal
Pedestal = -13.83
Noise StdDev = 1.93
Counts
ADC

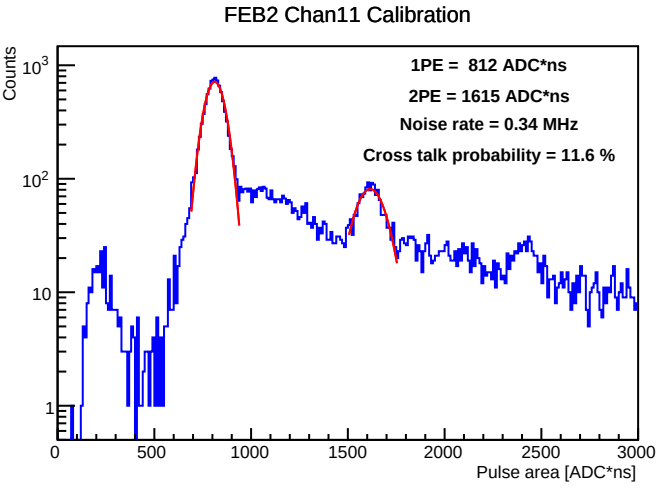

FEB2 Chan10 Calibration
1PE = 793 ADC*ns
2PE = 1587 ADC*ns
Noise rate = 0.33 MHz
Cross talk probability = 12.3 %
Counts
Pulse area [ADC*ns]

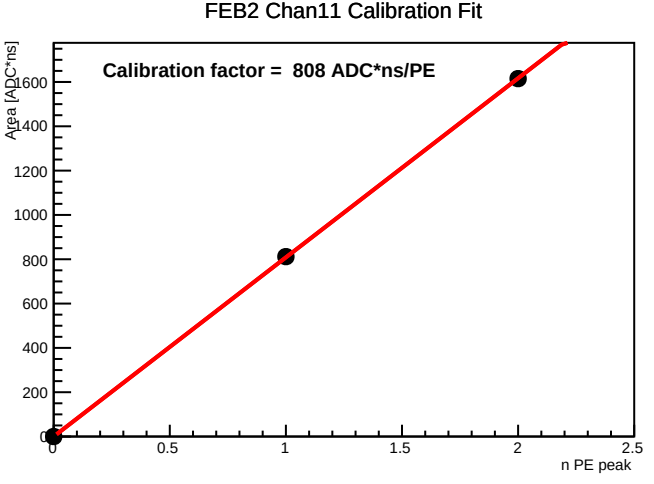

FEB2 Chan10 Calibration Fit
Calibration factor = 793 ADC*ns/PE
Area [ADC*ns]
n PE peak

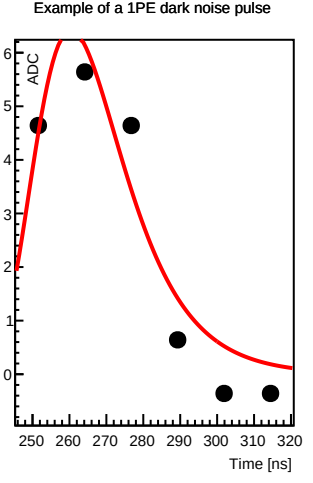

Example of a 1PE dark noise pulse
ADC
Time [ns]

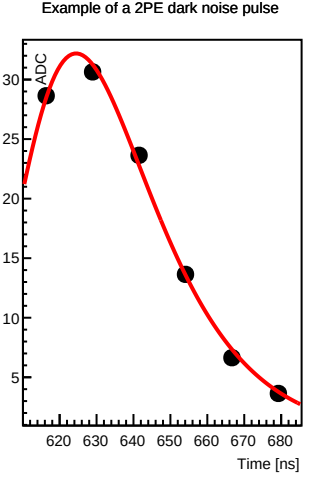

Example of a 2PE dark noise pulse
ADC
Time [ns]

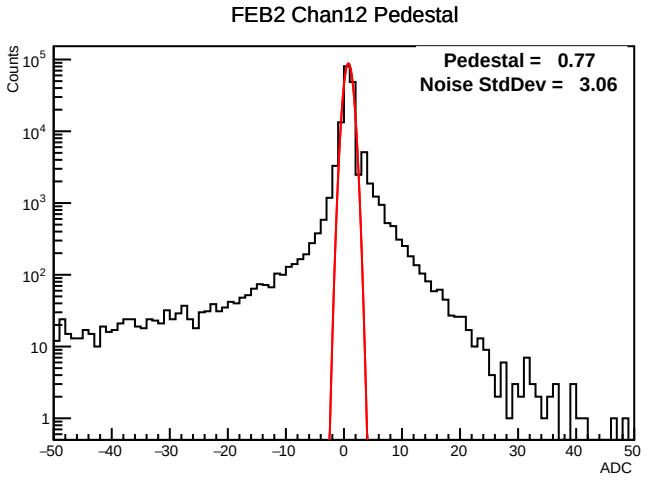

FEB2 Chan11 Pedestal
Pedestal = 9.36
Noise StdDev = 2.15
Counts
ADC

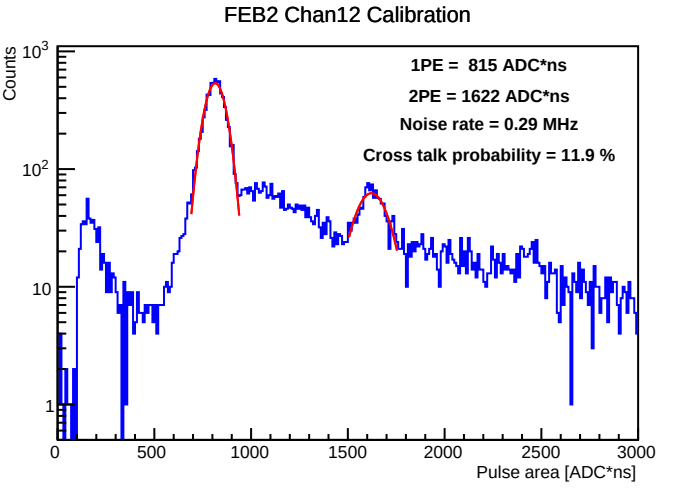

FEB2 Chan11 Calibration
1PE = 812 ADC*ns
2PE = 1615 ADC*ns
Noise rate = 0.34 MHz
Cross talk probability = 11.6 %
Counts
Pulse area [ADC*ns]

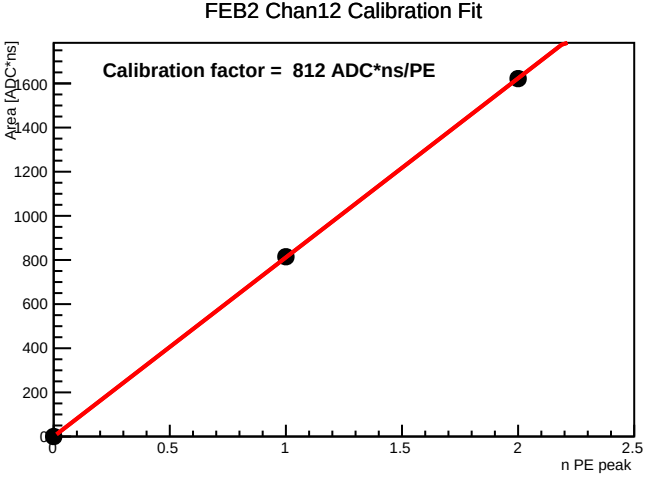

FEB2 Chan11 Calibration Fit
Calibration factor = 808 ADC*ns/PE
Area [ADC*ns]
n PE peak

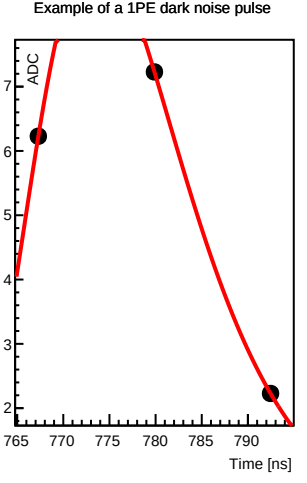

Example of a 1PE dark noise pulse
ADC
Time [ns]

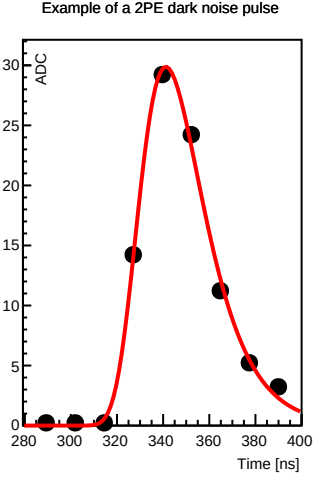

Example of a 2PE dark noise pulse
ADC
Time [ns]

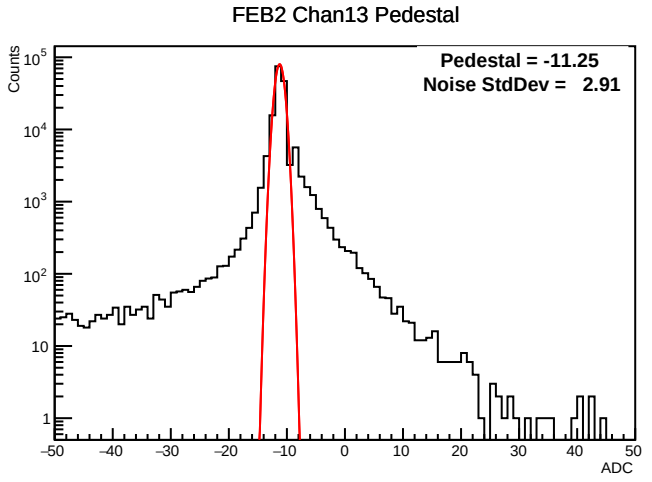

FEB2 Chan12 Pedestal
Pedestal = 0.77
Noise StdDev = 3.06
Counts
ADC

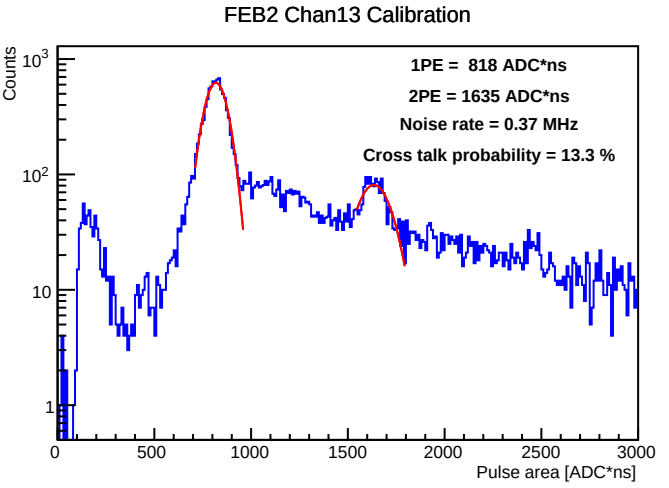

FEB2 Chan12 Calibration
1PE = 815 ADC*ns
2PE = 1622 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 11.9 %
Counts
Pulse area [ADC*ns]

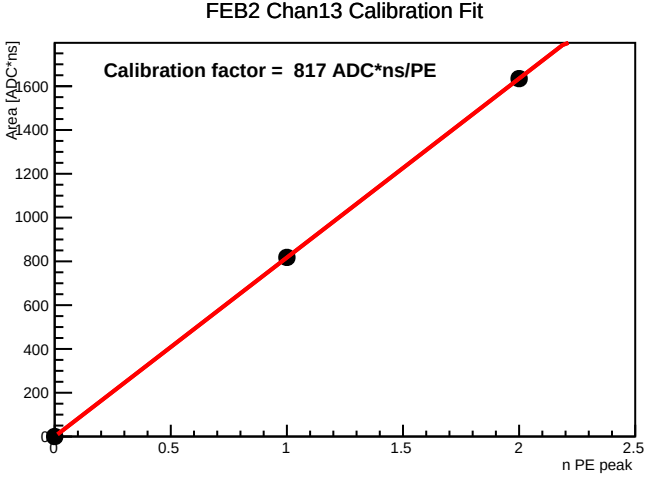

FEB2 Chan12 Calibration Fit
Calibration factor = 812 ADC*ns/PE
Area [ADC*ns]
n PE peak

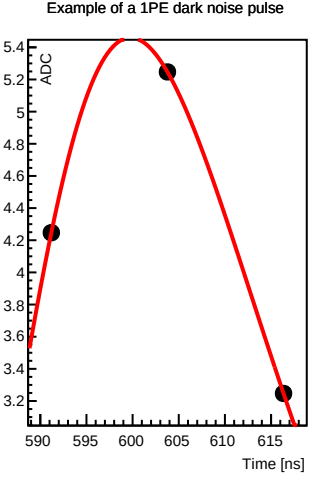

Example of a 1PE dark noise pulse
ADC
Time [ns]

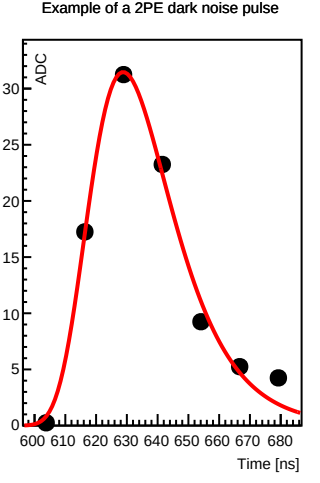

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB2 Chan13 Pedestal
Pedestal = -11.25
Noise StdDev = 2.91
Counts
ADC

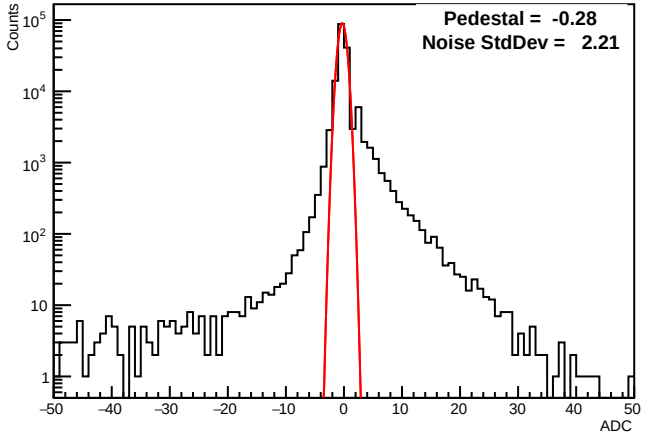

FEB2 Chan13 Calibration
1PE = 818 ADC*ns
2PE = 1635 ADC*ns
Noise rate = 0.37 MHz
Cross talk probability = 13.3 %
Counts
Pulse area [ADC*ns]


FEB2 Chan13 Calibration Fit
Calibration factor = 817 ADC*ns/PE
Area [ADC*ns]
n PE peak

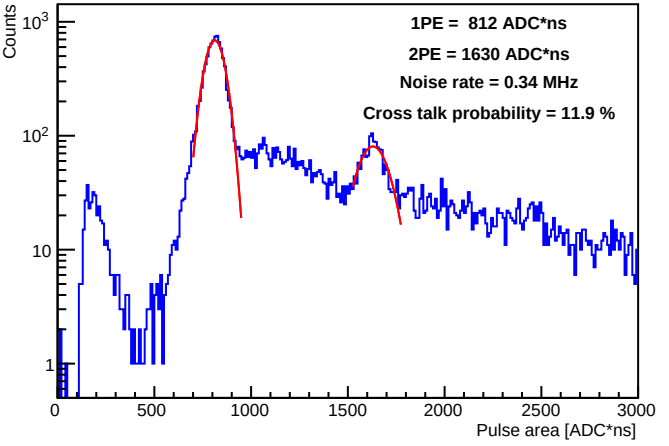

Example of a 1PE dark noise pulse
ADC
Time [ns]


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

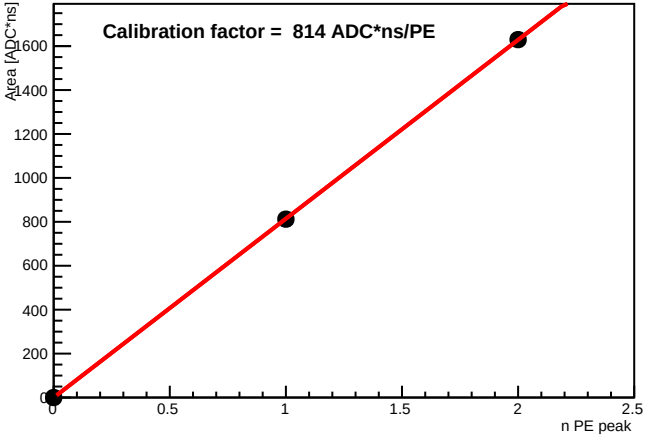
FEB2 Chan14 Pedestal



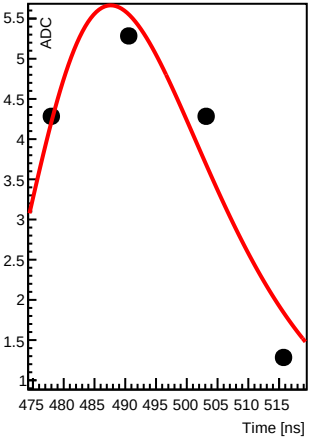
FEB2 Chan14 Calibration



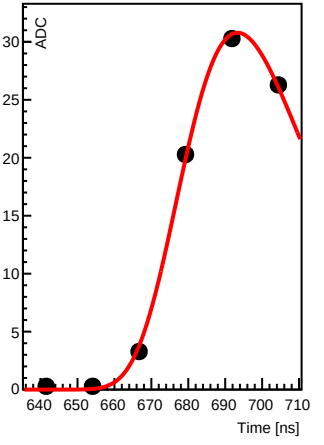
FEB2 Chan14 Calibration Fit

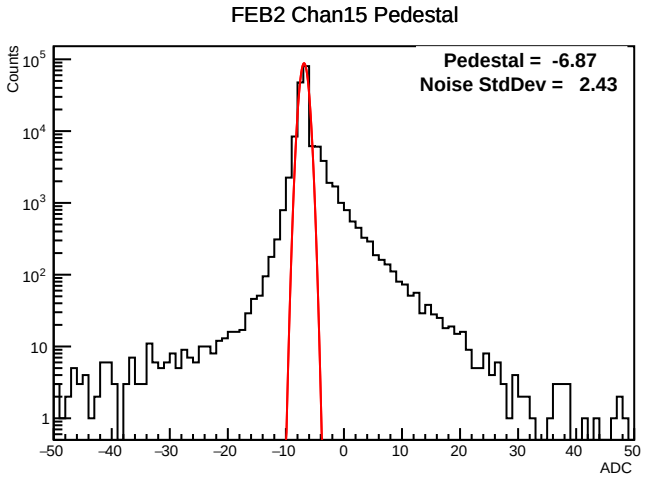


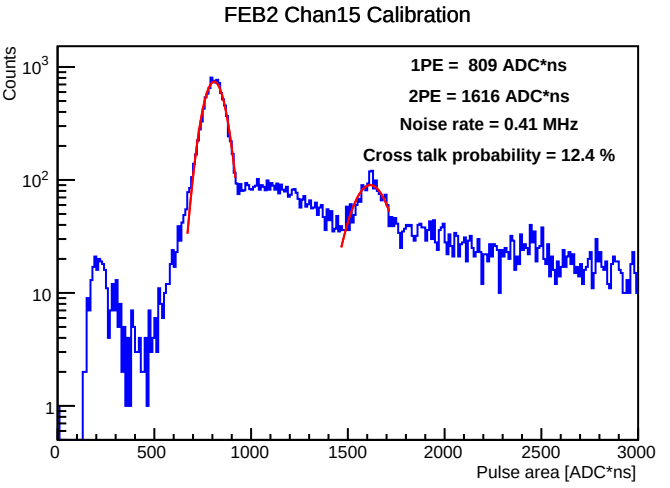
Example of a 1PE dark noise pulse

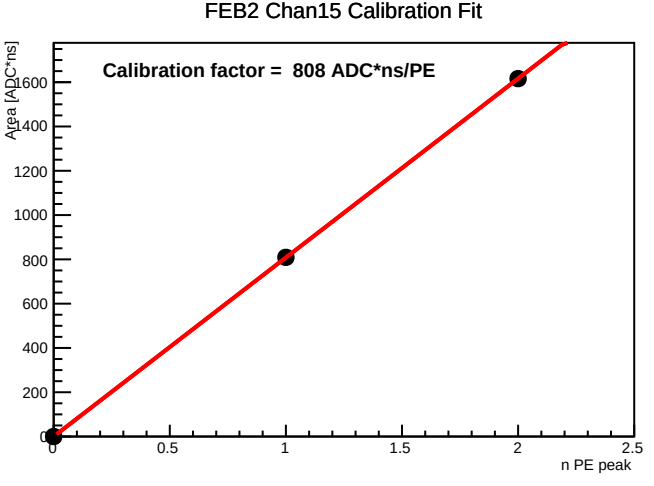


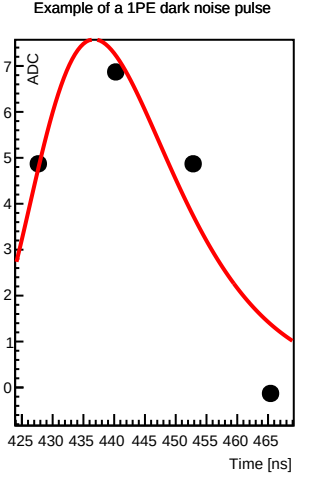
Example of a 2PE dark noise pulse

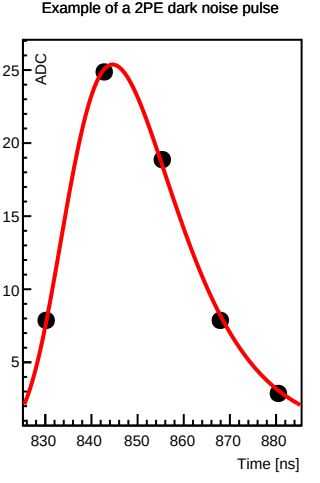



FEB2 Chan15 Pedestal
Pedestal = -6.87
Noise StdDev = 2.43
Counts
ADC


FEB2 Chan15 Calibration
1PE = 809 ADC*ns
2PE = 1616 ADC*ns
Noise rate = 0.41 MHz
Cross talk probability = 12.4 %
Counts
Pulse area [ADC*ns]


FEB2 Chan15 Calibration Fit
Calibration factor = 808 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]