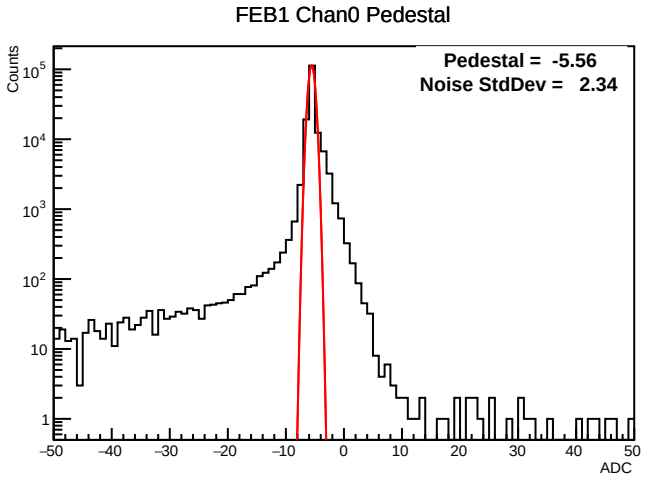
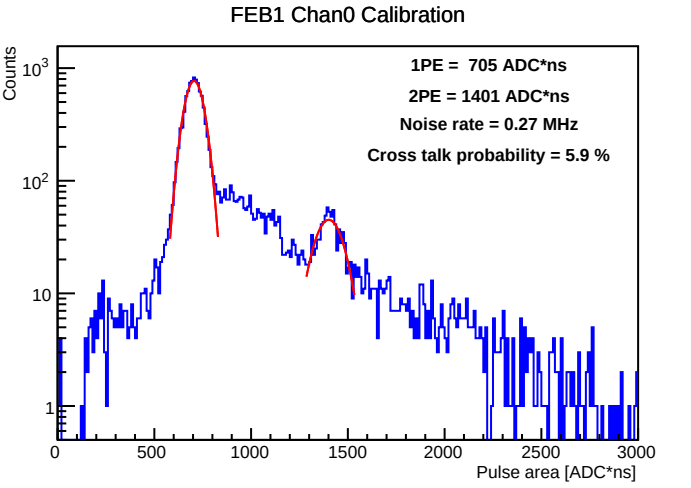
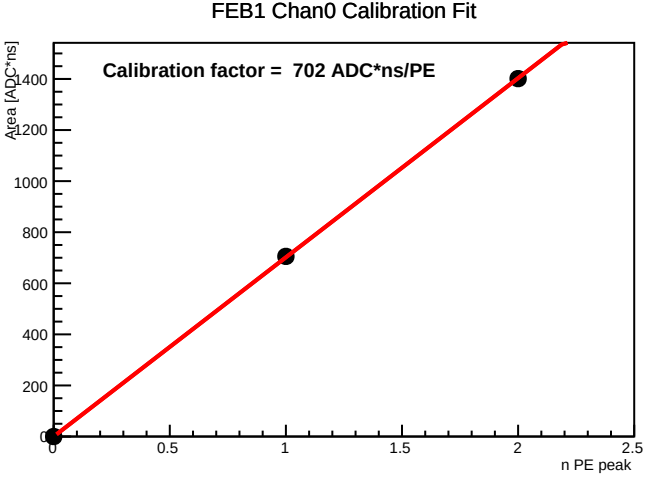
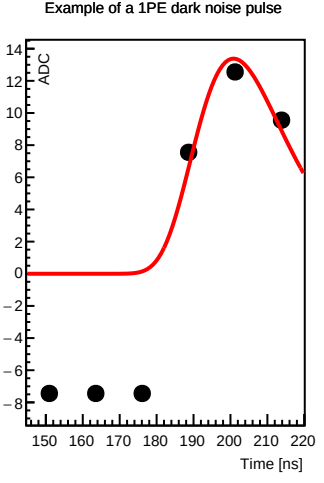
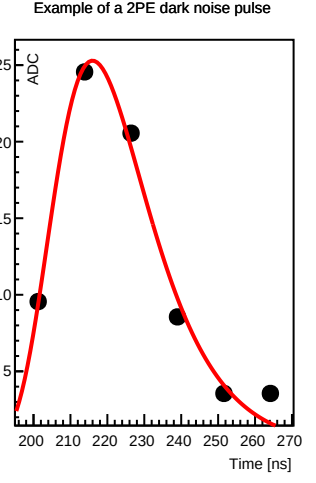
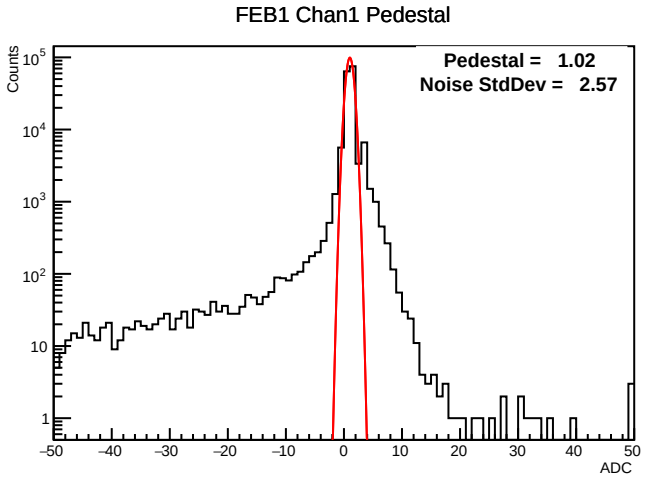

FEB1 Chan0 Pedestal
Pedestal = -5.56
Noise StdDev = 2.34
Counts
ADC

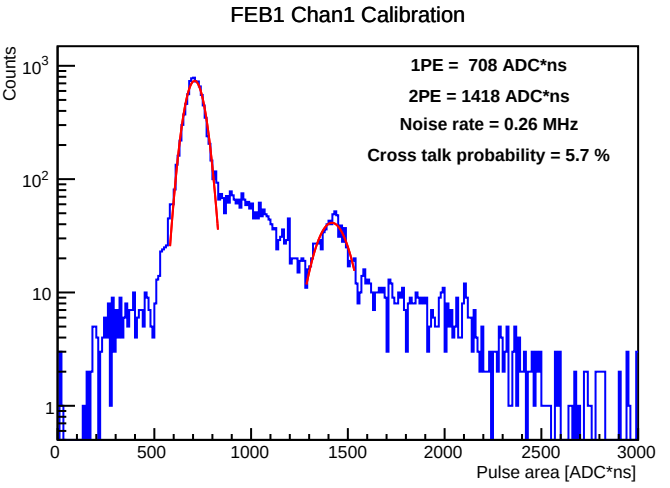

FEB1 Chan0 Calibration
1PE = 705 ADC*ns
2PE = 1401 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 5.9 %
Counts
Pulse area [ADC*ns]

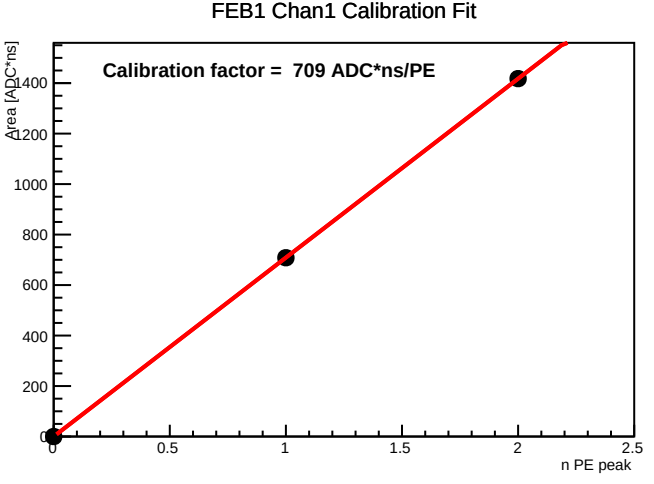

FEB1 Chan0 Calibration Fit
Calibration factor = 702 ADC*ns/PE
Area [ADC*ns]
n PE peak

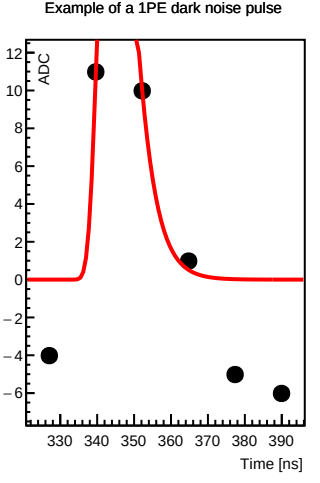

Example of a 1PE dark noise pulse
ADC
Time [ns]

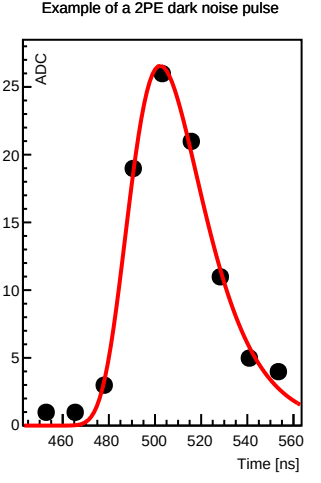

Example of a 2PE dark noise pulse
ADC
Time [ns]

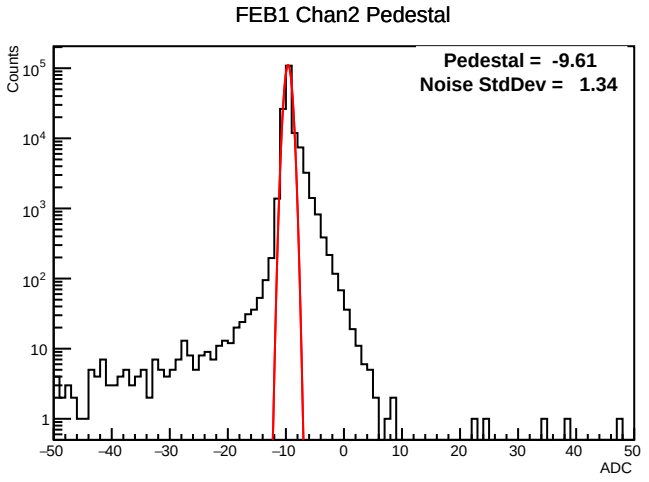

FEB1 Chan1 Pedestal
Pedestal = 1.02
Noise StdDev = 2.57
Counts
ADC

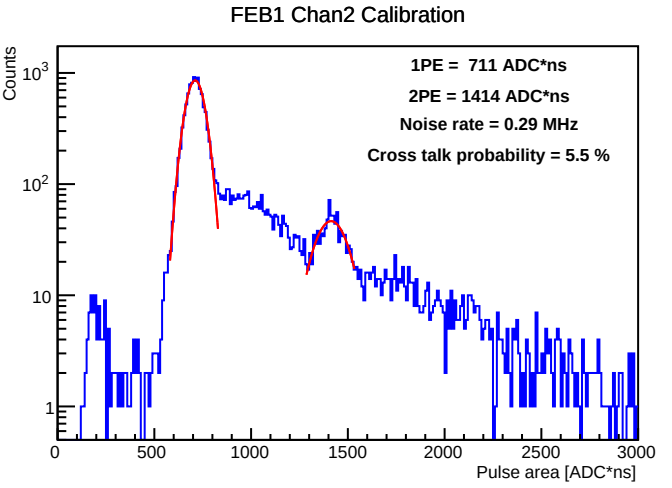

FEB1 Chan1 Calibration
1PE = 708 ADC*ns
2PE = 1418 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 5.7 %
Counts
Pulse area [ADC*ns]

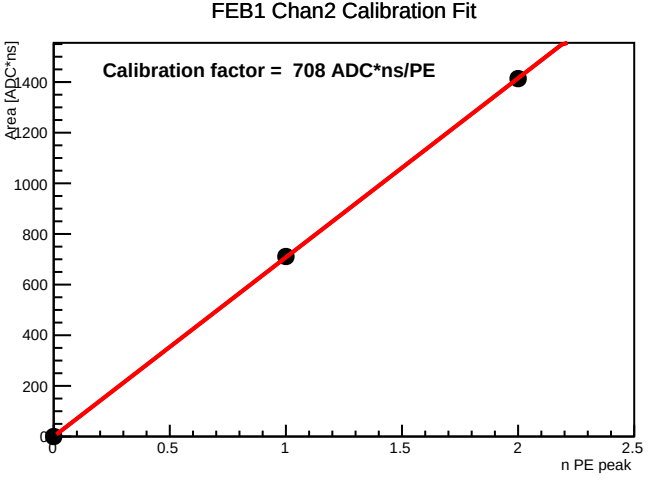

FEB1 Chan1 Calibration Fit
Calibration factor = 709 ADC*ns/PE
Area [ADC*ns]
n PE peak

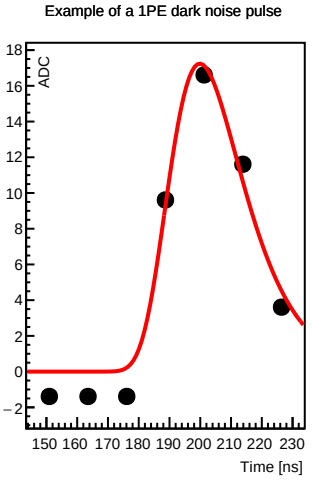

Example of a 1PE dark noise pulse
ADC
Time [ns]

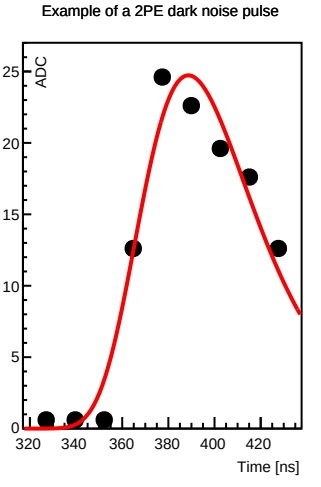

Example of a 2PE dark noise pulse
ADC
Time [ns]

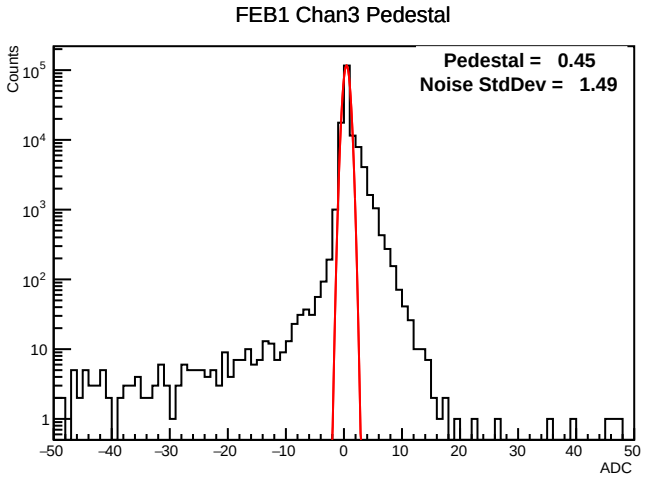

FEB1 Chan2 Pedestal
Pedestal = -9.61
Noise StdDev = 1.34
Counts
ADC

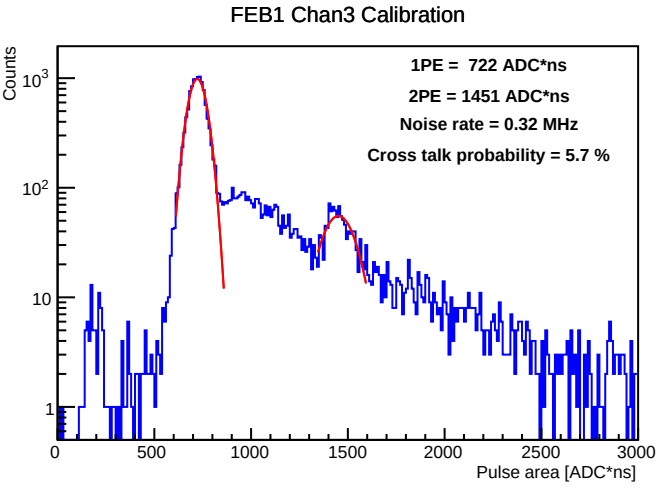

FEB1 Chan2 Calibration
1PE = 711 ADC*ns
2PE = 1414 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 5.5 %
Counts
Pulse area [ADC*ns]

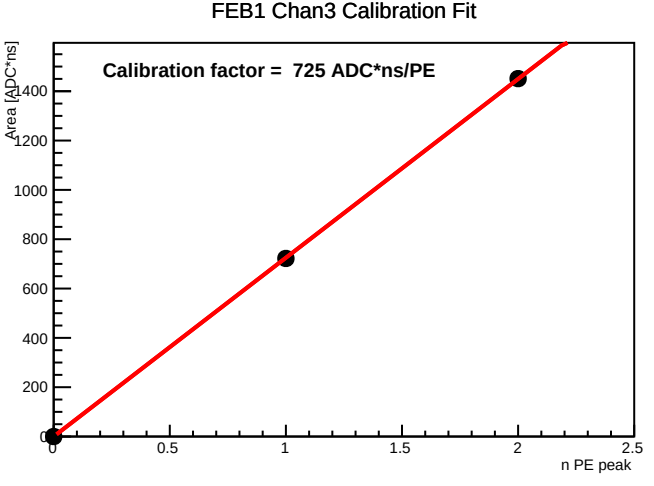

FEB1 Chan2 Calibration Fit
Calibration factor = 708 ADC*ns/PE
Area [ADC*ns]
n PE peak

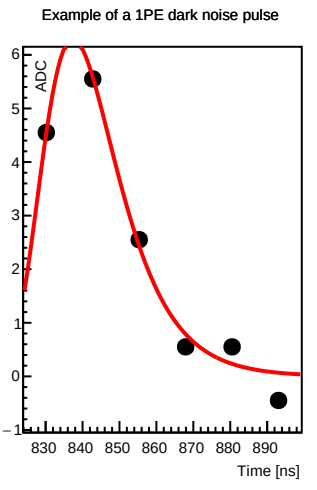

Example of a 1PE dark noise pulse
ADC
Time [ns]

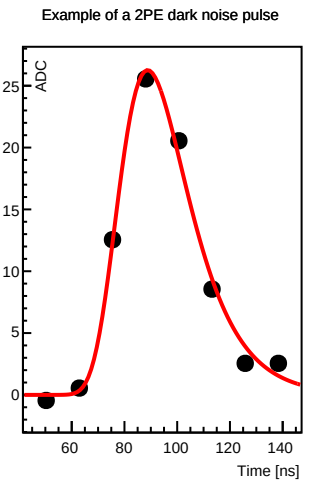

Example of a 2PE dark noise pulse
ADC
Time [ns]

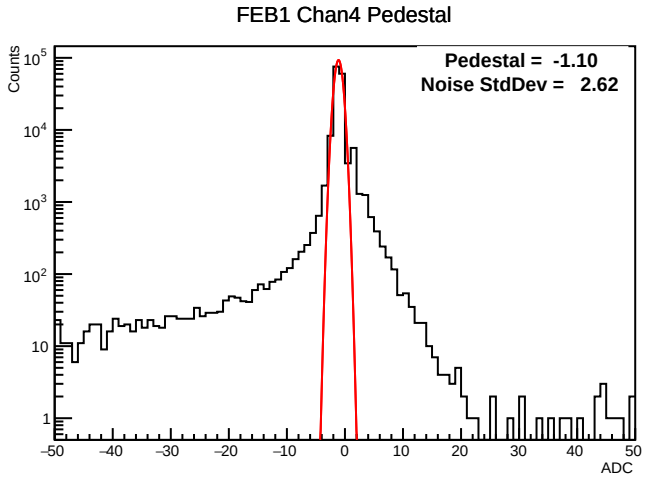

FEB1 Chan3 Pedestal
Pedestal = 0.45
Noise StdDev = 1.49
Counts
ADC

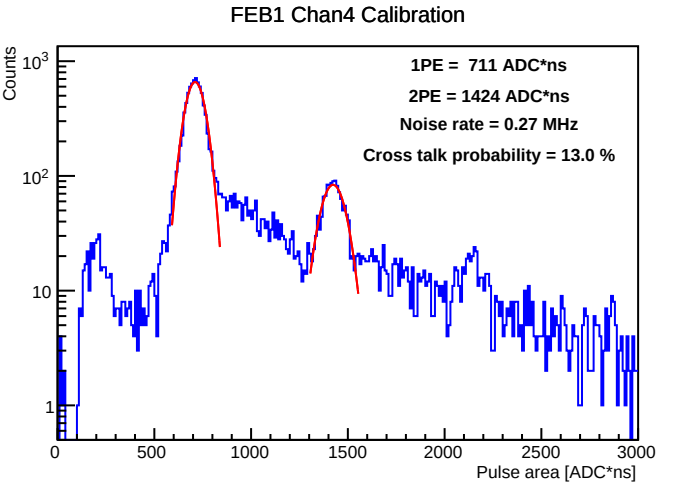

FEB1 Chan3 Calibration
1PE = 722 ADC*ns
2PE = 1451 ADC*ns
Noise rate = 0.32 MHz
Cross talk probability = 5.7 %
Counts
Pulse area [ADC*ns]

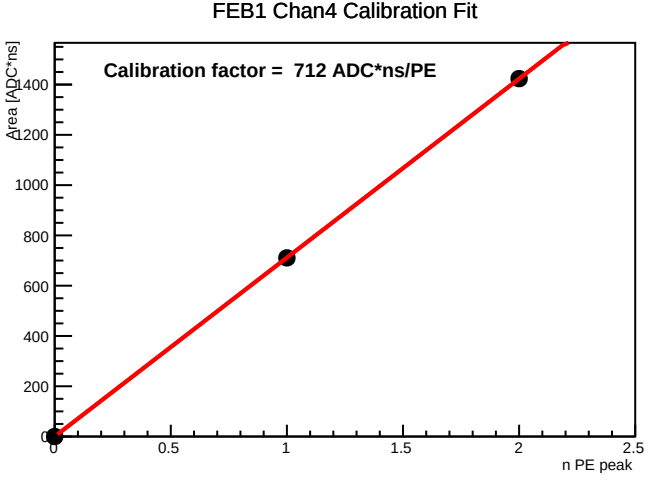

FEB1 Chan3 Calibration Fit
Calibration factor = 725 ADC*ns/PE
Area [ADC*ns]
n PE peak

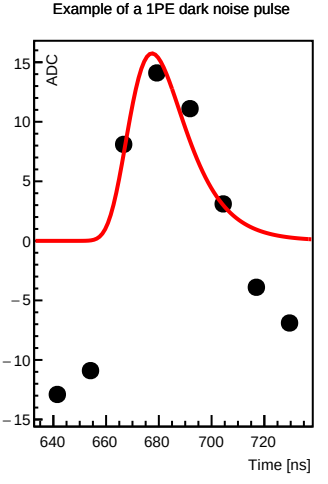

Example of a 1PE dark noise pulse
ADC
Time [ns]

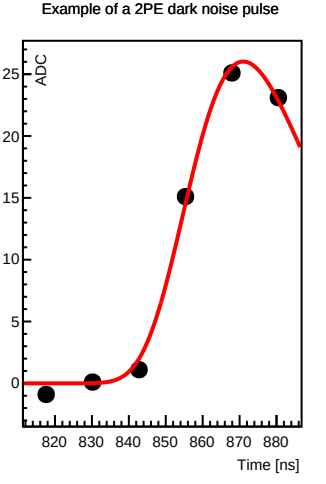

Example of a 2PE dark noise pulse
ADC
Time [ns]

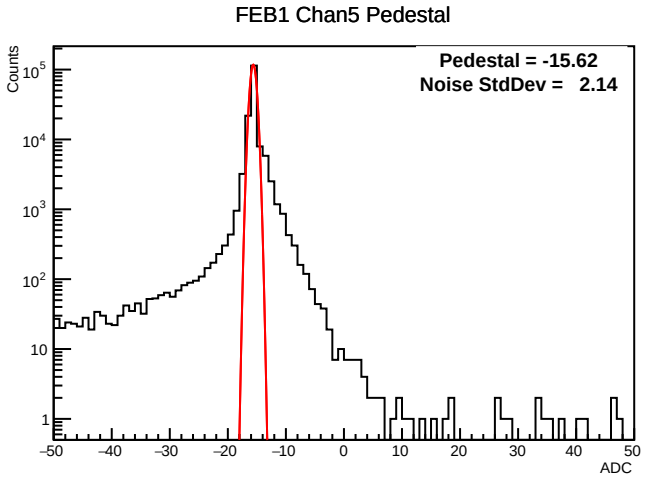

FEB1 Chan4 Pedestal
Pedestal = -1.10
Noise StdDev = 2.62
Counts
ADC

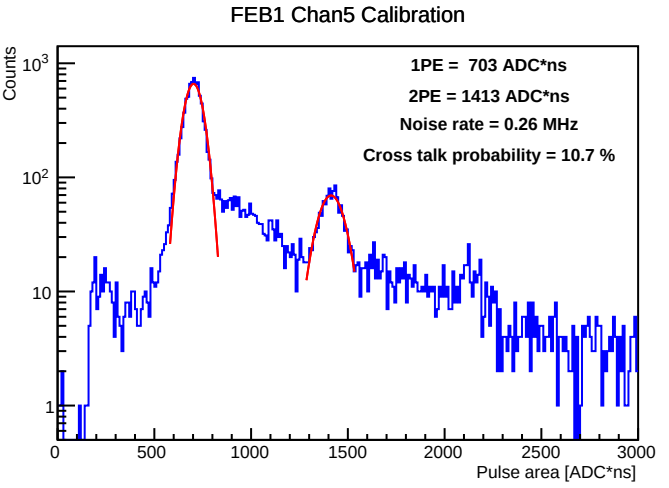

FEB1 Chan4 Calibration
1PE = 711 ADC*ns
2PE = 1424 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 13.0 %
Counts
Pulse area [ADC*ns]

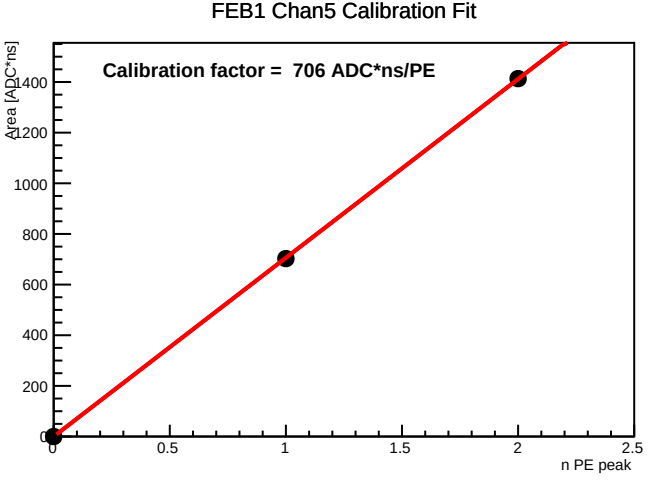

FEB1 Chan4 Calibration Fit
Calibration factor = 712 ADC*ns/PE
Area [ADC*ns]
n PE peak

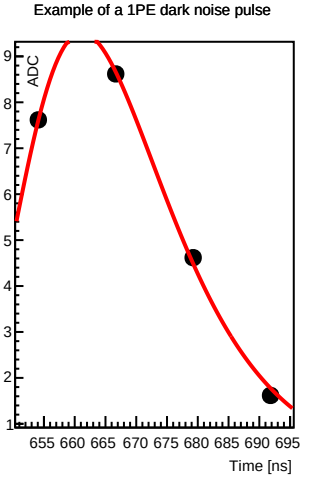

Example of a 1PE dark noise pulse
ADC
Time [ns]

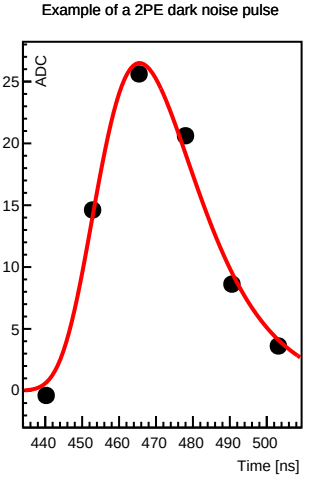

Example of a 2PE dark noise pulse
ADC
Time [ns]

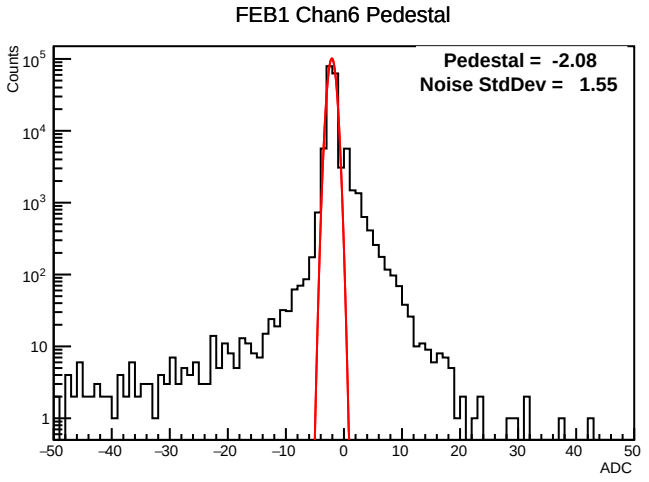

FEB1 Chan5 Pedestal
Pedestal = -15.62
Noise StdDev = 2.14
Counts
ADC

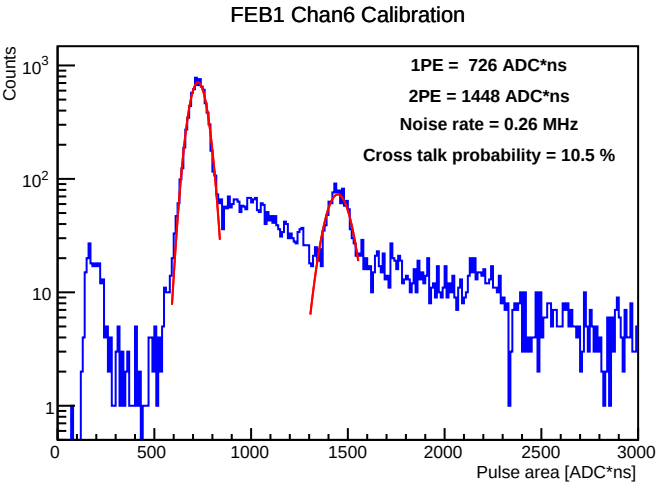

FEB1 Chan5 Calibration
1PE = 703 ADC*ns
2PE = 1413 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 10.7 %
Counts
Pulse area [ADC*ns]

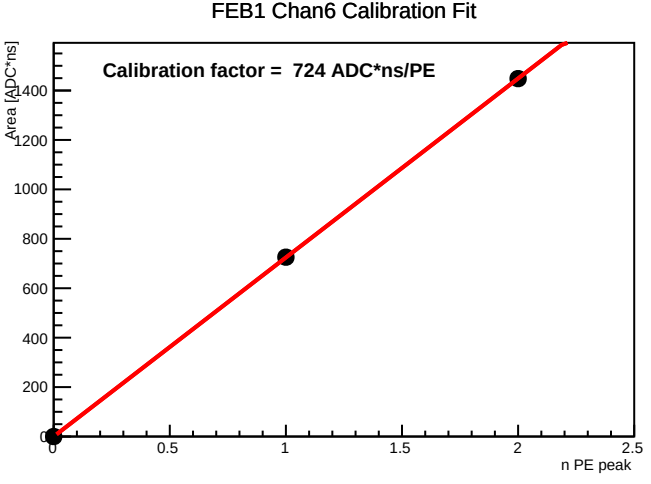

FEB1 Chan5 Calibration Fit
Calibration factor = 706 ADC*ns/PE
Area [ADC*ns]
n PE peak

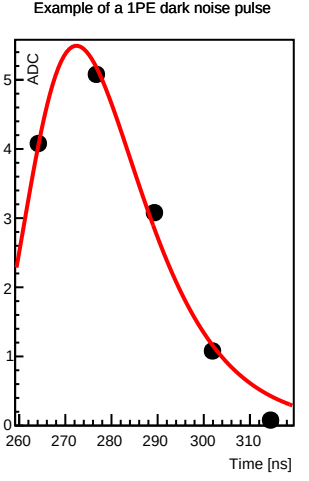

Example of a 1PE dark noise pulse
ADC
Time [ns]

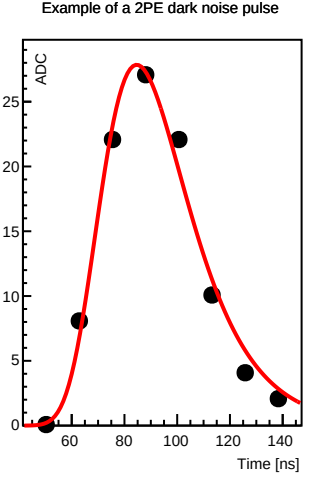

Example of a 2PE dark noise pulse
ADC
Time [ns]

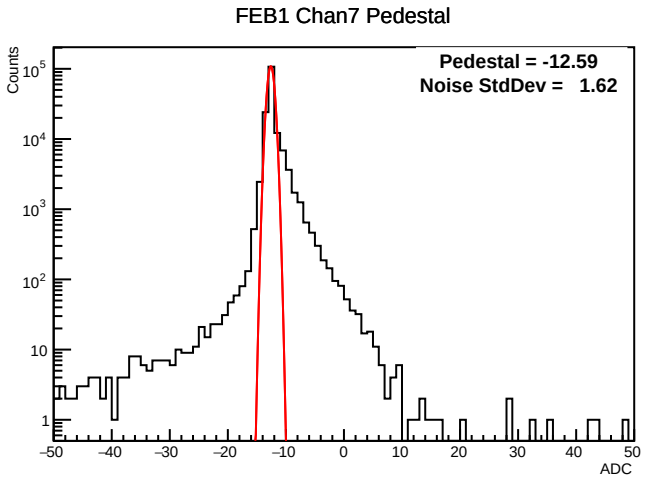

FEB1 Chan6 Pedestal
Pedestal = -2.08
Noise StdDev = 1.55
Counts
ADC

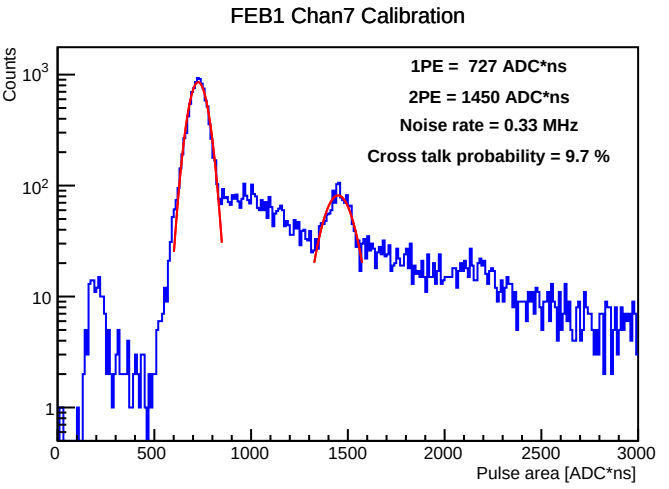

FEB1 Chan6 Calibration
1PE = 726 ADC*ns
2PE = 1448 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 10.5 %
Counts
Pulse area [ADC*ns]

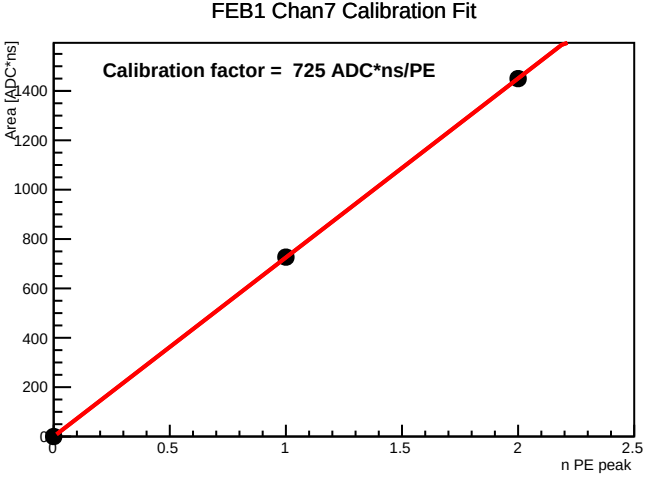

FEB1 Chan6 Calibration Fit
Calibration factor = 724 ADC*ns/PE
Area [ADC*ns]
n PE peak

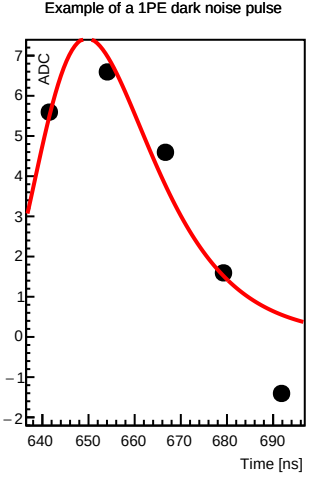

Example of a 1PE dark noise pulse
ADC
Time [ns]

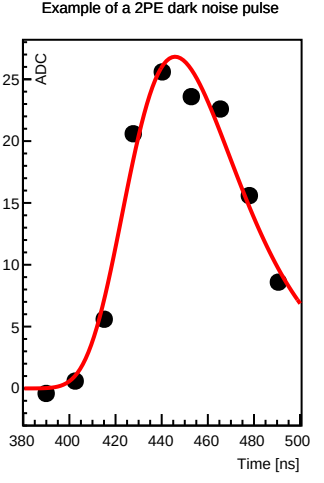

Example of a 2PE dark noise pulse
ADC
Time [ns]

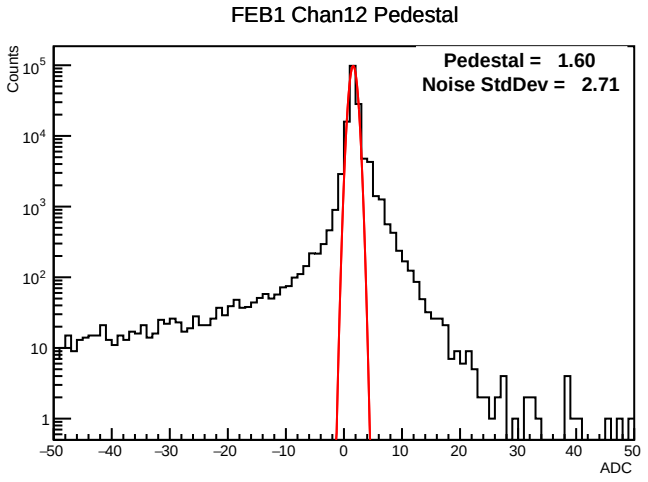

FEB1 Chan7 Pedestal
Pedestal = -12.59
Noise StdDev = 1.62
Counts
ADC

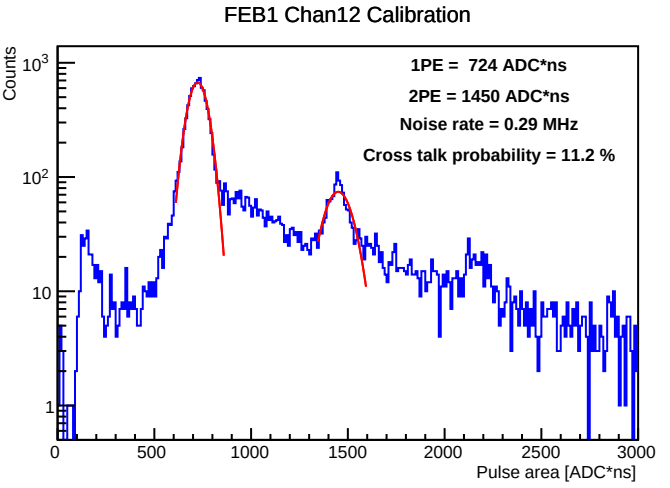

FEB1 Chan7 Calibration
1PE = 727 ADC*ns
2PE = 1450 ADC*ns
Noise rate = 0.33 MHz
Cross talk probability = 9.7 %
Counts
Pulse area [ADC*ns]

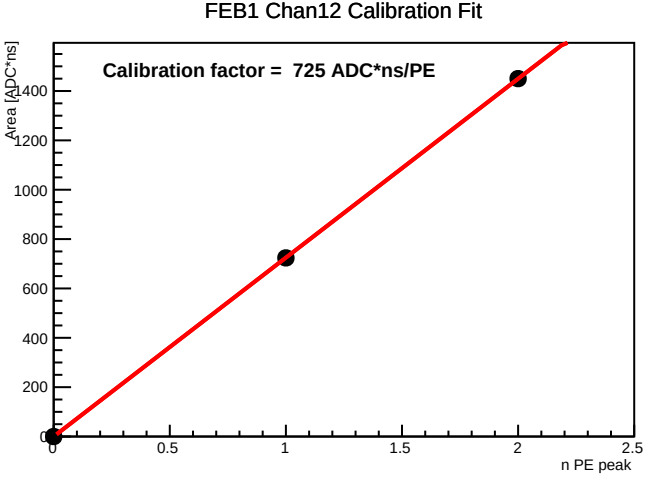

FEB1 Chan7 Calibration Fit
Calibration factor = 725 ADC*ns/PE
Area [ADC*ns]
n PE peak

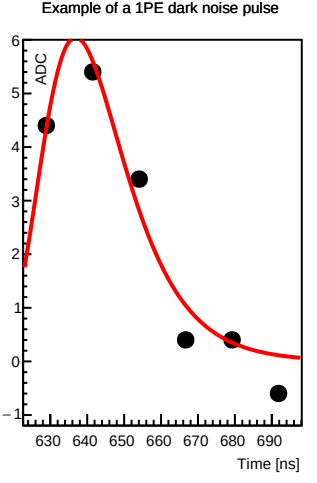

Example of a 1PE dark noise pulse
ADC
Time [ns]

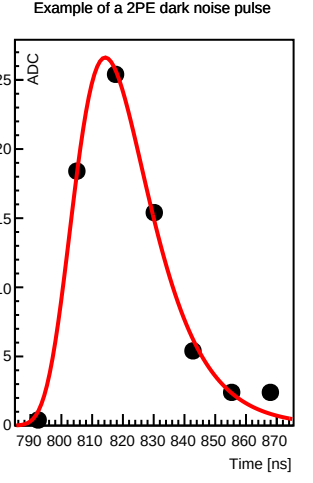

Example of a 2PE dark noise pulse
ADC
Time [ns]

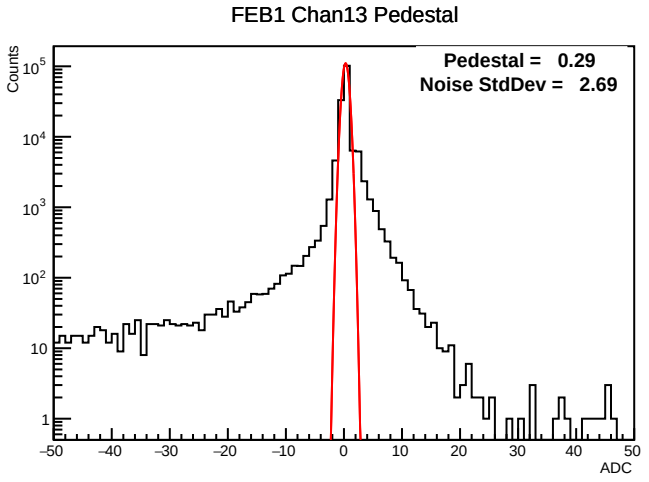

FEB1 Chan12 Pedestal
Pedestal = 1.60
Noise StdDev = 2.71
Counts
ADC

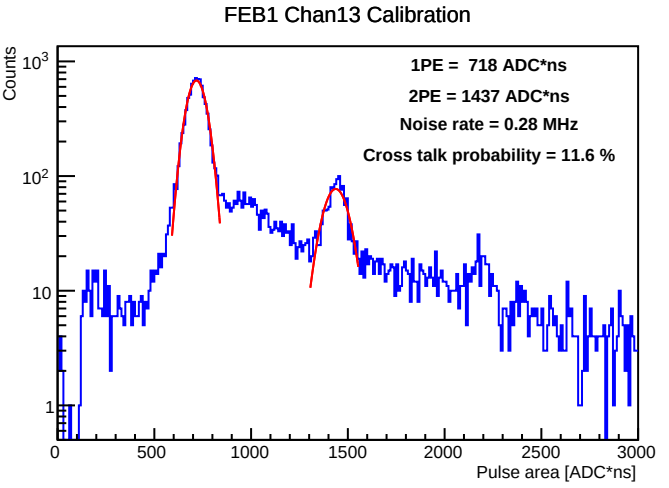

FEB1 Chan12 Calibration
1PE = 724 ADC*ns
2PE = 1450 ADC*ns
Noise rate = 0.29 MHz
Cross talk probability = 11.2 %
Counts
Pulse area [ADC*ns]

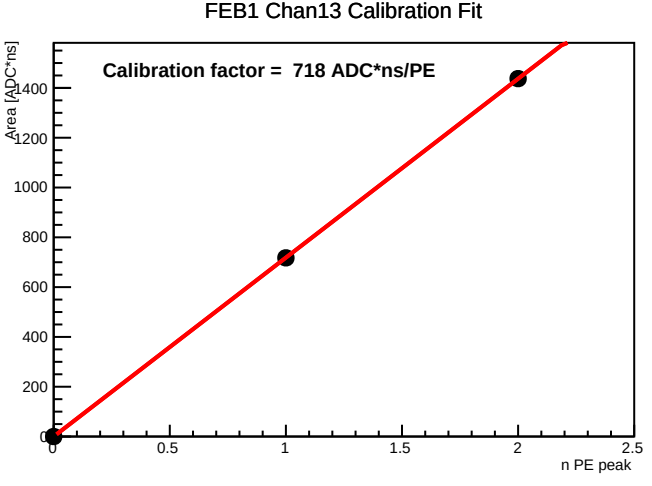

FEB1 Chan12 Calibration Fit
Calibration factor = 725 ADC*ns/PE
Area [ADC*ns]
n PE peak

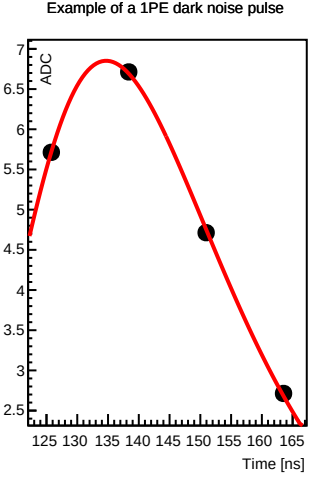

Example of a 1PE dark noise pulse
ADC
Time [ns]

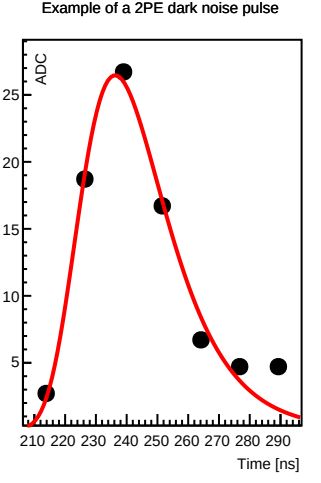

Example of a 2PE dark noise pulse
ADC
Time [ns]

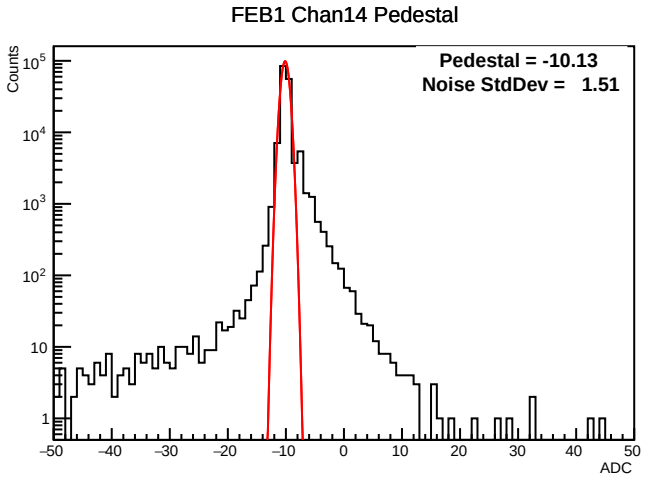

FEB1 Chan13 Pedestal
Pedestal = 0.29
Noise StdDev = 2.69
Counts
ADC

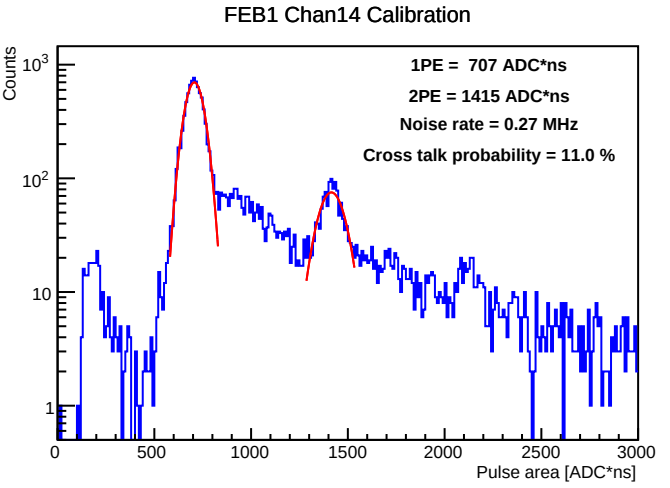

FEB1 Chan13 Calibration
1PE = 718 ADC*ns
2PE = 1437 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 11.6 %
Counts
Pulse area [ADC*ns]

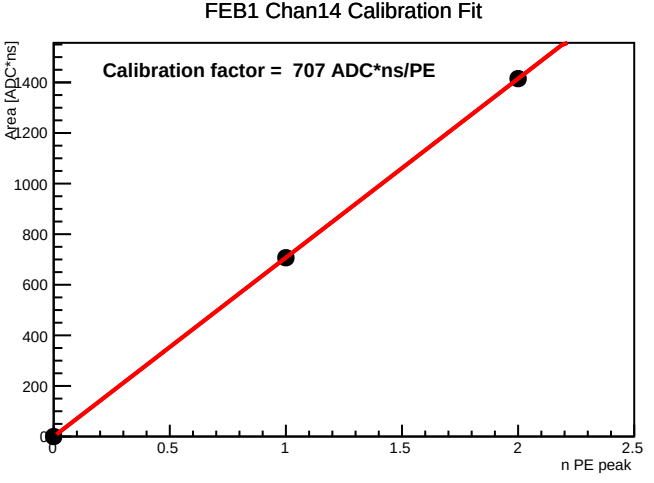

FEB1 Chan13 Calibration Fit
Calibration factor = 718 ADC*ns/PE
Area [ADC*ns]
n PE peak

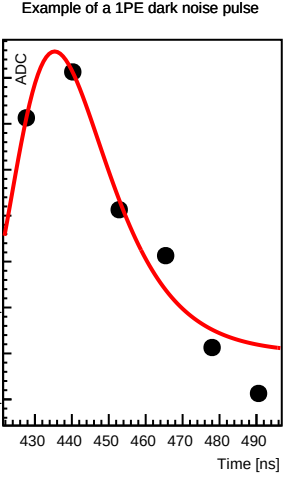

Example of a 1PE dark noise pulse
ADC
Time [ns]

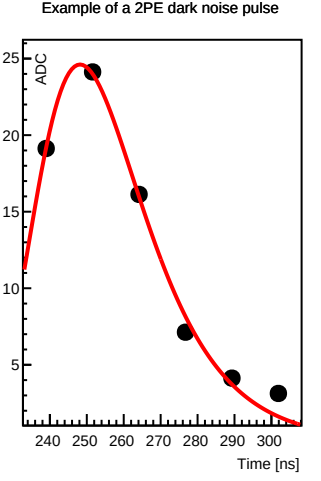

Example of a 2PE dark noise pulse
ADC
Time [ns]

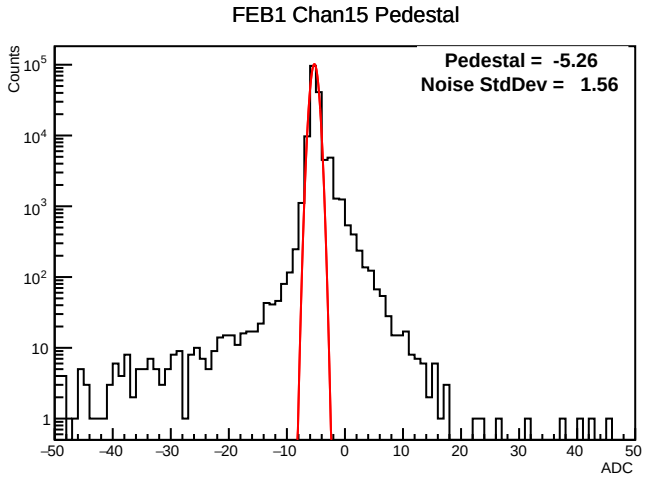

FEB1 Chan14 Pedestal
Pedestal = -10.13
Noise StdDev = 1.51
Counts
ADC

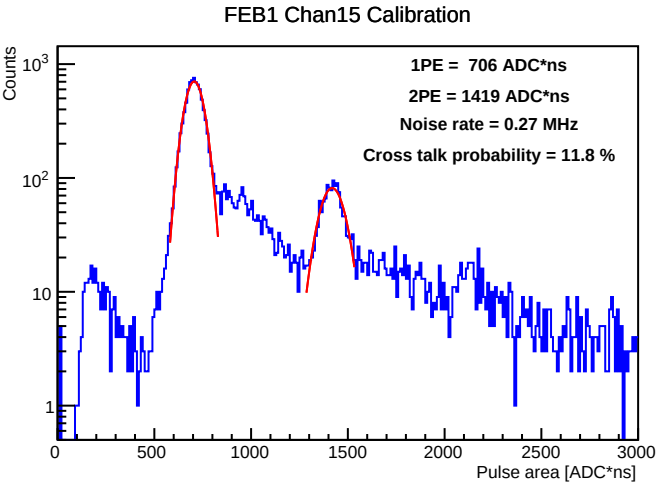

FEB1 Chan14 Calibration
1PE = 707 ADC*ns
2PE = 1415 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 11.0 %
Counts
Pulse area [ADC*ns]

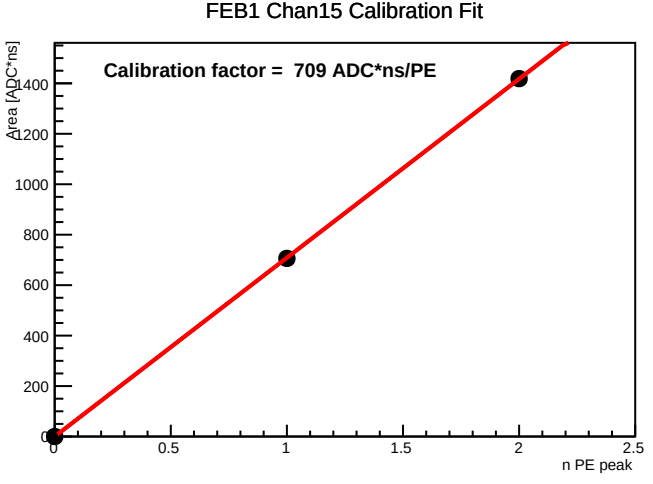

FEB1 Chan14 Calibration Fit
Calibration factor = 707 ADC*ns/PE
Area [ADC*ns]
n PE peak

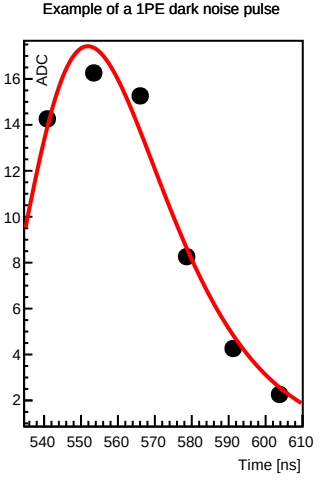

Example of a 1PE dark noise pulse
ADC
Time [ns]

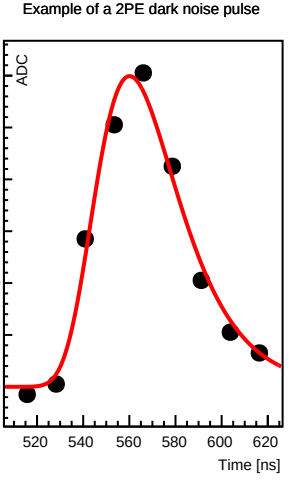

Example of a 2PE dark noise pulse
ADC
Time [ns]

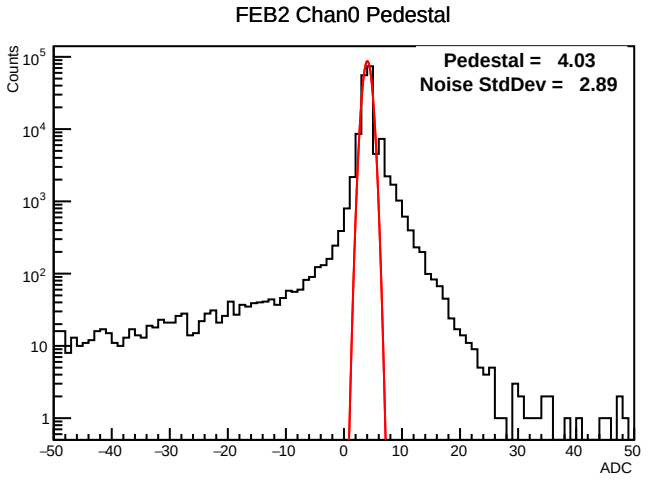

FEB1 Chan15 Pedestal
Pedestal = -5.26
Noise StdDev = 1.56
Counts
ADC

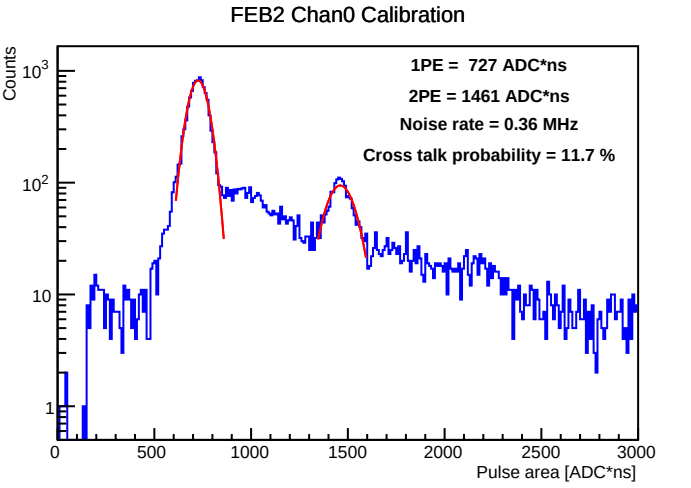

FEB1 Chan15 Calibration
1PE = 706 ADC*ns
2PE = 1419 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 11.8 %
Counts
Pulse area [ADC*ns]

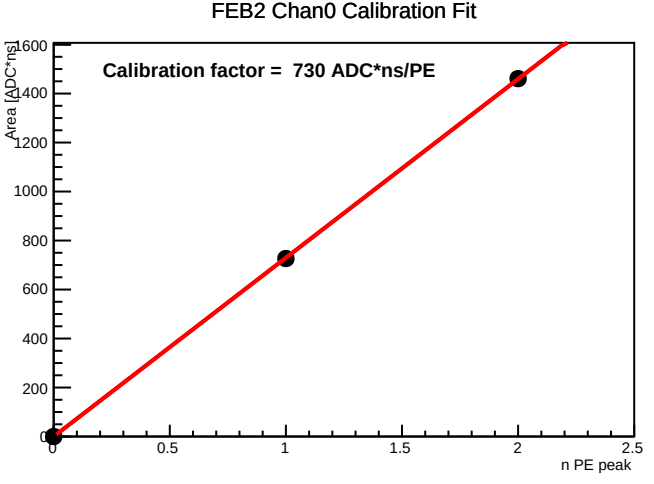

FEB1 Chan15 Calibration Fit
Calibration factor = 709 ADC*ns/PE
Area [ADC*ns]
n PE peak

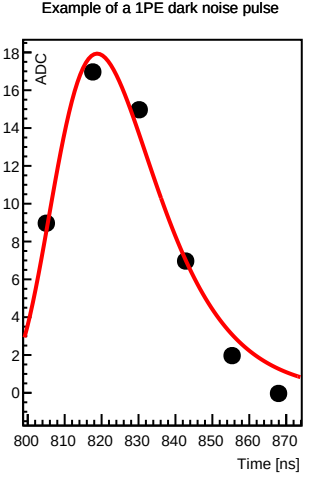

Example of a 1PE dark noise pulse
ADC
Time [ns]

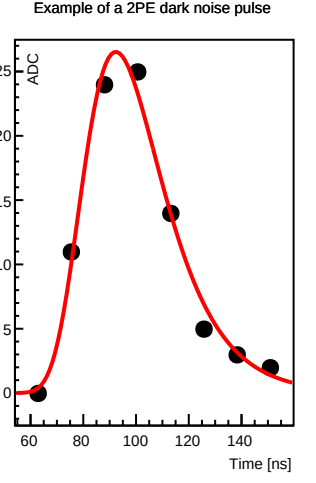

Example of a 2PE dark noise pulse
ADC
Time [ns]

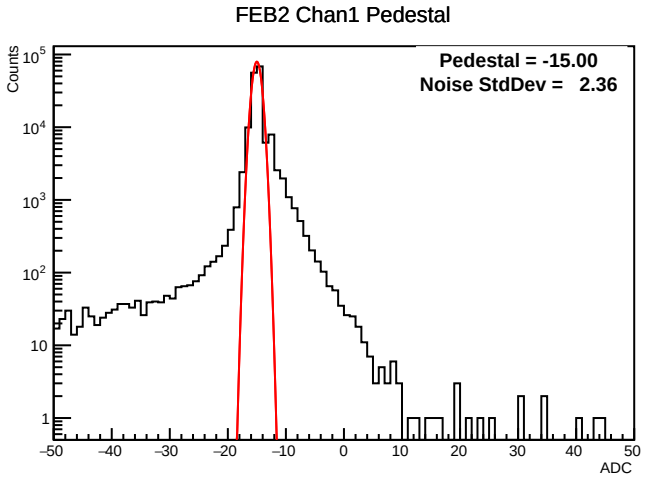

FEB2 Chan0 Pedestal
Pedestal = 4.03
Noise StdDev = 2.89
Counts
ADC

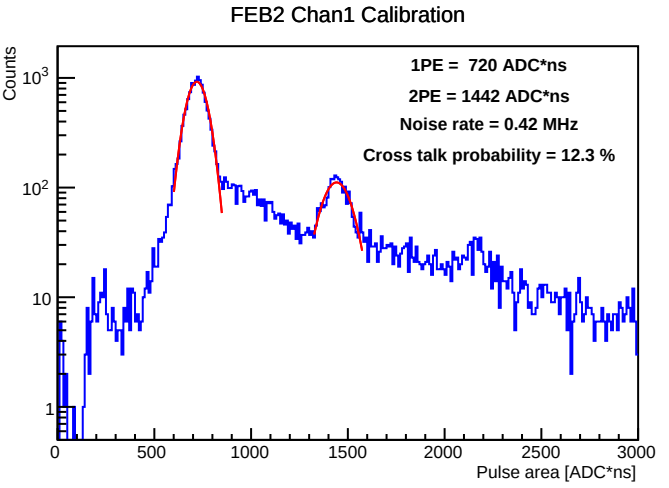

FEB2 Chan0 Calibration
1PE = 727 ADC*ns
2PE = 1461 ADC*ns
Noise rate = 0.36 MHz
Cross talk probability = 11.7 %
Counts
Pulse area [ADC*ns]

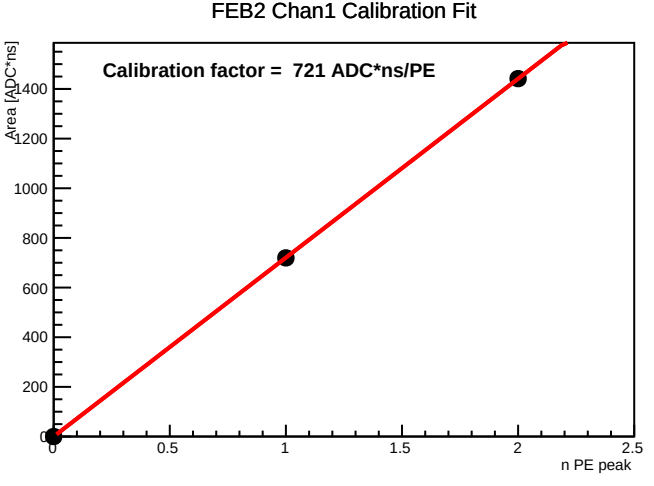

FEB2 Chan0 Calibration Fit
Calibration factor = 730 ADC*ns/PE
Area [ADC*ns]
n PE peak

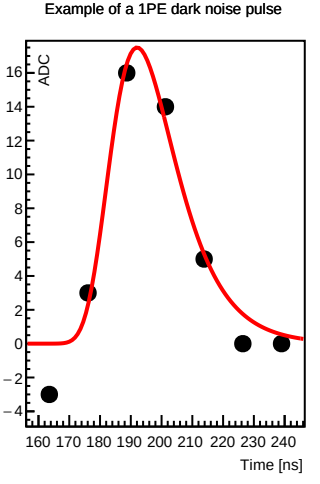

Example of a 1PE dark noise pulse
ADC
Time [ns]

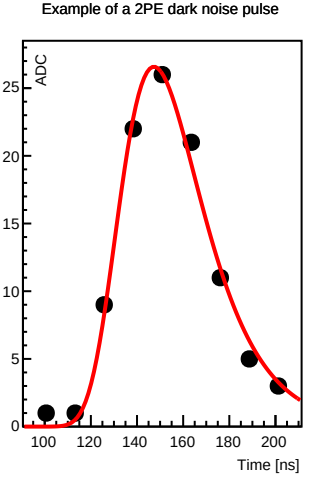

Example of a 2PE dark noise pulse
ADC
Time [ns]

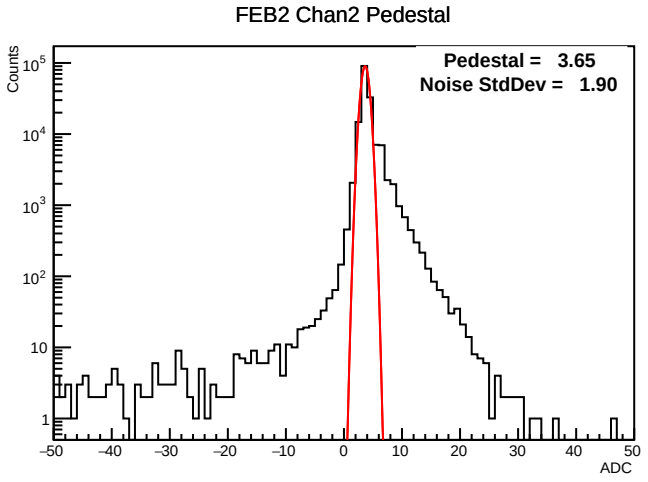

FEB2 Chan1 Pedestal
Pedestal = -15.00
Noise StdDev = 2.36
Counts
ADC

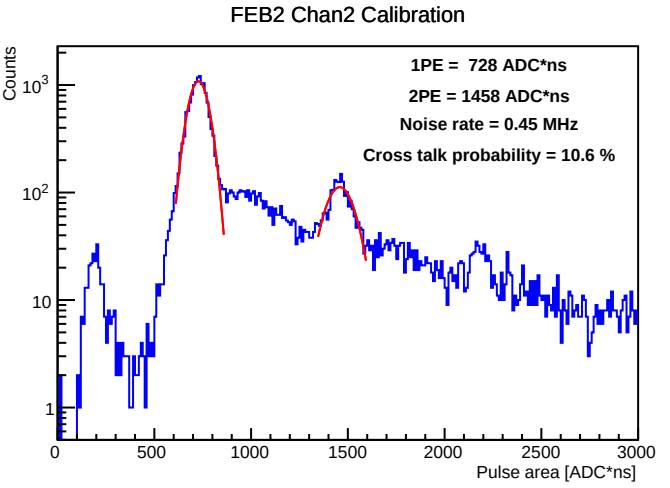

FEB2 Chan1 Calibration
1PE = 720 ADC*ns
2PE = 1442 ADC*ns
Noise rate = 0.42 MHz
Cross talk probability = 12.3 %
Counts
Pulse area [ADC*ns]

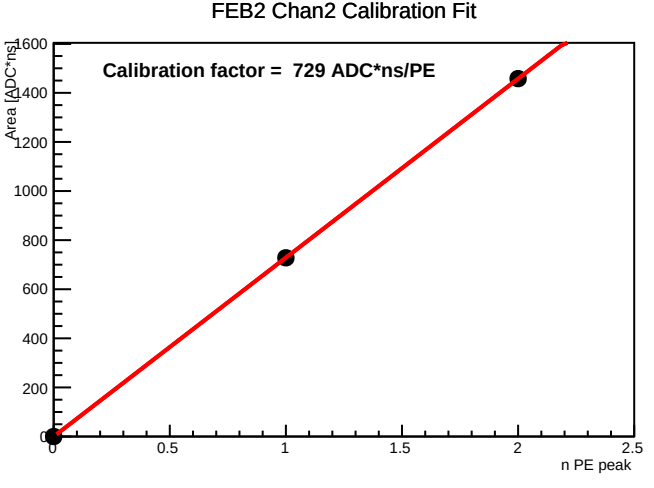

FEB2 Chan1 Calibration Fit
Calibration factor = 721 ADC*ns/PE
Area [ADC*ns]
n PE peak

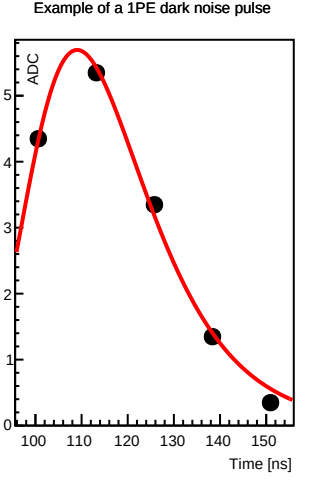

Example of a 1PE dark noise pulse
ADC
Time [ns]

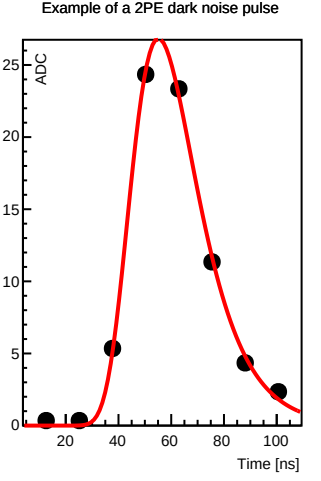

Example of a 2PE dark noise pulse
ADC
Time [ns]

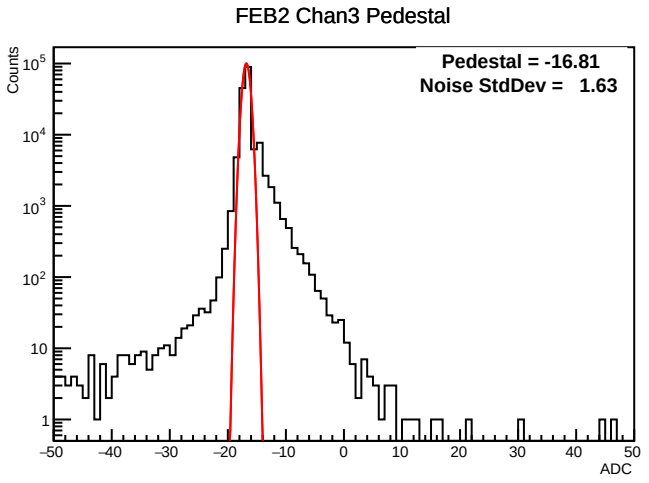

FEB2 Chan2 Pedestal
Pedestal = 3.65
Noise StdDev = 1.90
Counts
ADC

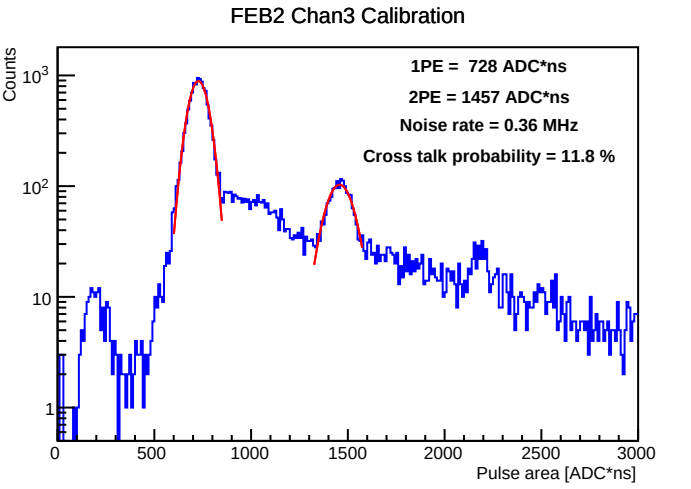

FEB2 Chan2 Calibration
1PE = 728 ADC*ns
2PE = 1458 ADC*ns
Noise rate = 0.45 MHz
Cross talk probability = 10.6 %
Counts
Pulse area [ADC*ns]

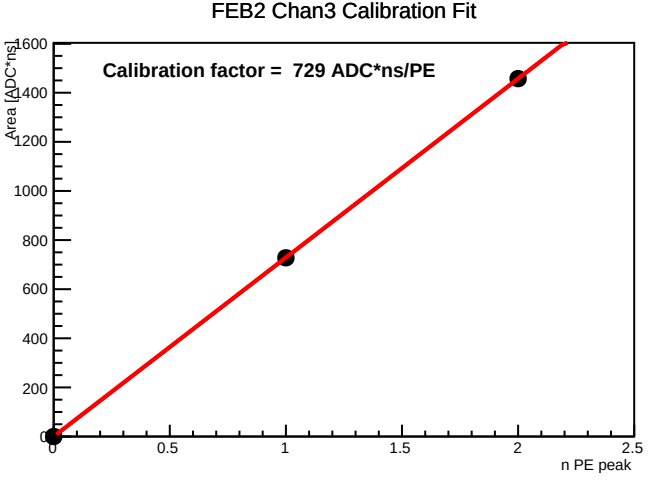

FEB2 Chan2 Calibration Fit
Calibration factor = 729 ADC*ns/PE
Area [ADC*ns]
n PE peak

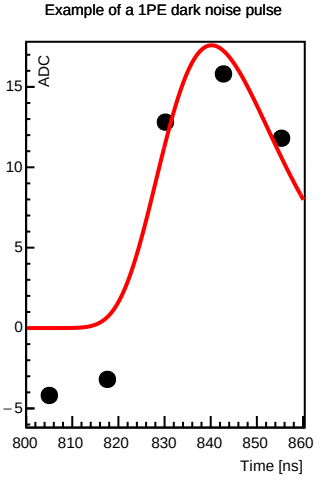

Example of a 1PE dark noise pulse
ADC
Time [ns]

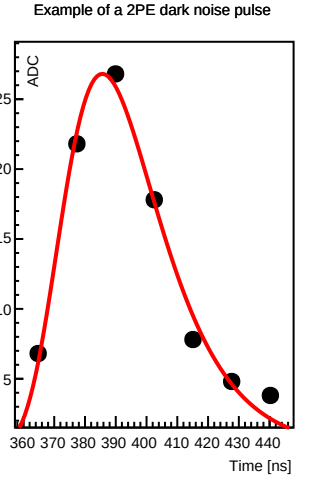

Example of a 2PE dark noise pulse
ADC
Time [ns]

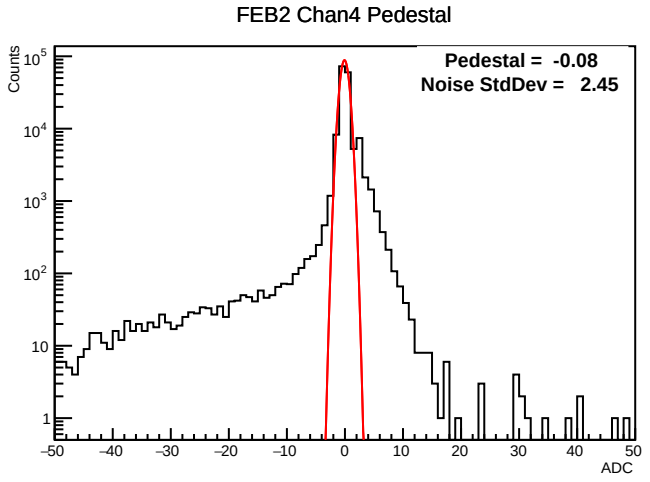

FEB2 Chan3 Pedestal
Pedestal = -16.81
Noise StdDev = 1.63
Counts
ADC

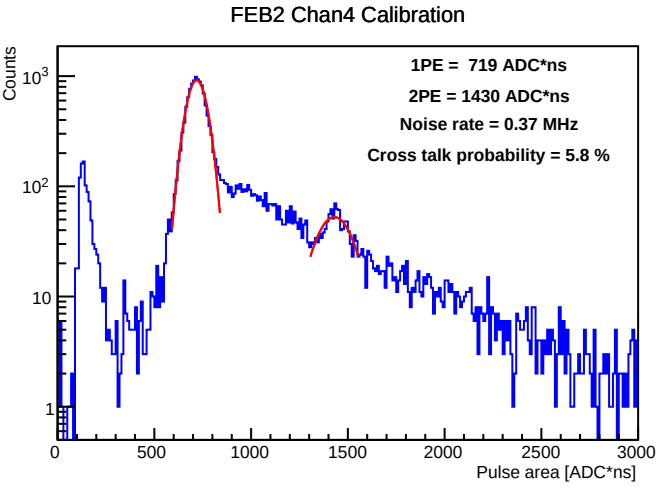

FEB2 Chan3 Calibration
1PE = 728 ADC*ns
2PE = 1457 ADC*ns
Noise rate = 0.36 MHz
Cross talk probability = 11.8 %
Counts
Pulse area [ADC*ns]

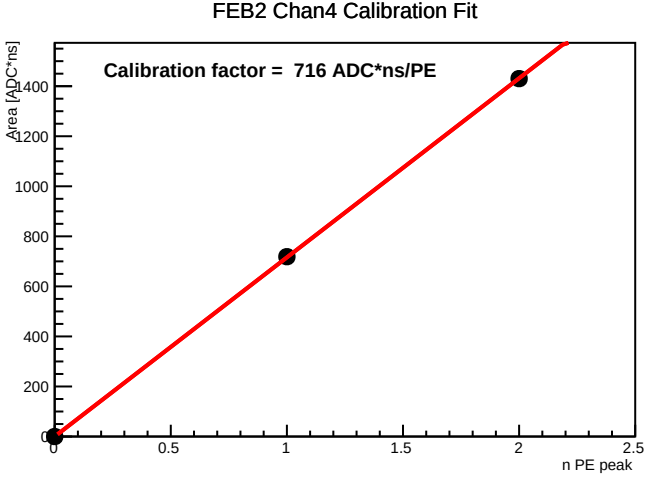

FEB2 Chan3 Calibration Fit
Calibration factor = 729 ADC*ns/PE
Area [ADC*ns]
n PE peak

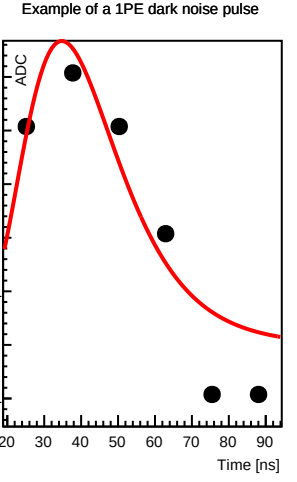

Example of a 1PE dark noise pulse
ADC
Time [ns]

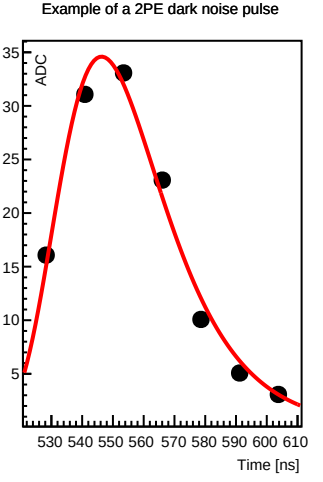

Example of a 2PE dark noise pulse
ADC
Time [ns]

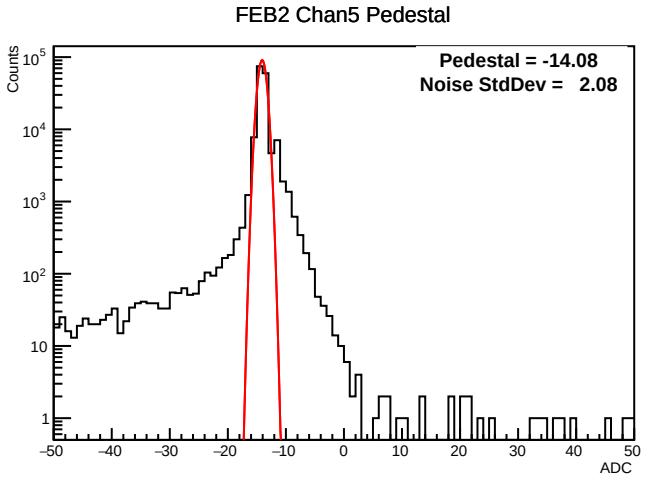

FEB2 Chan4 Pedestal
Pedestal = -0.08
Noise StdDev = 2.45
Counts
ADC

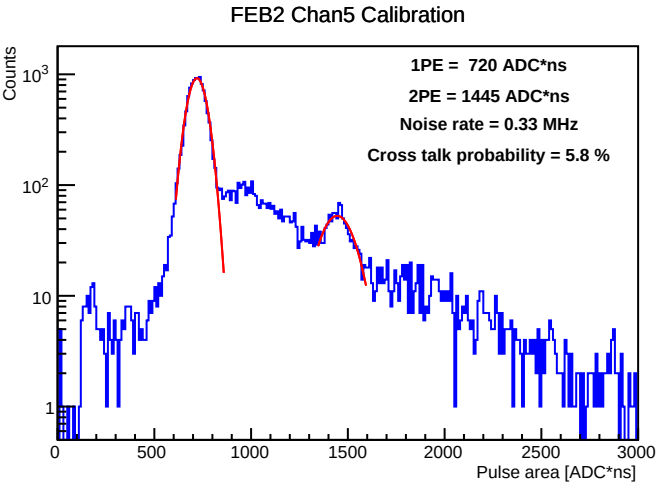

FEB2 Chan4 Calibration
1PE = 719 ADC*ns
2PE = 1430 ADC*ns
Noise rate = 0.37 MHz
Cross talk probability = 5.8 %
Counts
Pulse area [ADC*ns]

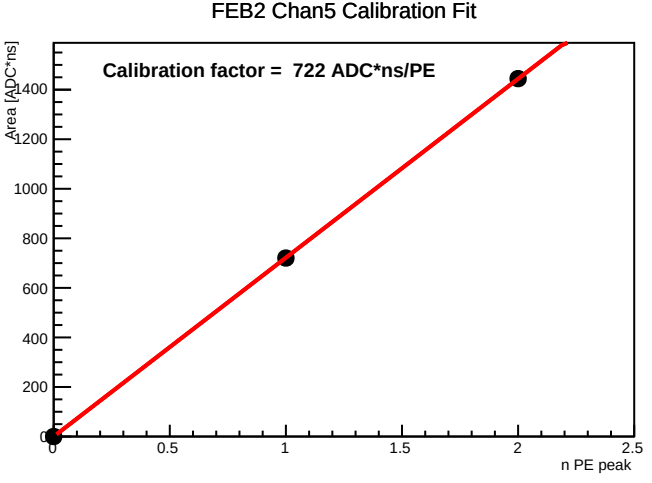

FEB2 Chan4 Calibration Fit
Calibration factor = 716 ADC*ns/PE
Area [ADC*ns]
n PE peak

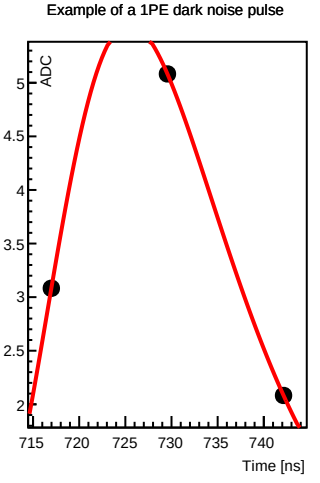

Example of a 1PE dark noise pulse
ADC
Time [ns]

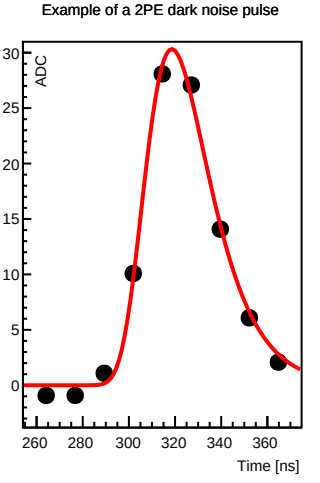

Example of a 2PE dark noise pulse
ADC
Time [ns]

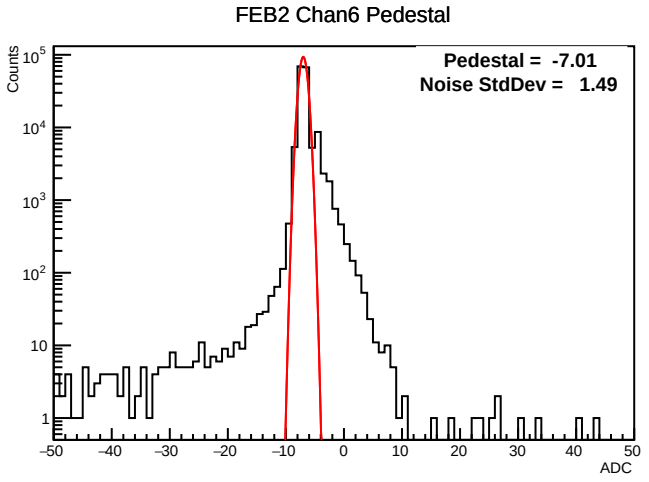

FEB2 Chan5 Pedestal
Pedestal = -14.08
Noise StdDev = 2.08
Counts
ADC

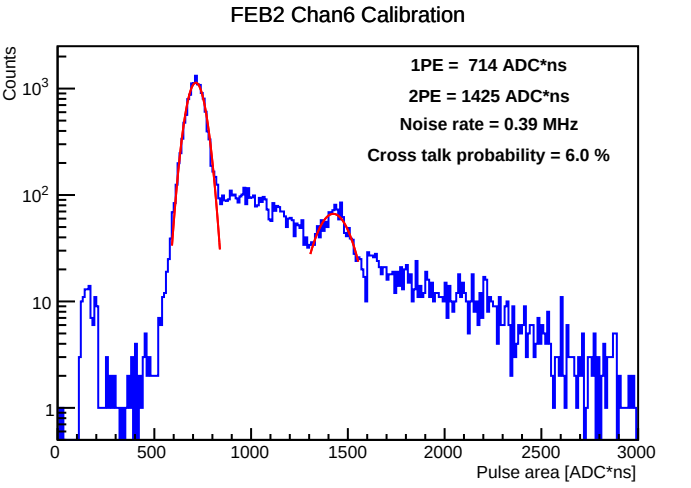

FEB2 Chan5 Calibration
1PE = 720 ADC*ns
2PE = 1445 ADC*ns
Noise rate = 0.33 MHz
Cross talk probability = 5.8 %
Counts
Pulse area [ADC*ns]

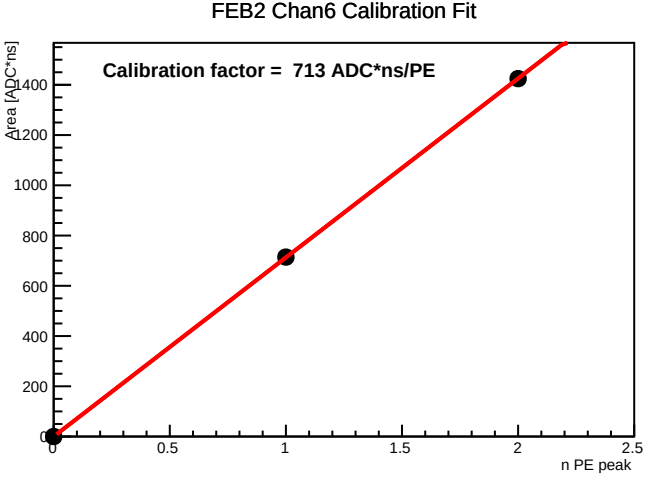

FEB2 Chan5 Calibration Fit
Calibration factor = 722 ADC*ns/PE
Area [ADC*ns]
n PE peak

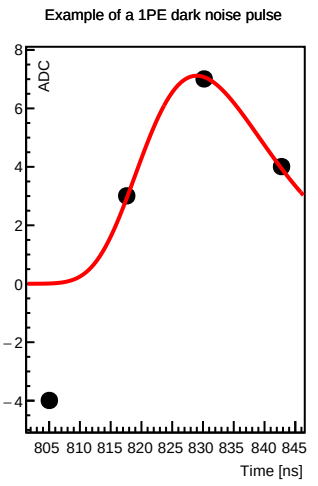

Example of a 1PE dark noise pulse
ADC
Time [ns]

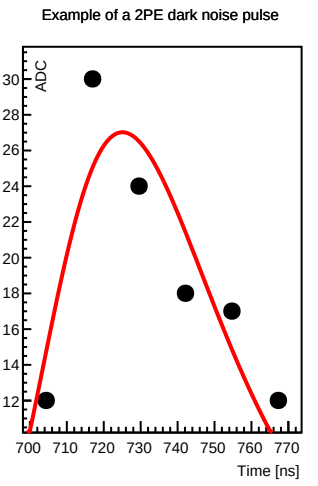

Example of a 2PE dark noise pulse
ADC
Time [ns]

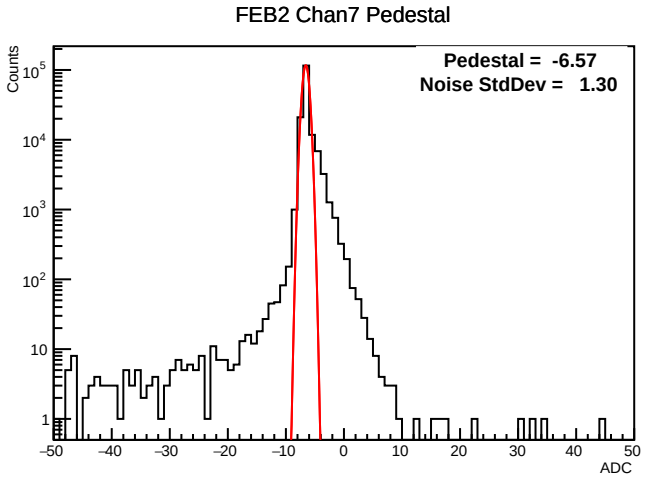

FEB2 Chan6 Pedestal
Pedestal = -7.01
Noise StdDev = 1.49
Counts
ADC

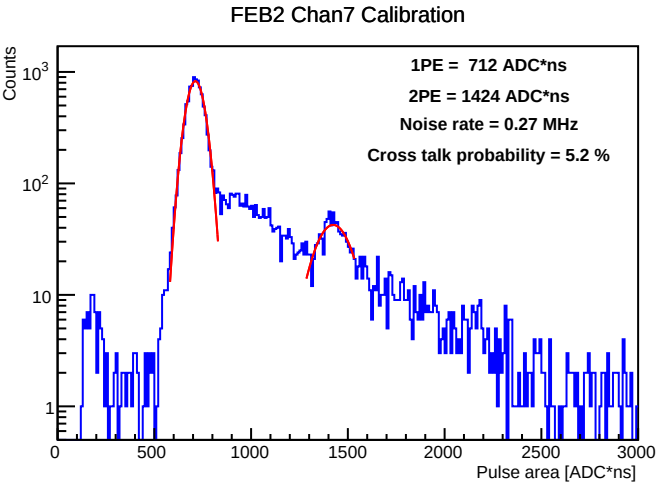

FEB2 Chan6 Calibration
1PE = 714 ADC*ns
2PE = 1425 ADC*ns
Noise rate = 0.39 MHz
Cross talk probability = 6.0 %
Counts
Pulse area [ADC*ns]

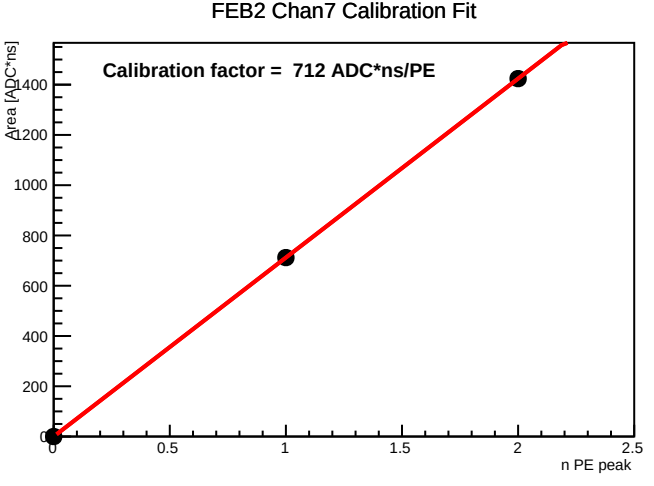

FEB2 Chan6 Calibration Fit
Calibration factor = 713 ADC*ns/PE
Area [ADC*ns]
n PE peak

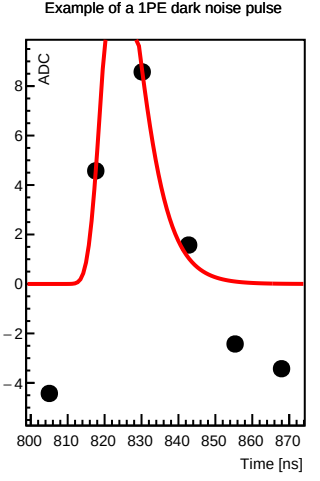

Example of a 1PE dark noise pulse
ADC
Time [ns]

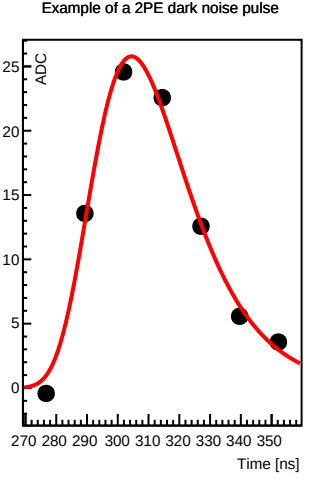

Example of a 2PE dark noise pulse
ADC
Time [ns]

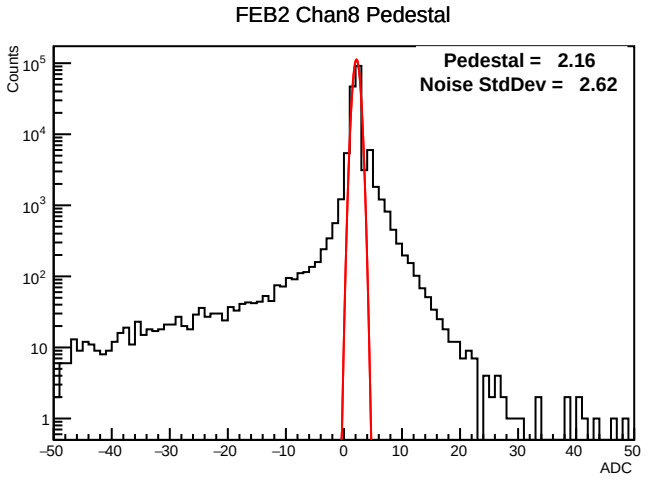

FEB2 Chan7 Pedestal
Pedestal = -6.57
Noise StdDev = 1.30
Counts
ADC

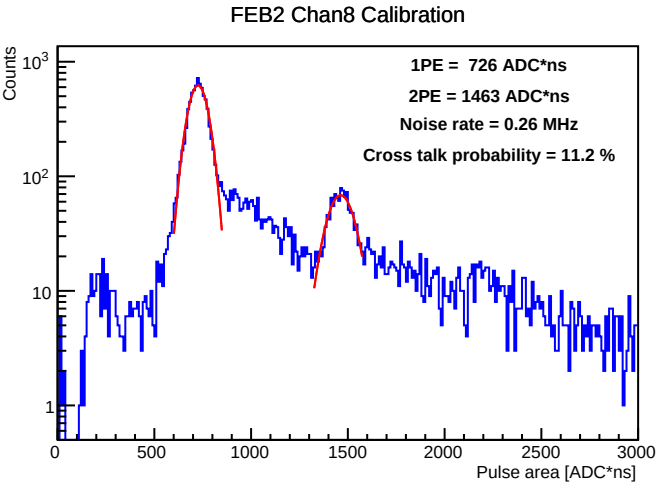

FEB2 Chan7 Calibration
1PE = 712 ADC*ns
2PE = 1424 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 5.2 %
Counts
Pulse area [ADC*ns]

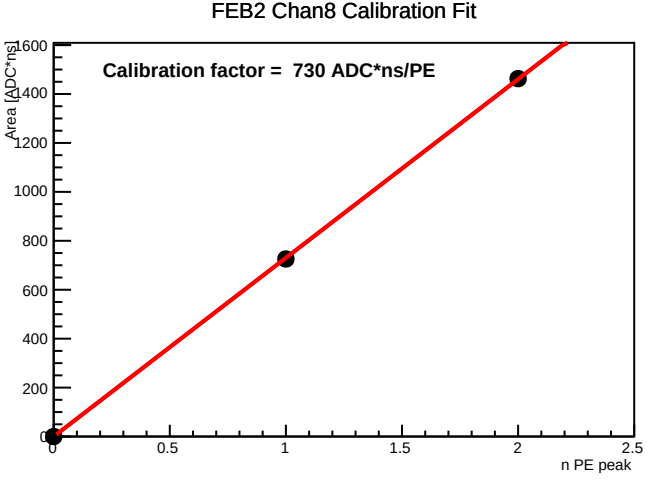

FEB2 Chan7 Calibration Fit
Calibration factor = 712 ADC*ns/PE
Area [ADC*ns]
n PE peak

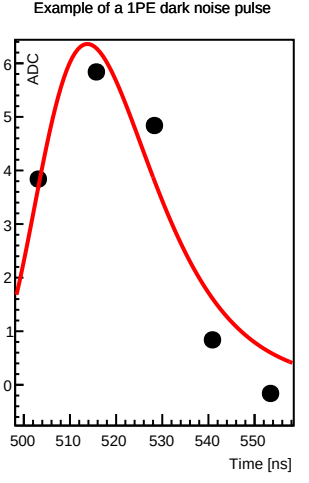

Example of a 1PE dark noise pulse
ADC
Time [ns]

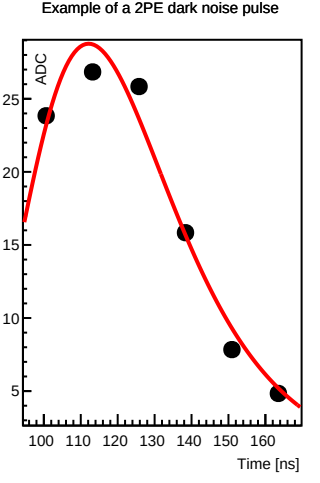

Example of a 2PE dark noise pulse
ADC
Time [ns]

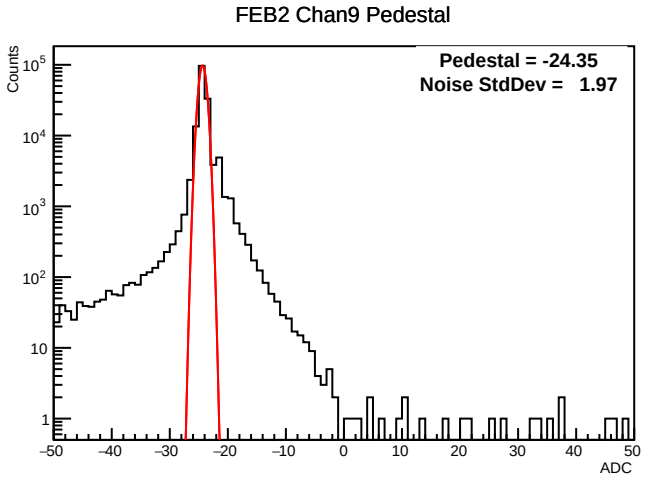

FEB2 Chan8 Pedestal
Pedestal = 2.16
Noise StdDev = 2.62
Counts
ADC

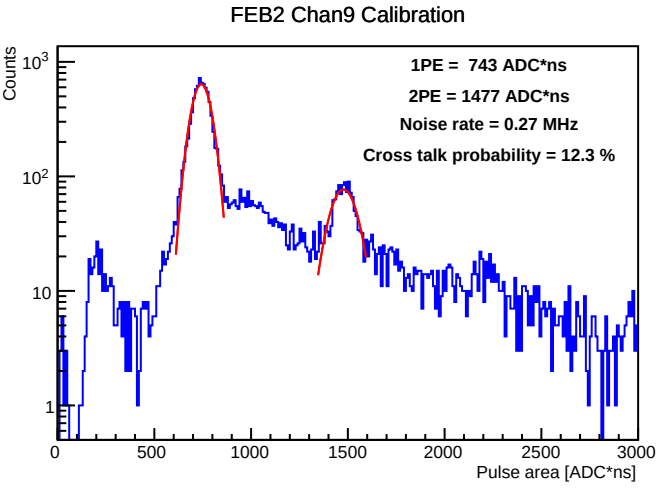

FEB2 Chan8 Calibration
1PE = 726 ADC*ns
2PE = 1463 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 11.2 %
Counts
Pulse area [ADC*ns]

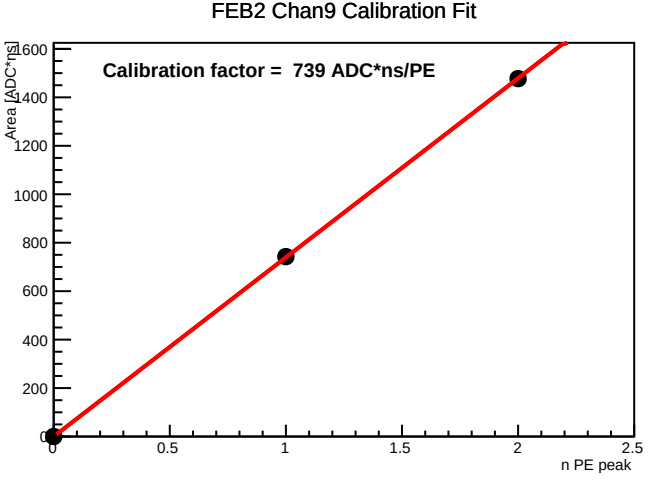

FEB2 Chan8 Calibration Fit
Calibration factor = 730 ADC*ns/PE
Area [ADC*ns]
n PE peak

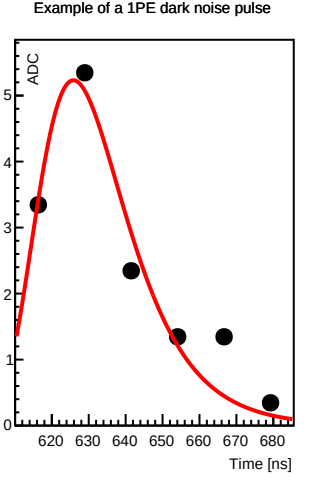

Example of a 1PE dark noise pulse
ADC
Time [ns]

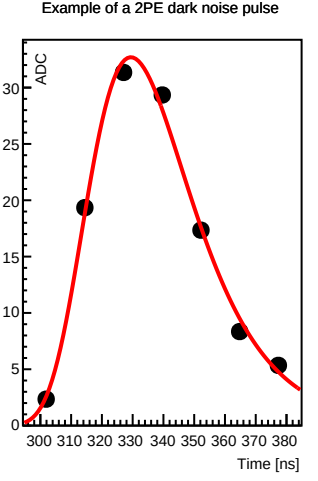

Example of a 2PE dark noise pulse
ADC
Time [ns]

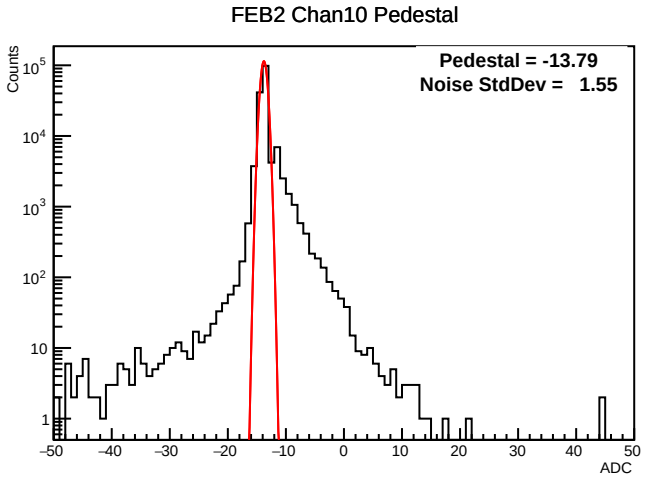

FEB2 Chan9 Pedestal
Pedestal = -24.35
Noise StdDev = 1.97
Counts
ADC

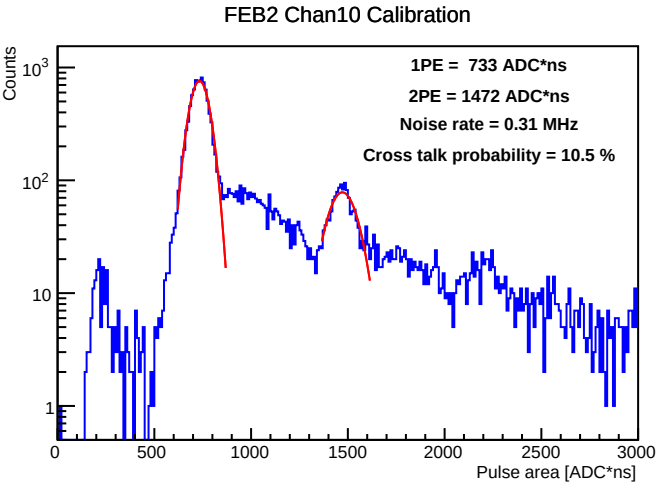

FEB2 Chan9 Calibration
1PE = 743 ADC*ns
2PE = 1477 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 12.3 %
Counts
Pulse area [ADC*ns]

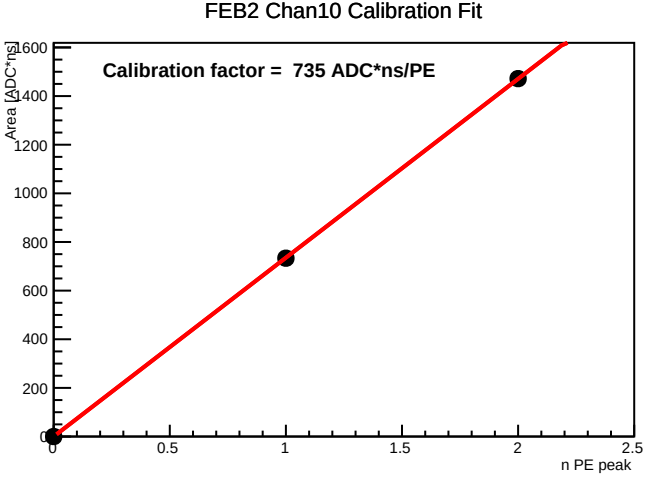

FEB2 Chan9 Calibration Fit
Calibration factor = 739 ADC*ns/PE
Area [ADC*ns]
n PE peak

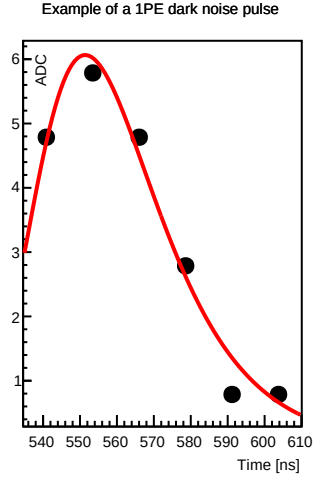

Example of a 1PE dark noise pulse
ADC
Time [ns]

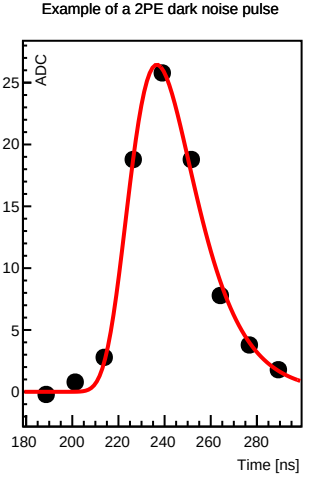

Example of a 2PE dark noise pulse
ADC
Time [ns]

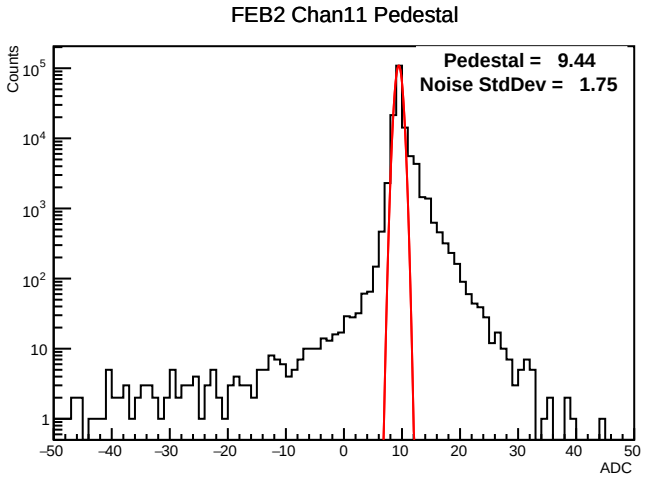

FEB2 Chan10 Pedestal
Pedestal = -13.79
Noise StdDev = 1.55
Counts
ADC

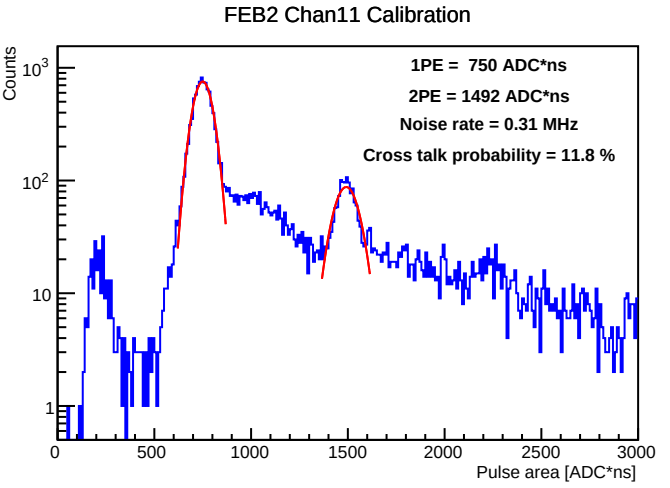

FEB2 Chan10 Calibration
1PE = 733 ADC*ns
2PE = 1472 ADC*ns
Noise rate = 0.31 MHz
Cross talk probability = 10.5 %
Counts
Pulse area [ADC*ns]

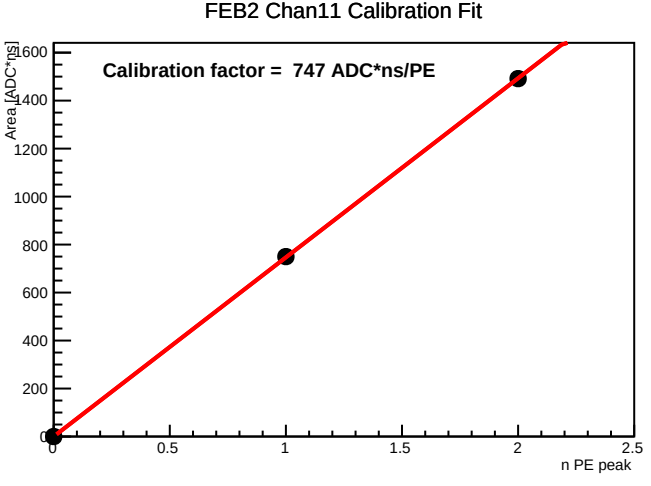

FEB2 Chan10 Calibration Fit
Calibration factor = 735 ADC*ns/PE
Area [ADC*ns]
n PE peak

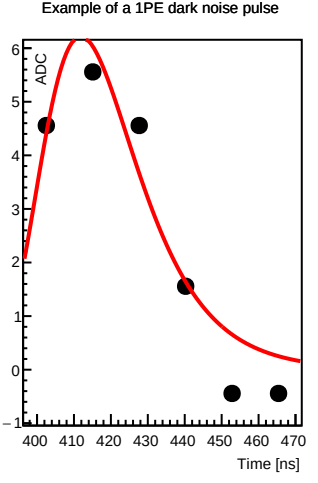

Example of a 1PE dark noise pulse
ADC
Time [ns]

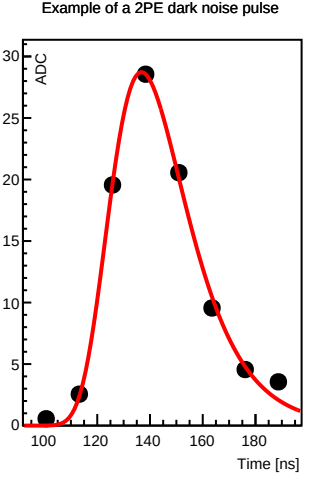

Example of a 2PE dark noise pulse
ADC
Time [ns]

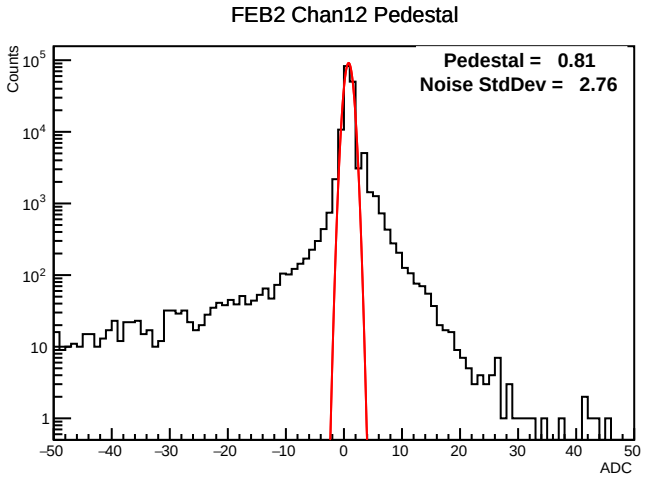

FEB2 Chan11 Pedestal
Pedestal = 9.44
Noise StdDev = 1.75
Counts
ADC

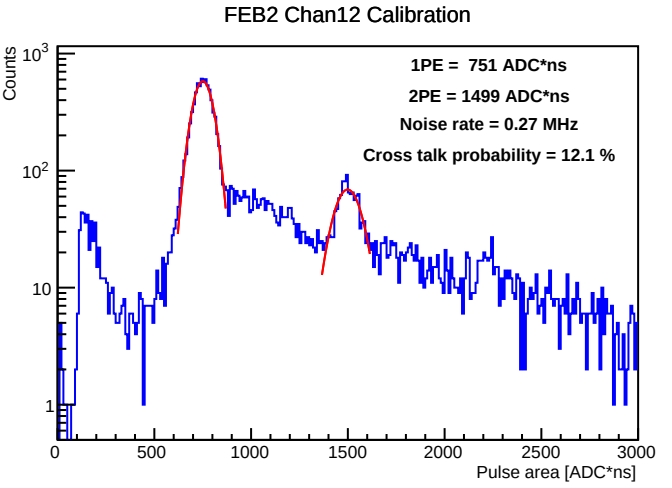

FEB2 Chan11 Calibration
1PE = 750 ADC*ns
2PE = 1492 ADC*ns
Noise rate = 0.31 MHz
Cross talk probability = 11.8 %
Counts
Pulse area [ADC*ns]

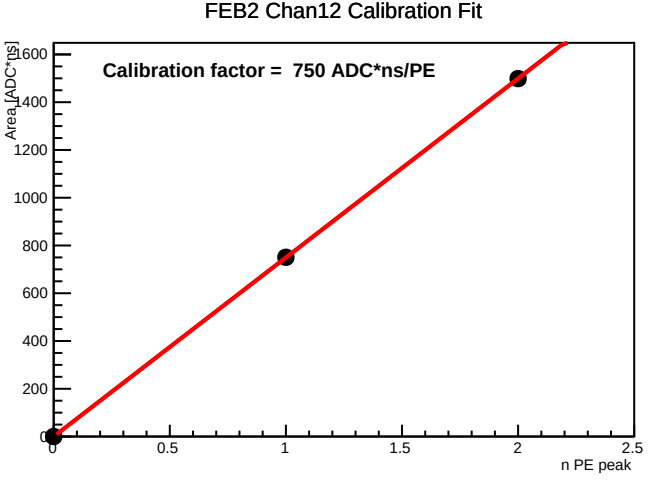

FEB2 Chan11 Calibration Fit
Calibration factor = 747 ADC*ns/PE
Area [ADC*ns]
n PE peak

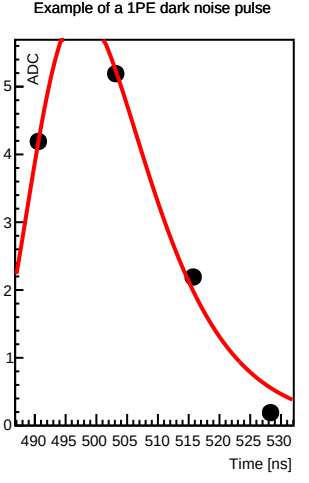

Example of a 1PE dark noise pulse
ADC
Time [ns]

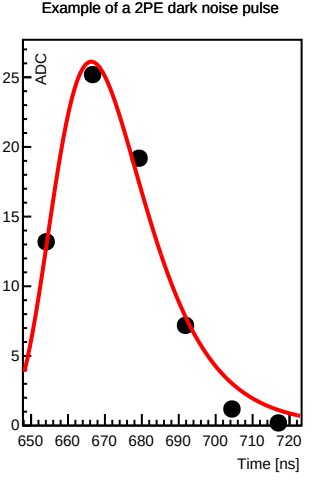

Example of a 2PE dark noise pulse
ADC
Time [ns]

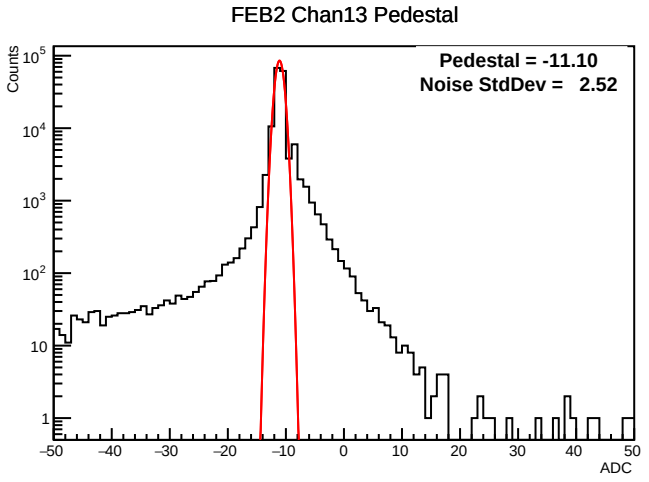

FEB2 Chan12 Pedestal
Pedestal = 0.81
Noise StdDev = 2.76
Counts
ADC

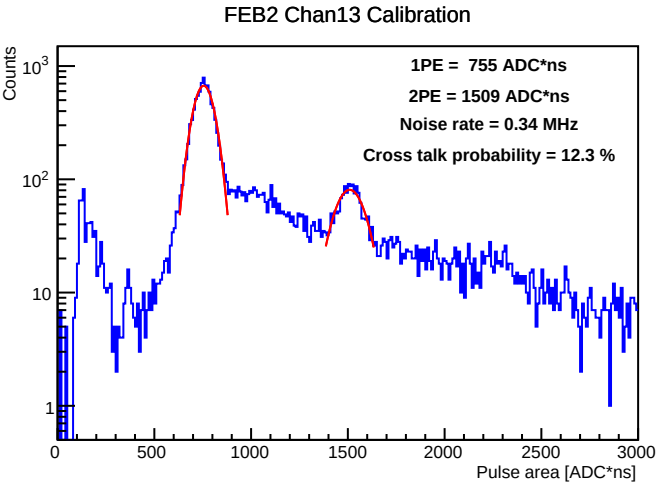

FEB2 Chan12 Calibration
1PE = 751 ADC*ns
2PE = 1499 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 12.1 %
Counts
Pulse area [ADC*ns]

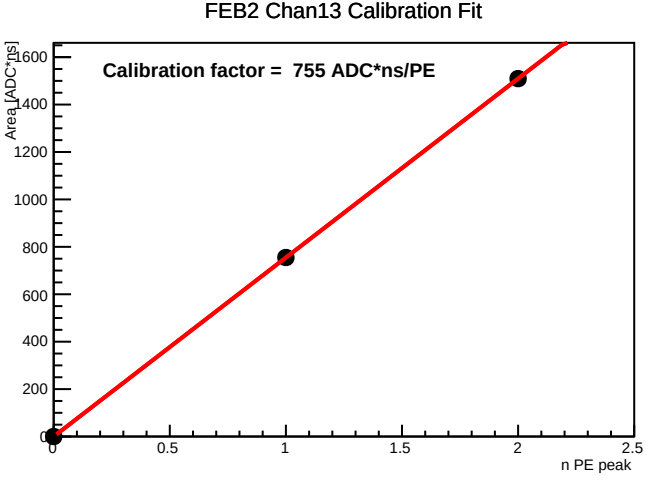

FEB2 Chan12 Calibration Fit
Calibration factor = 750 ADC*ns/PE
Area [ADC*ns]
n PE peak

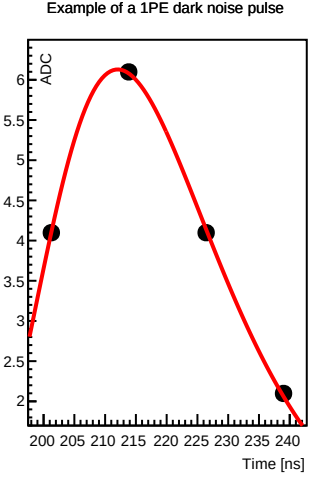

Example of a 1PE dark noise pulse
ADC
Time [ns]

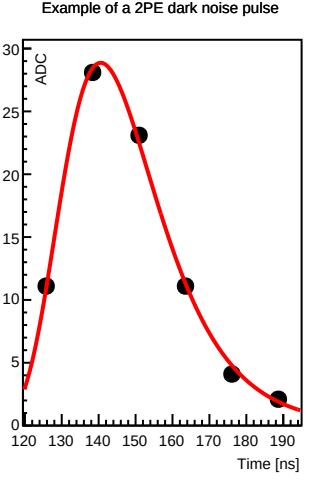

Example of a 2PE dark noise pulse
ADC
Time [ns]

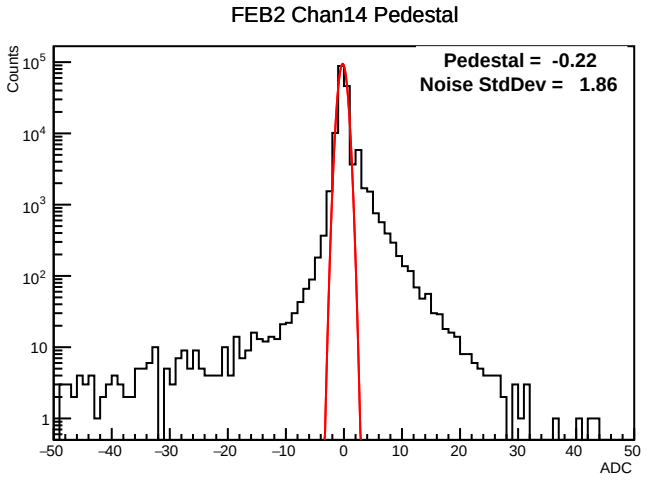

FEB2 Chan13 Pedestal
Pedestal = -11.10
Noise StdDev = 2.52
Counts
ADC

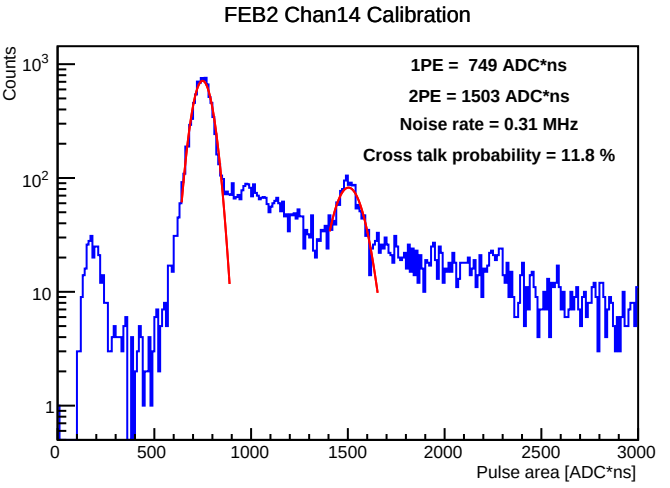

FEB2 Chan13 Calibration
1PE = 755 ADC*ns
2PE = 1509 ADC*ns
Noise rate = 0.34 MHz
Cross talk probability = 12.3 %
Counts
Pulse area [ADC*ns]

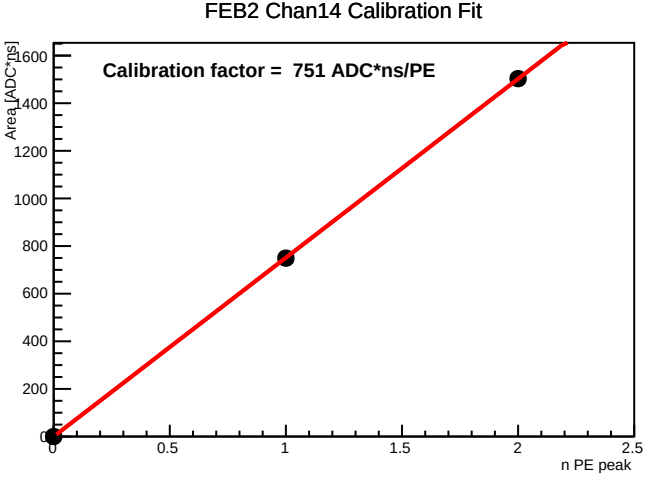

FEB2 Chan13 Calibration Fit
Calibration factor = 755 ADC*ns/PE
Area [ADC*ns]
n PE peak

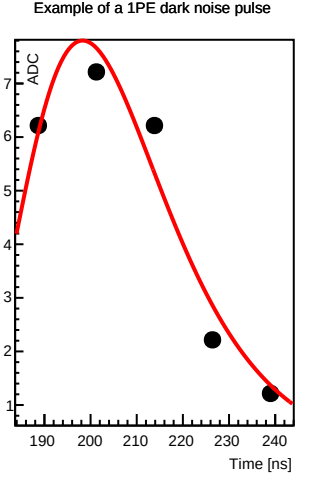

Example of a 1PE dark noise pulse
ADC
Time [ns]

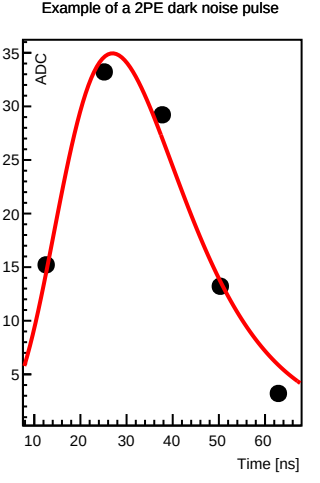

Example of a 2PE dark noise pulse
ADC
Time [ns]

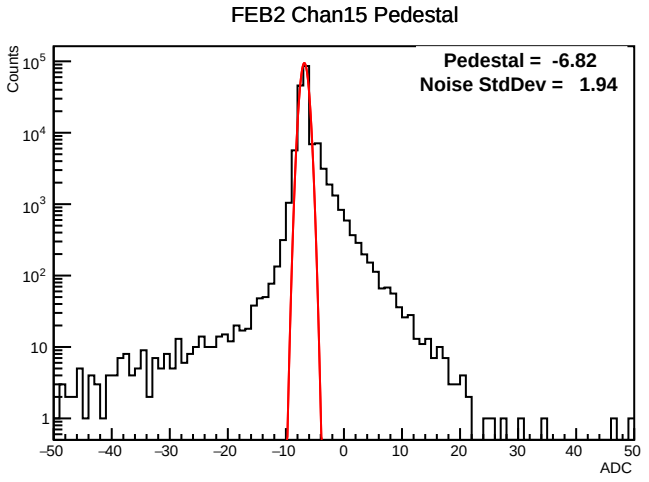

FEB2 Chan14 Pedestal
Pedestal = -0.22
Noise StdDev = 1.86
Counts
ADC

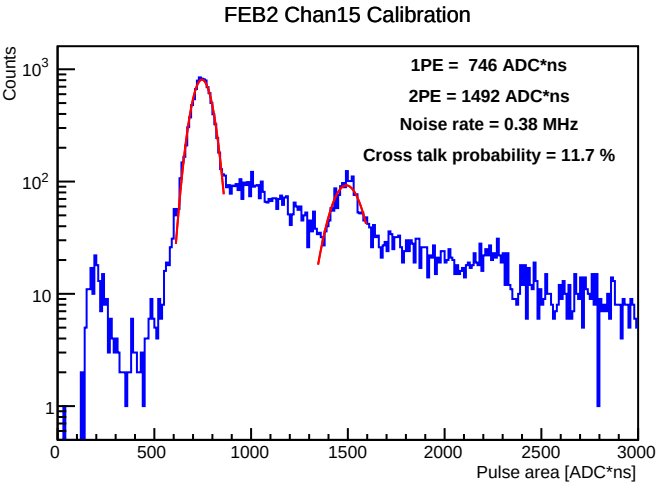

FEB2 Chan14 Calibration
1PE = 749 ADC*ns
2PE = 1503 ADC*ns
Noise rate = 0.31 MHz
Cross talk probability = 11.8 %
Counts
Pulse area [ADC*ns]

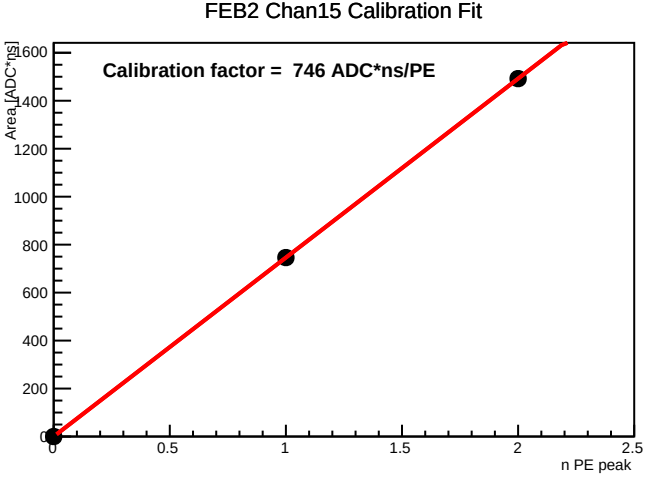

FEB2 Chan14 Calibration Fit
Calibration factor = 751 ADC*ns/PE
Area [ADC*ns]
n PE peak

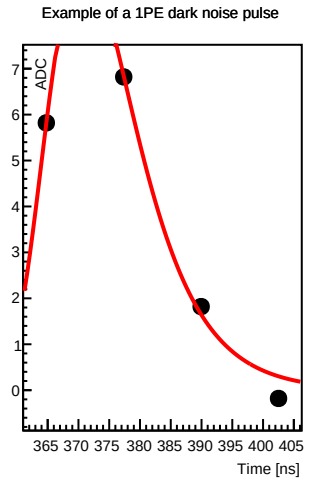

Example of a 1PE dark noise pulse
ADC
Time [ns]

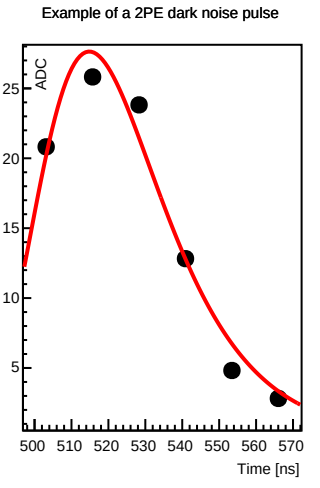

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB2 Chan15 Pedestal
Pedestal = -6.82
Noise StdDev = 1.94
Counts
ADC


FEB2 Chan15 Calibration
1PE = 746 ADC*ns
2PE = 1492 ADC*ns
Noise rate = 0.38 MHz
Cross talk probability = 11.7 %
Counts
Pulse area [ADC*ns]


FEB2 Chan15 Calibration Fit
Calibration factor = 746 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]