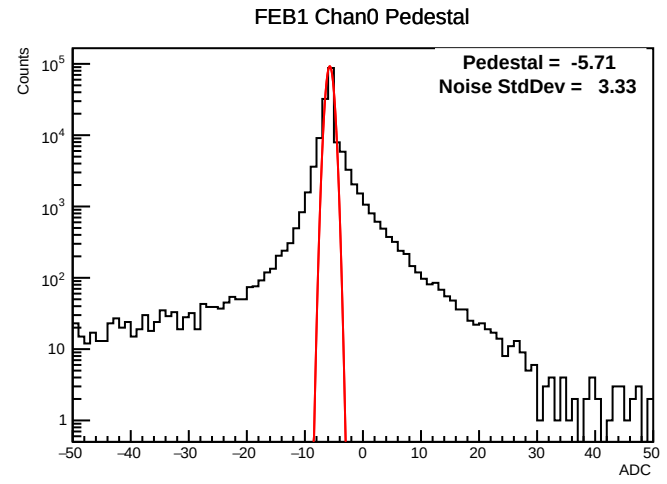
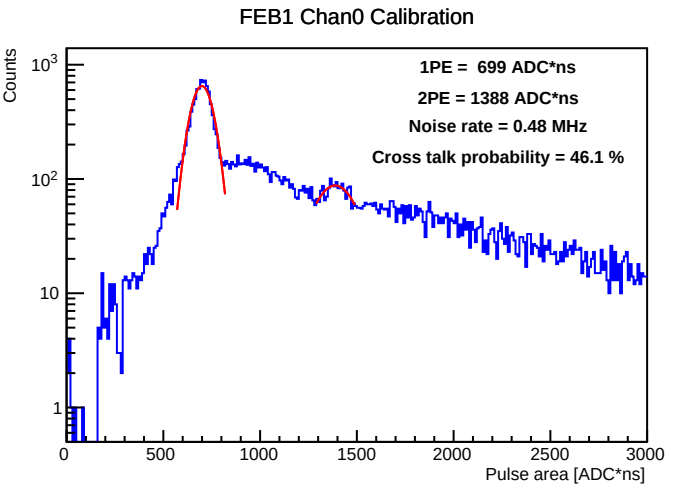
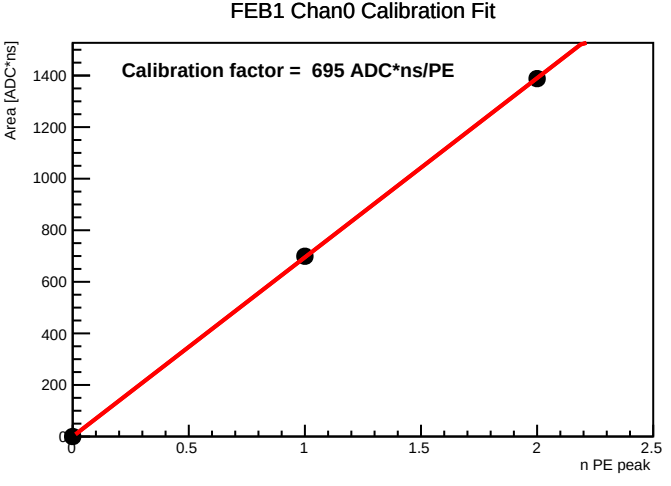
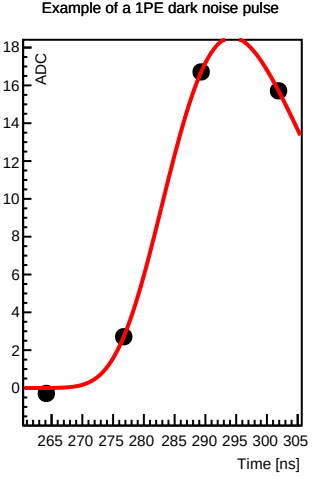
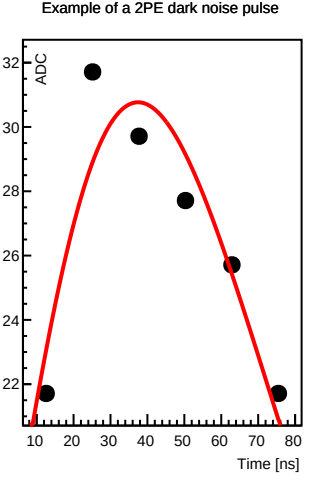
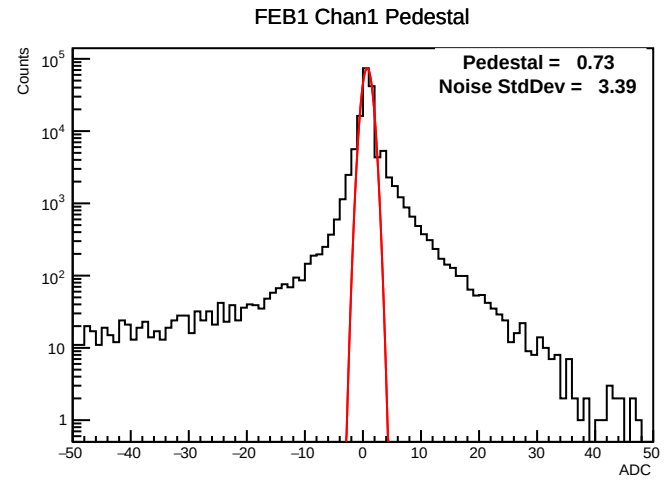

FEB1 Chan0 Pedestal
Pedestal = -5.71
Noise StdDev = 3.33
Counts
ADC

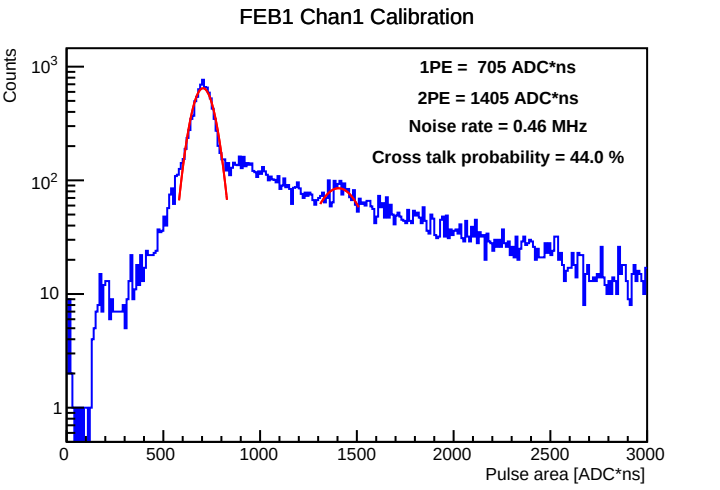

FEB1 Chan0 Calibration
1PE = 699 ADC*ns
2PE = 1388 ADC*ns
Noise rate = 0.48 MHz
Cross talk probability = 46.1 %
Counts
Pulse area [ADC*ns]

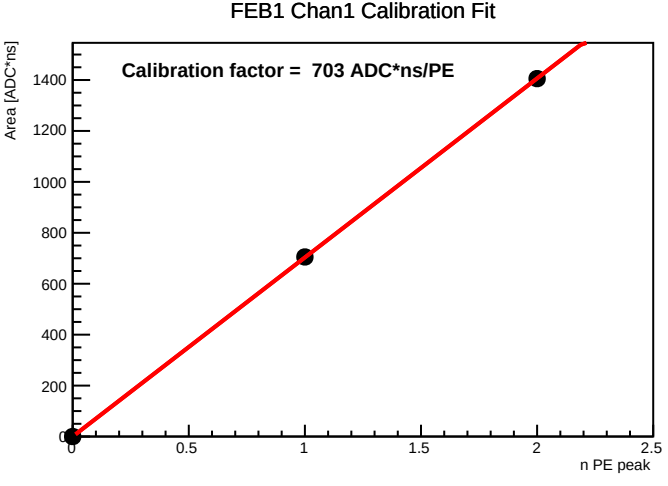

FEB1 Chan0 Calibration Fit
Calibration factor = 695 ADC*ns/PE
Area [ADC*ns]
n PE peak

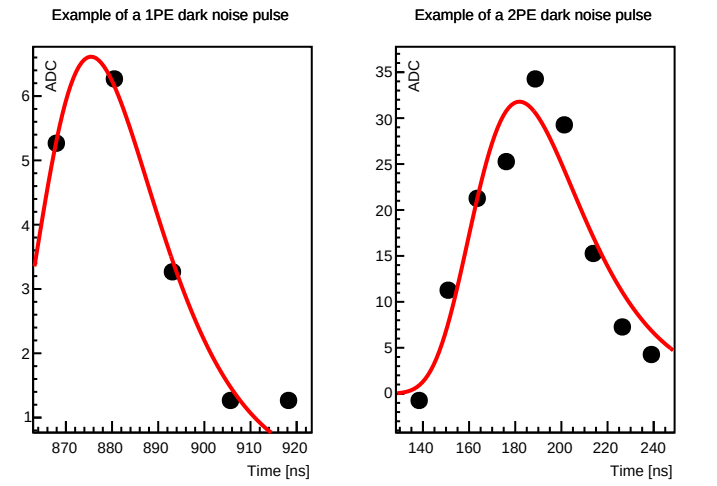

Example of a 1PE dark noise pulse
ADC
Time [ns]

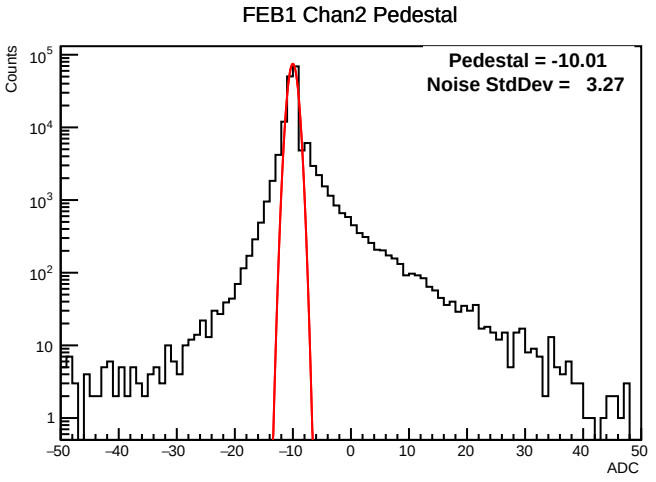

Example of a 2PE dark noise pulse
ADC
Time [ns]

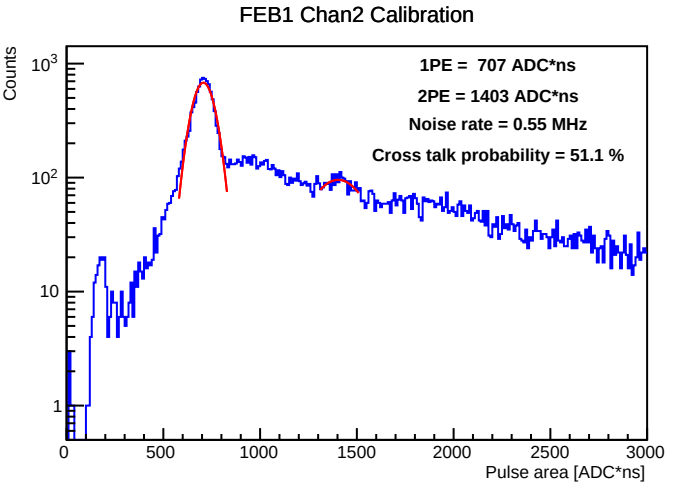

FEB1 Chan1 Pedestal
Pedestal = 0.73
Noise StdDev = 3.39
Counts
ADC

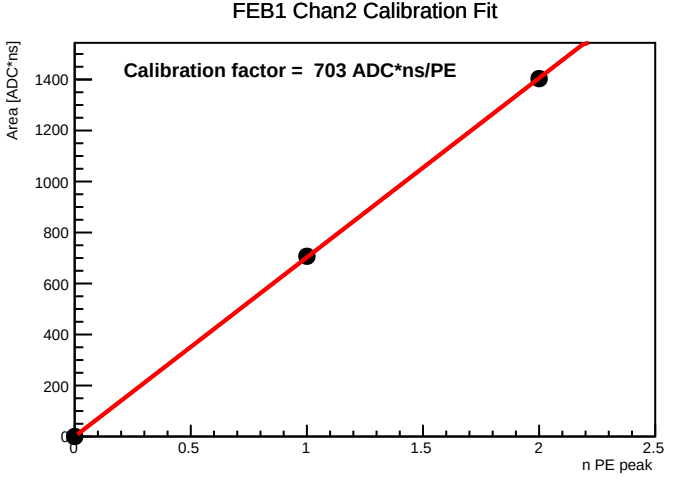

FEB1 Chan1 Calibration
1PE = 705 ADC*ns
2PE = 1405 ADC*ns
Noise rate = 0.46 MHz
Cross talk probability = 44.0 %
Counts
Pulse area [ADC*ns]

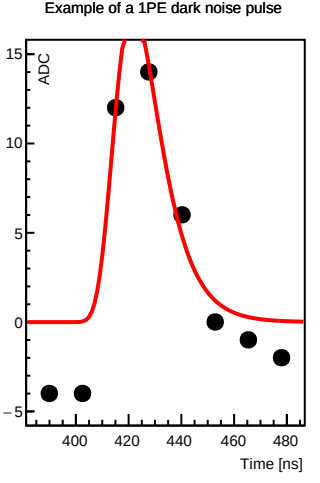

FEB1 Chan1 Calibration Fit
Calibration factor = 703 ADC*ns/PE
Area [ADC*ns]
n PE peak

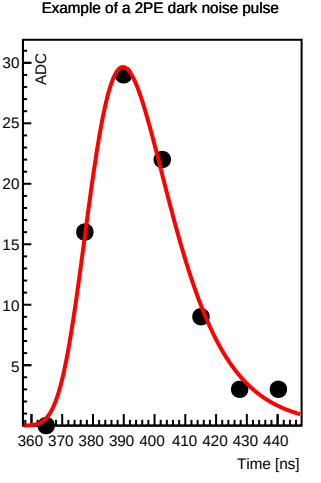

Example of a 1PE dark noise pulse
Example of a 2PE dark noise pulse
ADC
Time [ns]

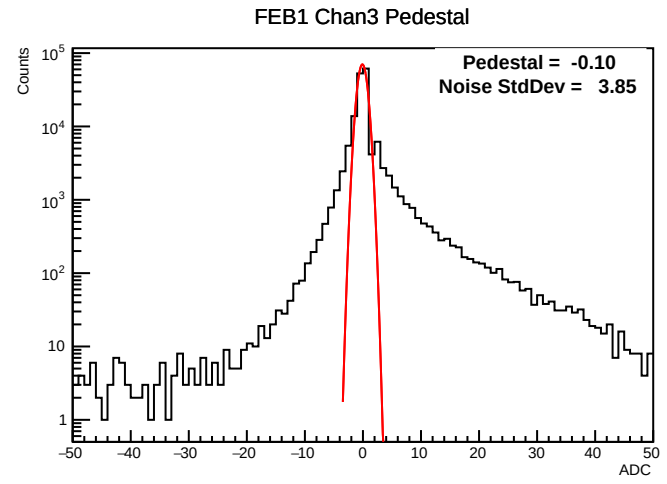

FEB1 Chan2 Pedestal
Pedestal = -10.01
Noise StdDev = 3.27
Counts
ADC

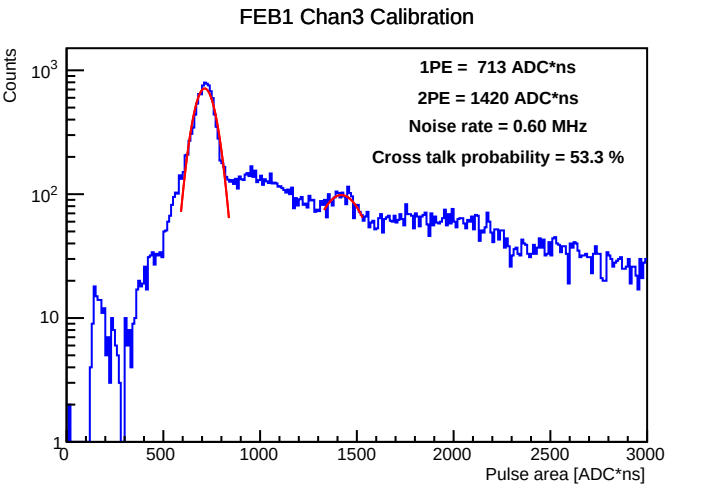

FEB1 Chan2 Calibration
1PE = 707 ADC*ns
2PE = 1403 ADC*ns
Noise rate = 0.55 MHz
Cross talk probability = 51.1 %
Counts
Pulse area [ADC*ns]

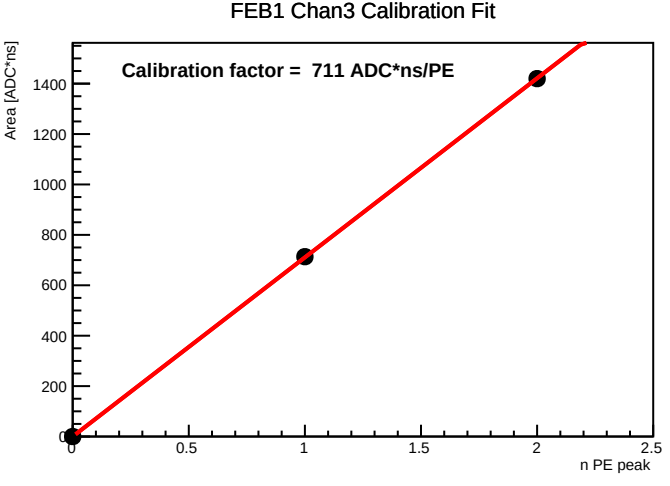

FEB1 Chan2 Calibration Fit
Calibration factor = 703 ADC*ns/PE
Area [ADC*ns]
n PE peak

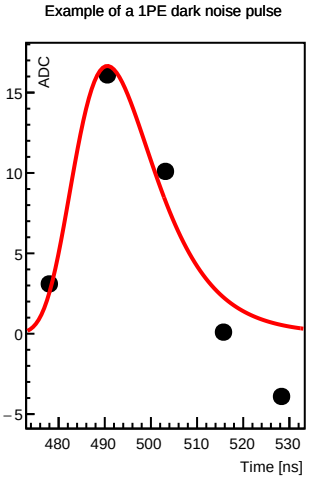

Example of a 1PE dark noise pulse
ADC
Time [ns]

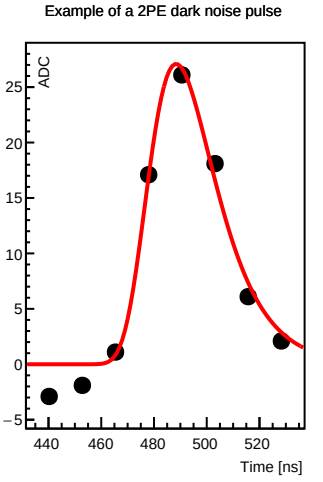

Example of a 2PE dark noise pulse
ADC
Time [ns]

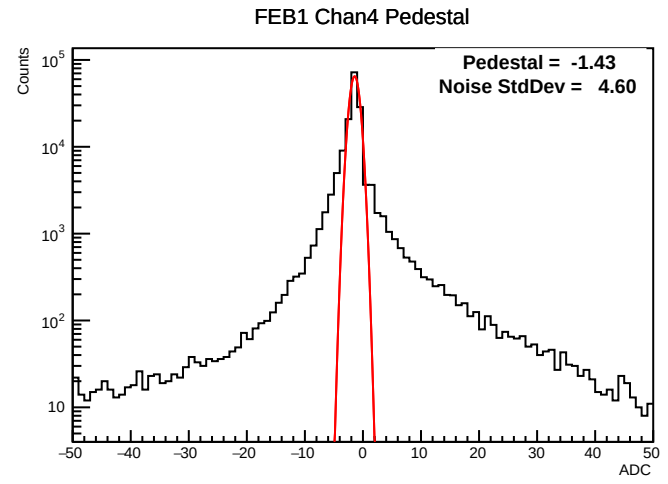

FEB1 Chan3 Pedestal
Pedestal = -0.10
Noise StdDev = 3.85
Counts
ADC

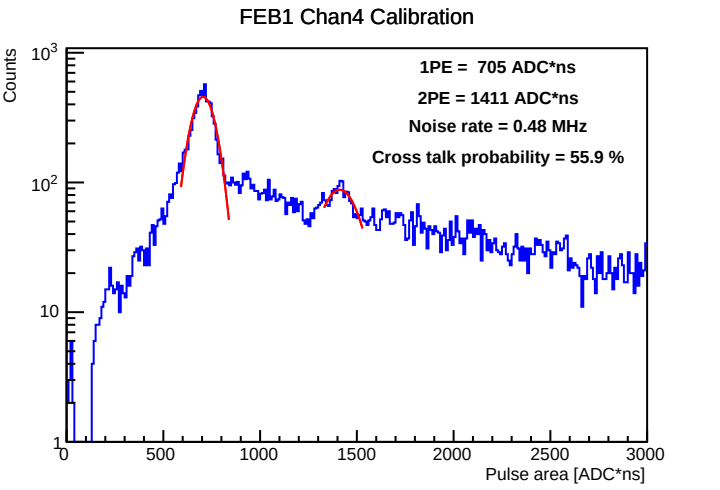

FEB1 Chan3 Calibration
1PE = 713 ADC*ns
2PE = 1420 ADC*ns
Noise rate = 0.60 MHz
Cross talk probability = 53.3 %
Counts
Pulse area [ADC*ns]

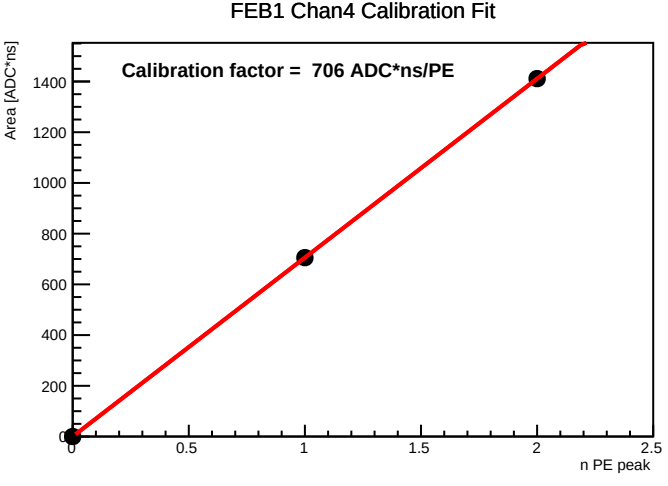

FEB1 Chan3 Calibration Fit
Calibration factor = 711 ADC*ns/PE
Area [ADC*ns]
n PE peak

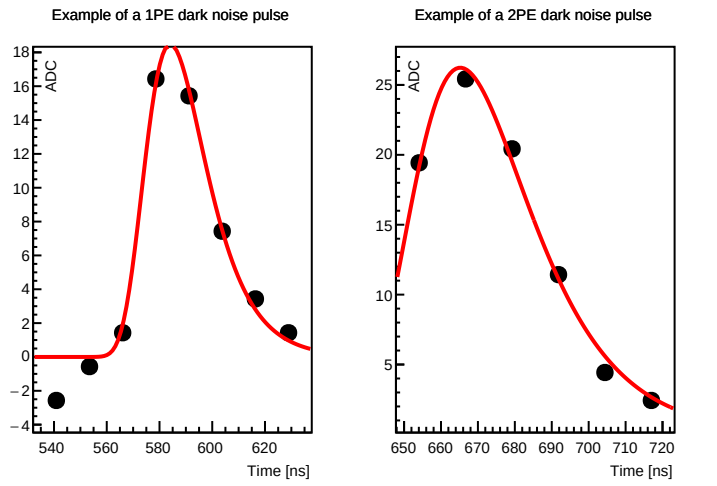

Example of a 1PE dark noise pulse
ADC
Time [ns]

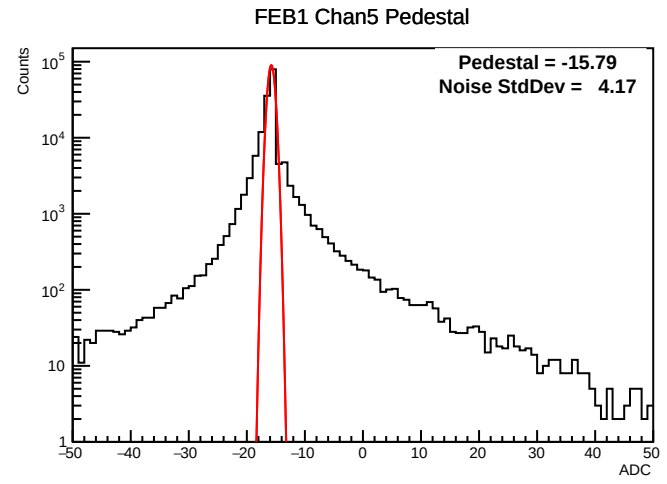

Example of a 2PE dark noise pulse
ADC
Time [ns]

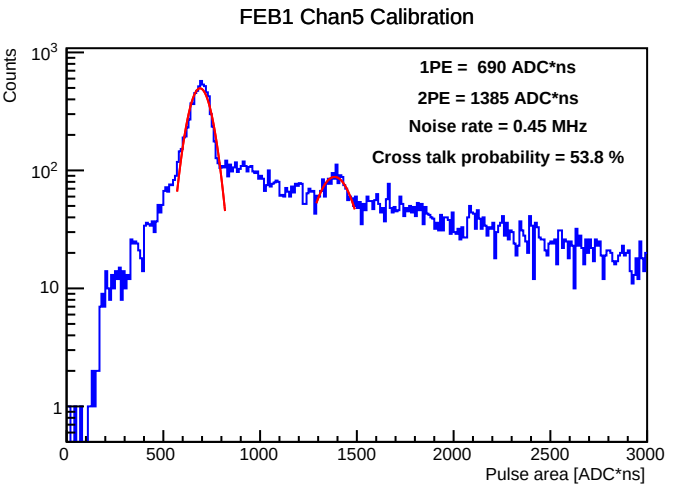

FEB1 Chan4 Pedestal
Pedestal = -1.43
Noise StdDev = 4.60
Counts
ADC

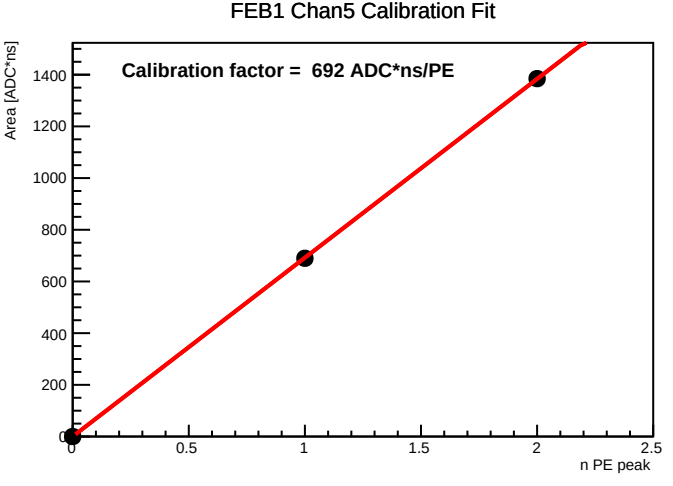

FEB1 Chan4 Calibration
1PE = 705 ADC*ns
2PE = 1411 ADC*ns
Noise rate = 0.48 MHz
Cross talk probability = 55.9 %
Counts
Pulse area [ADC*ns]

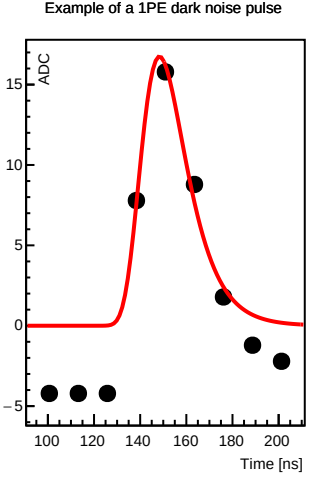

FEB1 Chan4 Calibration Fit
Calibration factor = 706 ADC*ns/PE
Area [ADC*ns]
n PE peak

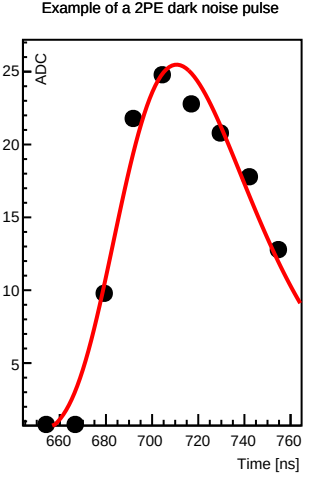

Example of a 1PE dark noise pulse
Example of a 2PE dark noise pulse
ADC
Time [ns]

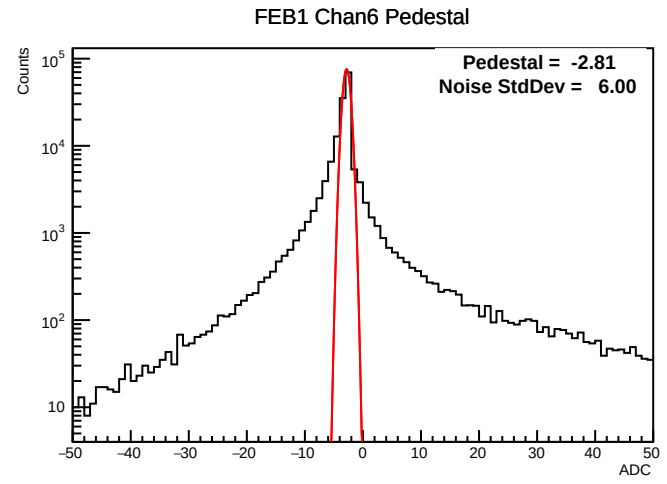

FEB1 Chan5 Pedestal
Pedestal = -15.79
Noise StdDev = 4.17
Counts
ADC

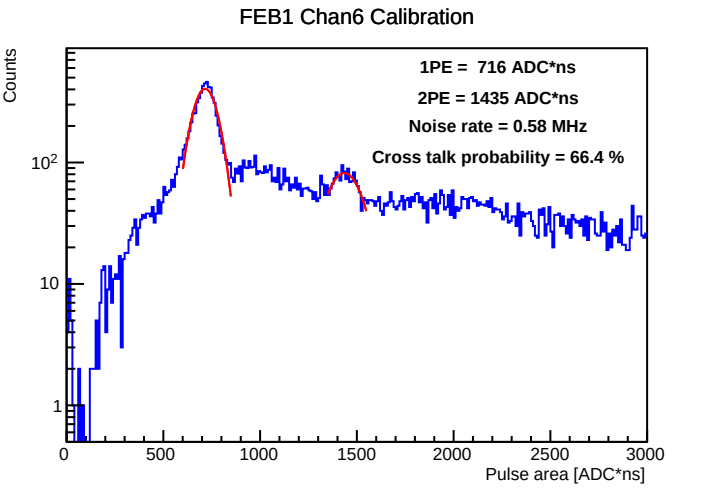

FEB1 Chan5 Calibration
1PE = 690 ADC*ns
2PE = 1385 ADC*ns
Noise rate = 0.45 MHz
Cross talk probability = 53.8 %
Counts
Pulse area [ADC*ns]

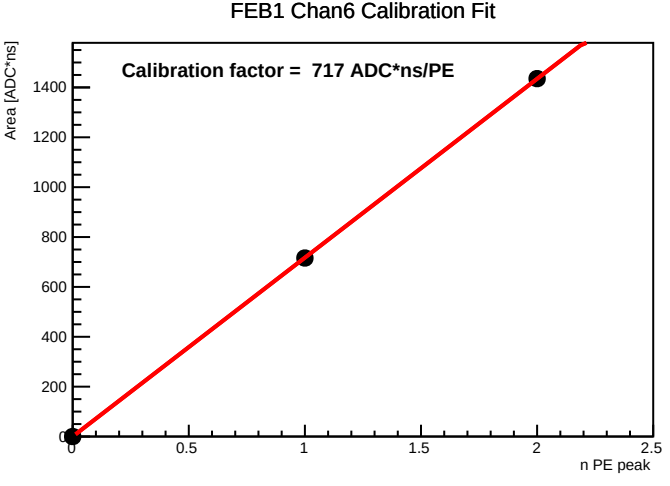

FEB1 Chan5 Calibration Fit
Calibration factor = 692 ADC*ns/PE
Area [ADC*ns]
n PE peak

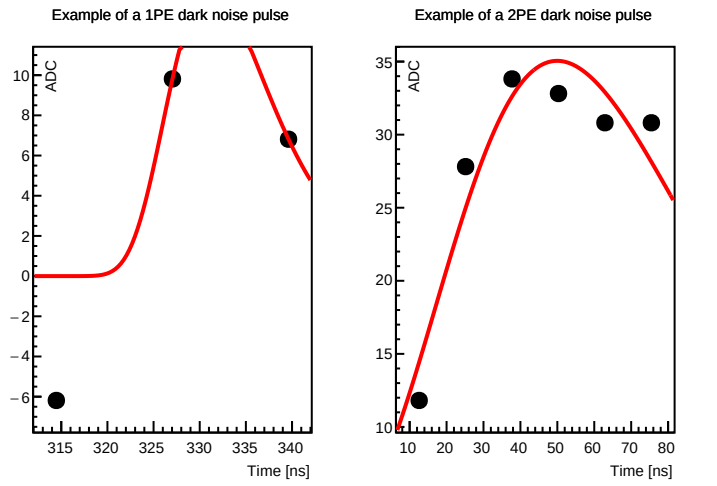

Example of a 1PE dark noise pulse
ADC
Time [ns]

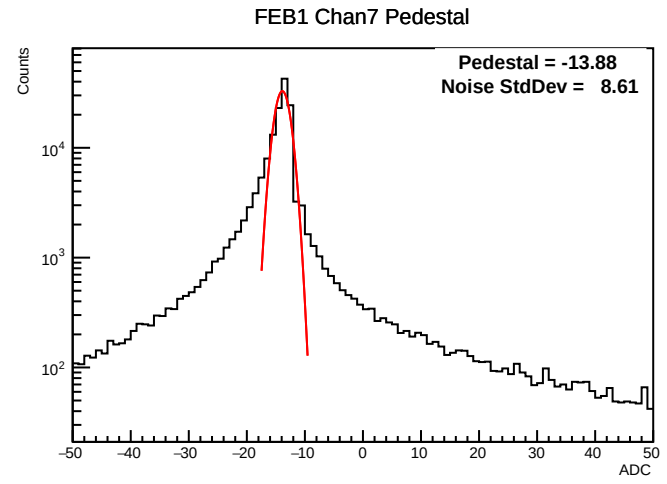

Example of a 2PE dark noise pulse
ADC
Time [ns]

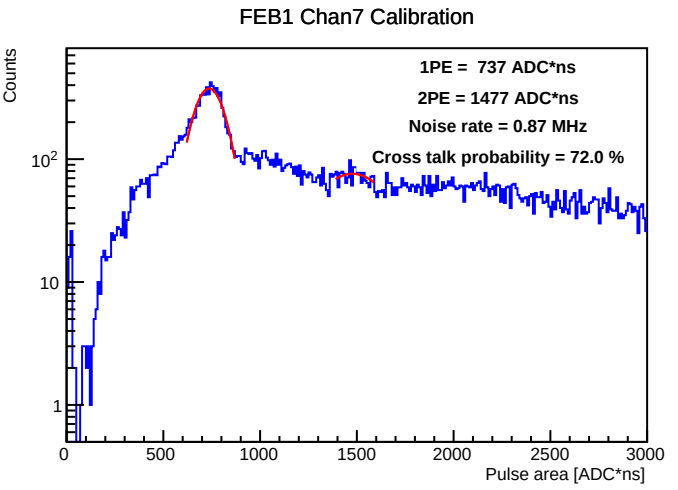

FEB1 Chan6 Pedestal
Pedestal = -2.81
Noise StdDev = 6.00
Counts
ADC

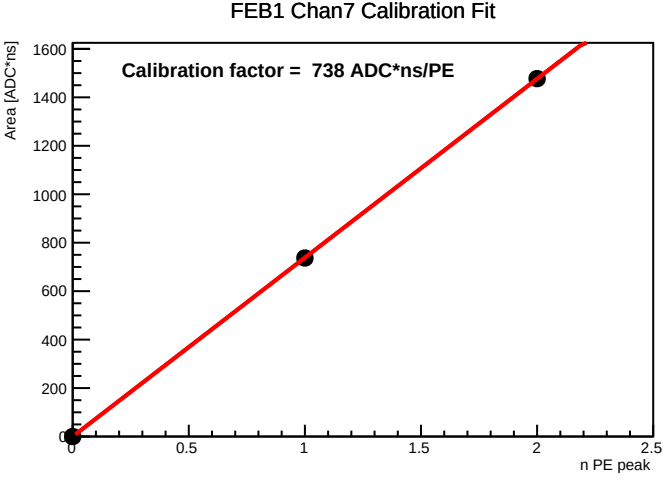

FEB1 Chan6 Calibration
1PE = 716 ADC*ns
2PE = 1435 ADC*ns
Noise rate = 0.58 MHz
Cross talk probability = 66.4 %
Counts
Pulse area [ADC*ns]

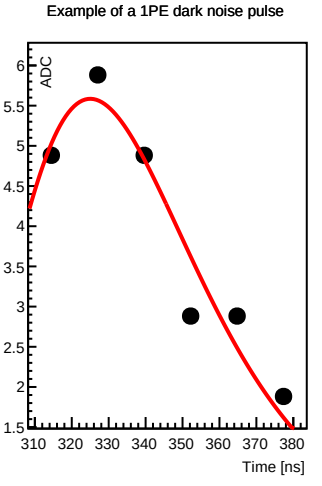

FEB1 Chan6 Calibration Fit
Calibration factor = 717 ADC*ns/PE
Area [ADC*ns]
n PE peak

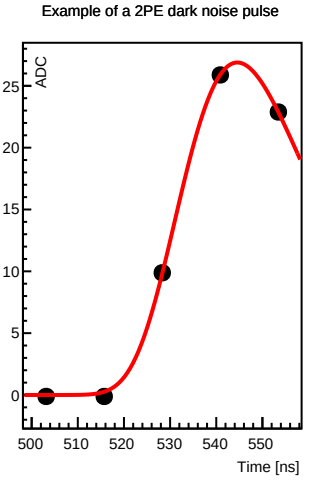

Example of a 1PE dark noise pulse
Example of a 2PE dark noise pulse
ADC
Time [ns]

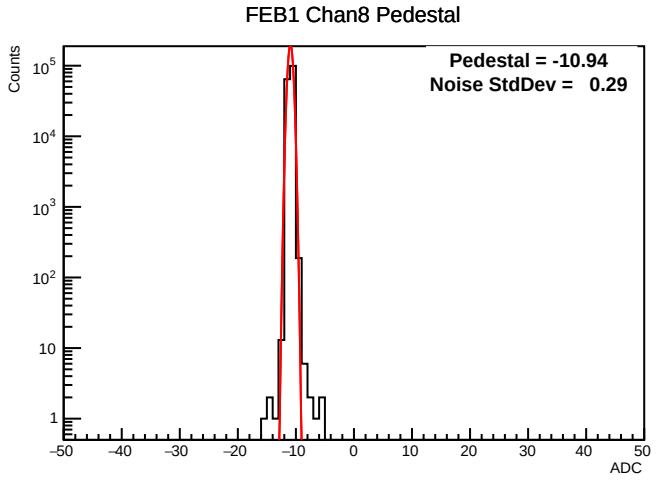

FEB1 Chan7 Pedestal
Pedestal = -13.88
Noise StdDev = 8.61
Counts
ADC

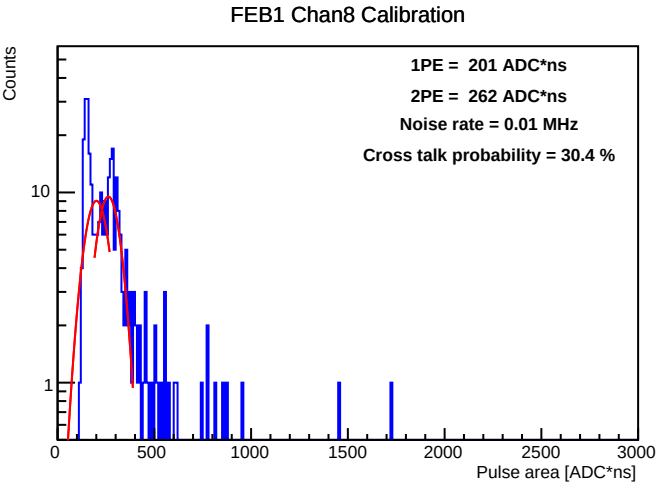

FEB1 Chan7 Calibration
1PE = 737 ADC*ns
2PE = 1477 ADC*ns
Noise rate = 0.87 MHz
Cross talk probability = 72.0 %
Counts
Pulse area [ADC*ns]

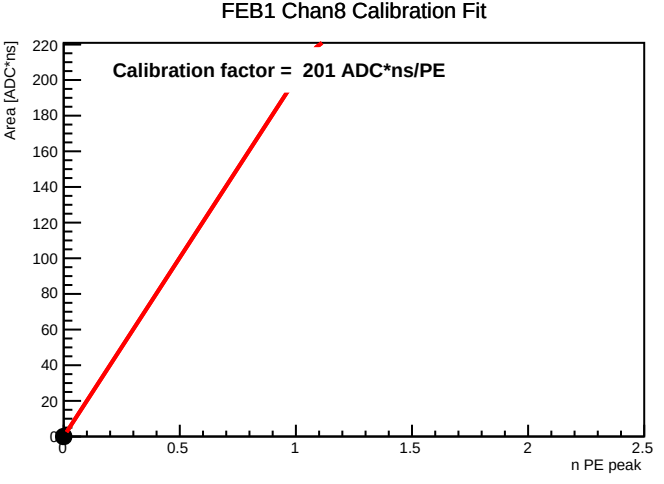

FEB1 Chan7 Calibration Fit
Calibration factor = 738 ADC*ns/PE
Area [ADC*ns]
n PE peak

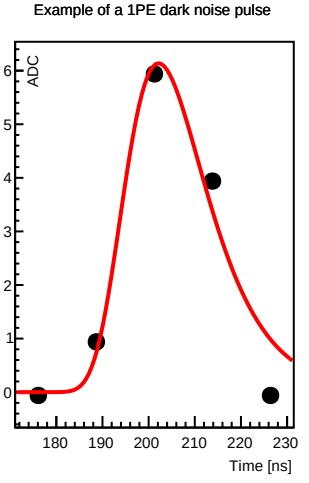

Example of a 1PE dark noise pulse
ADC
Time [ns]

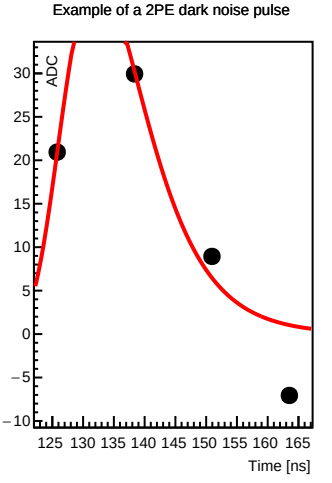

Example of a 2PE dark noise pulse
ADC
Time [ns]

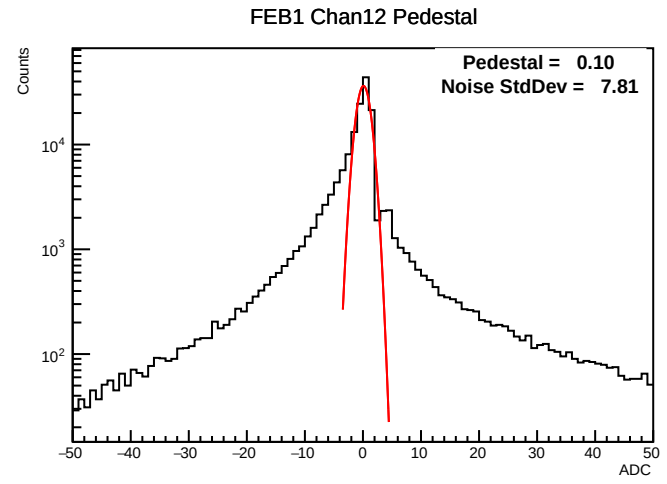

FEB1 Chan8 Pedestal
Pedestal = -10.94
Noise StdDev = 0.29
Counts
ADC

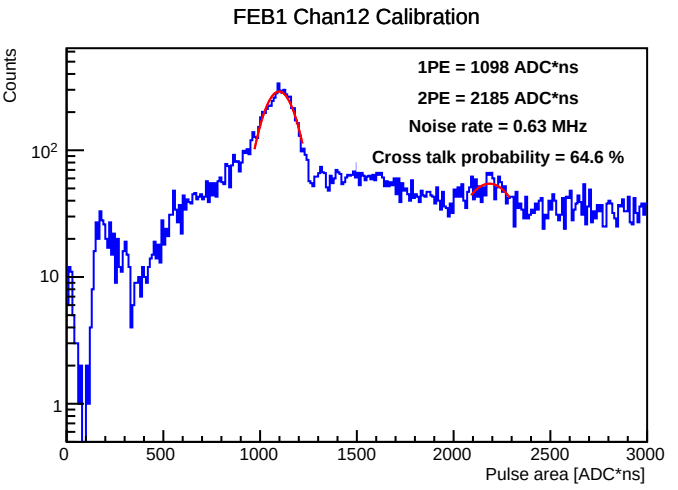

FEB1 Chan8 Calibration
1PE = 201 ADC*ns
2PE = 262 ADC*ns
Noise rate = 0.01 MHz
Cross talk probability = 30.4 %
Counts
Pulse area [ADC*ns]

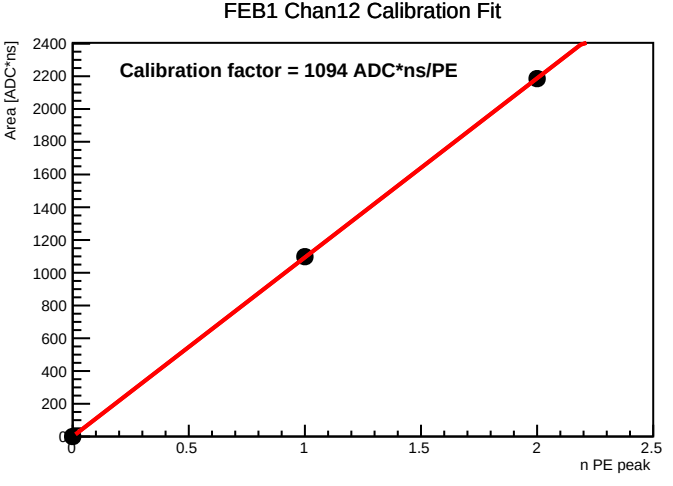

FEB1 Chan8 Calibration Fit
Calibration factor = 201 ADC*ns/PE
Area [ADC*ns]
n PE peak

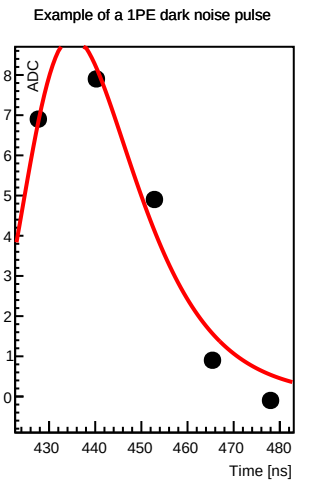

Example of a 1PE dark noise pulse
ADC
Time [ns]

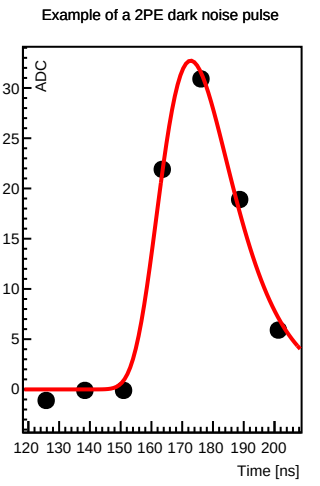

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB1 Chan12 Pedestal
Pedestal = 0.10
Noise StdDev = 7.81
Counts
ADC

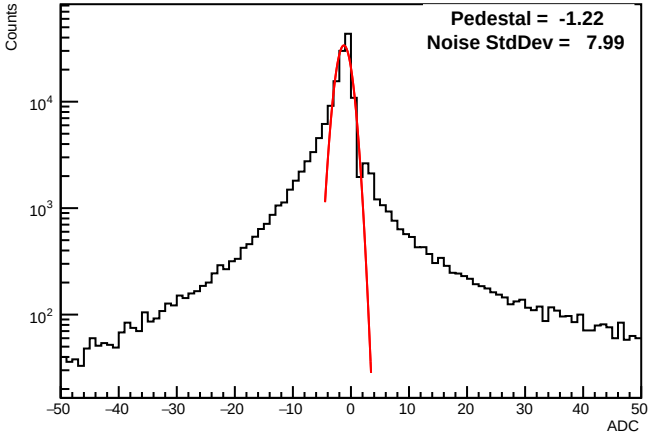

FEB1 Chan12 Calibration
1PE = 1098 ADC*ns
2PE = 2185 ADC*ns
Noise rate = 0.63 MHz
Cross talk probability = 64.6 %
Counts
Pulse area [ADC*ns]


FEB1 Chan12 Calibration Fit
Calibration factor = 1094 ADC*ns/PE
Area [ADC*ns]
n PE peak

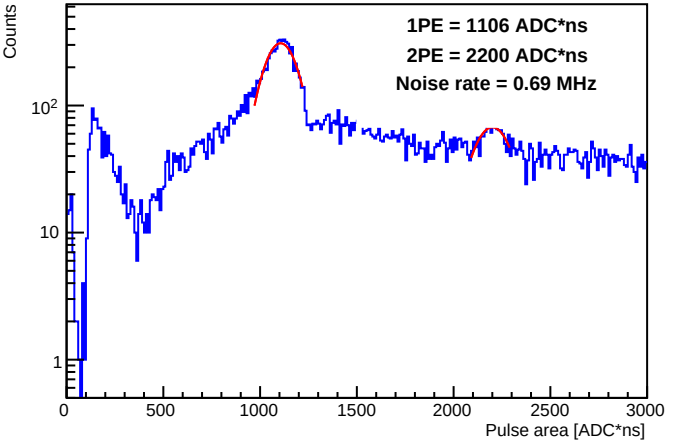

Example of a 1PE dark noise pulse
ADC
Time [ns]


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

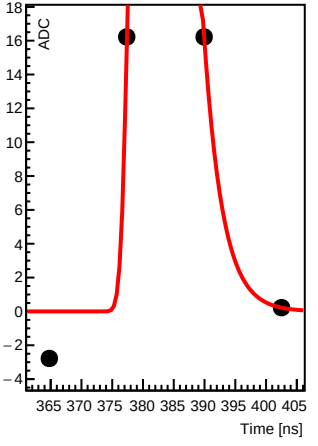
FEB1 Chan13 Pedestal



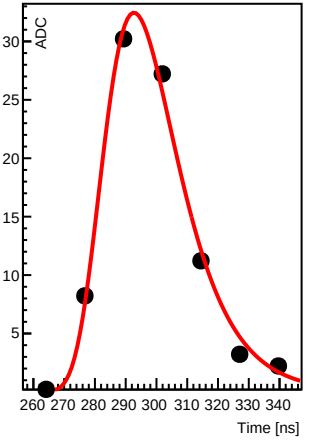
FEB1 Chan13 Calibration

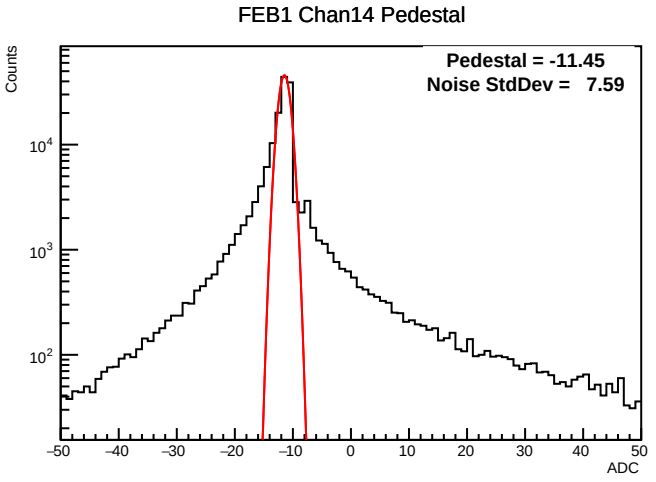


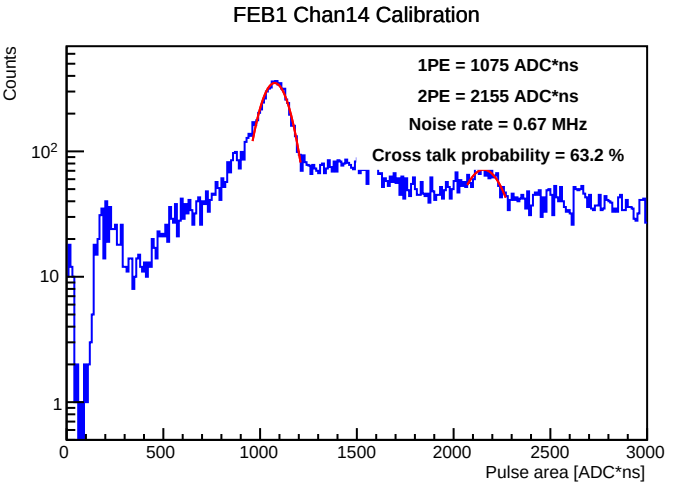
Example of a 1PE dark noise pulse

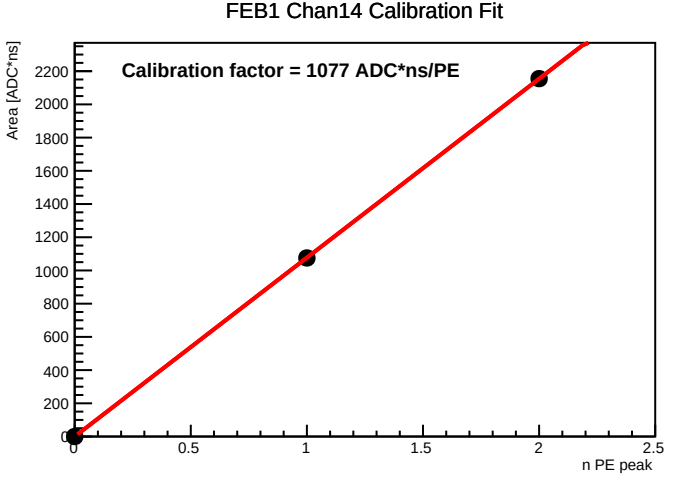


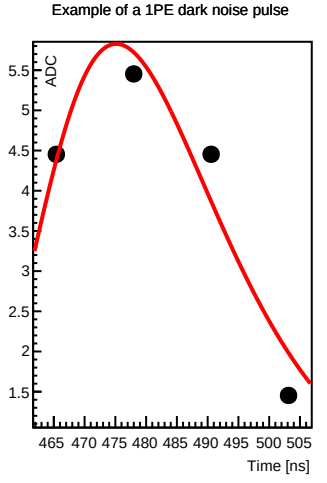
Example of a 2PE dark noise pulse

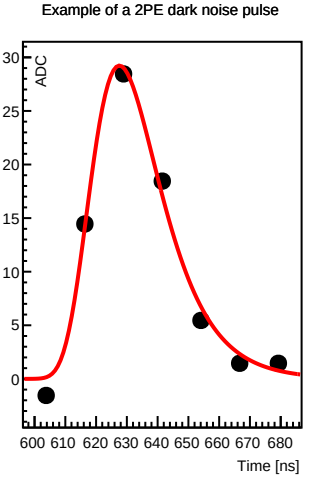


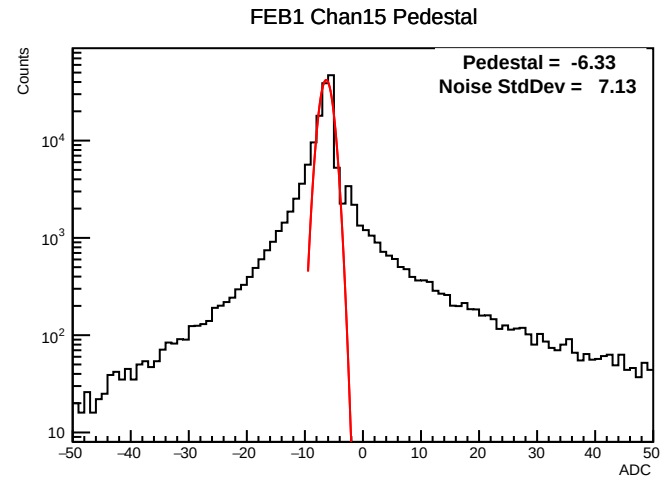

FEB1 Chan14 Pedestal
Pedestal = -11.45
Noise StdDev = 7.59
Counts
ADC

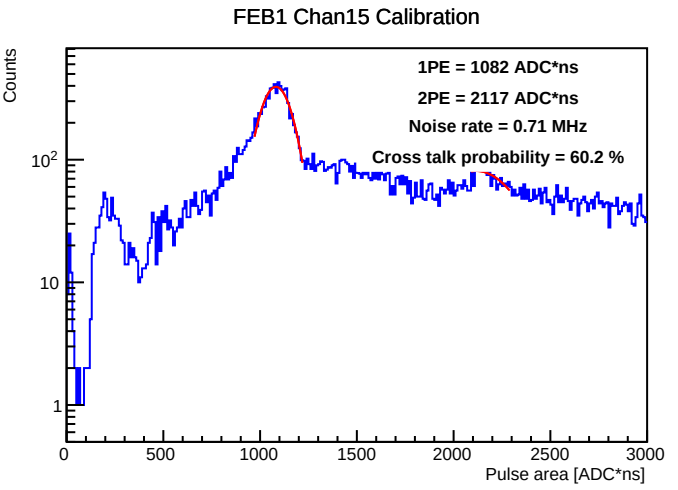

FEB1 Chan14 Calibration
1PE = 1075 ADC*ns
2PE = 2155 ADC*ns
Noise rate = 0.67 MHz
Cross talk probability = 63.2 %
Counts
Pulse area [ADC*ns]

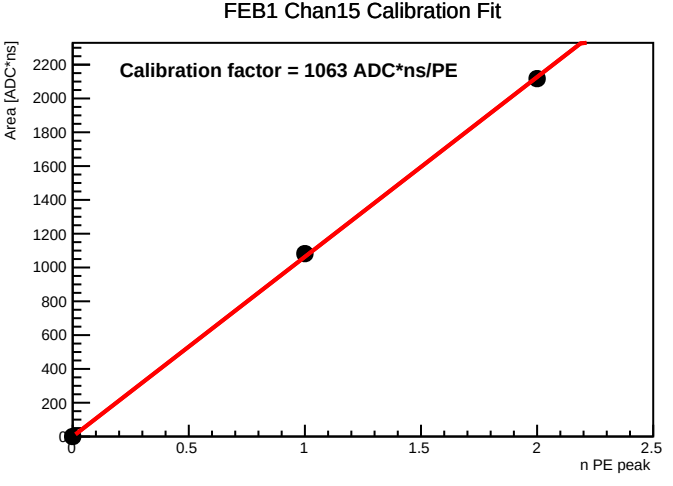

FEB1 Chan14 Calibration Fit
Calibration factor = 1077 ADC*ns/PE
Area [ADC*ns]
n PE peak

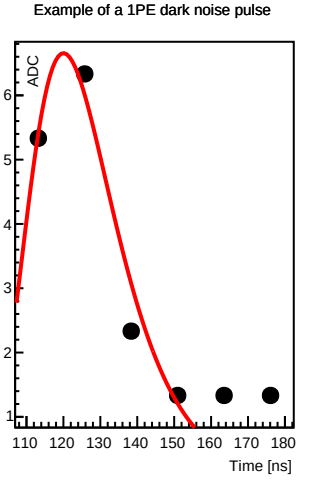

Example of a 1PE dark noise pulse
ADC
Time [ns]

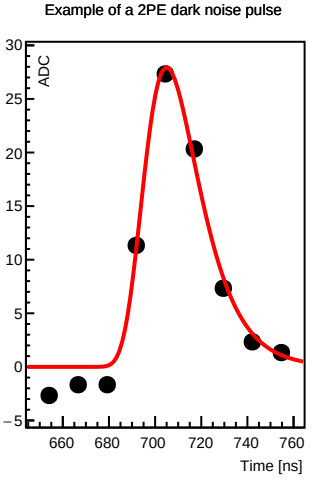

Example of a 2PE dark noise pulse
ADC
Time [ns]

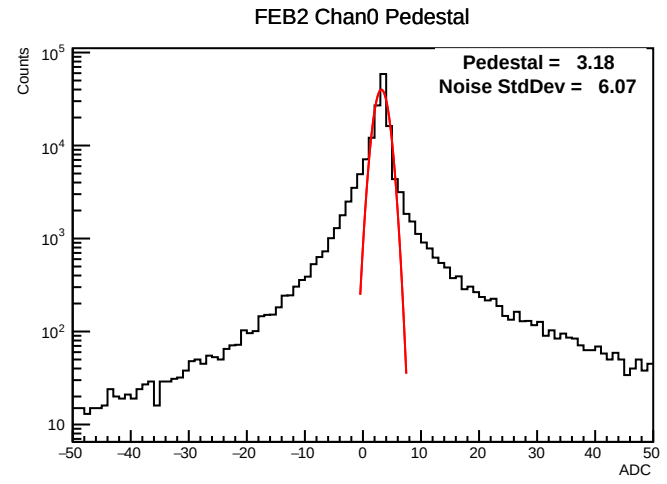

FEB1 Chan15 Pedestal
Pedestal = -6.33
Noise StdDev = 7.13
Counts
ADC

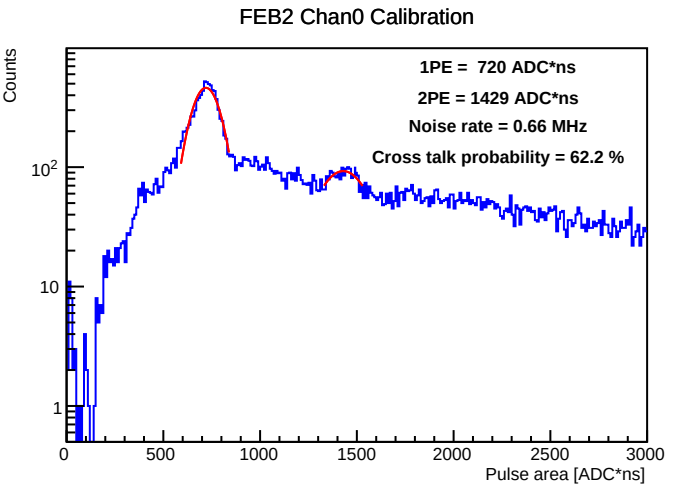

FEB1 Chan15 Calibration
1PE = 1082 ADC*ns
2PE = 2117 ADC*ns
Noise rate = 0.71 MHz
Cross talk probability = 60.2 %
Counts
Pulse area [ADC*ns]

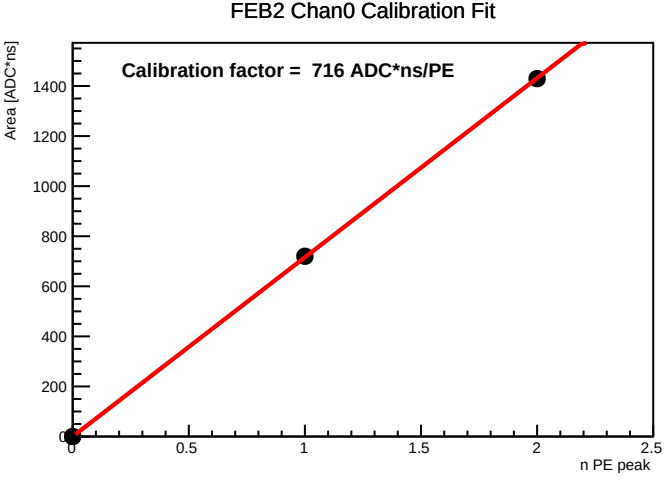

FEB1 Chan15 Calibration Fit
Calibration factor = 1063 ADC*ns/PE
Area [ADC*ns]
n PE peak

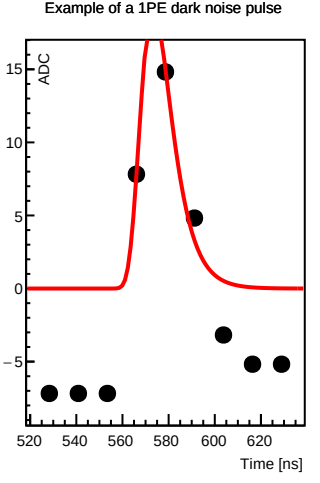

Example of a 1PE dark noise pulse
ADC
Time [ns]

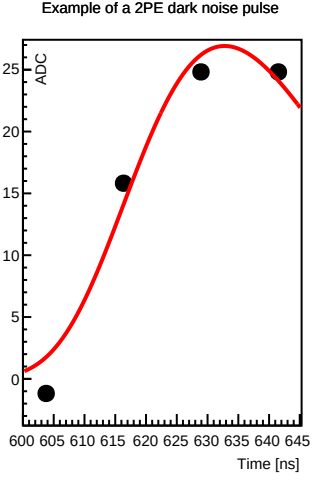

Example of a 2PE dark noise pulse
ADC
Time [ns]

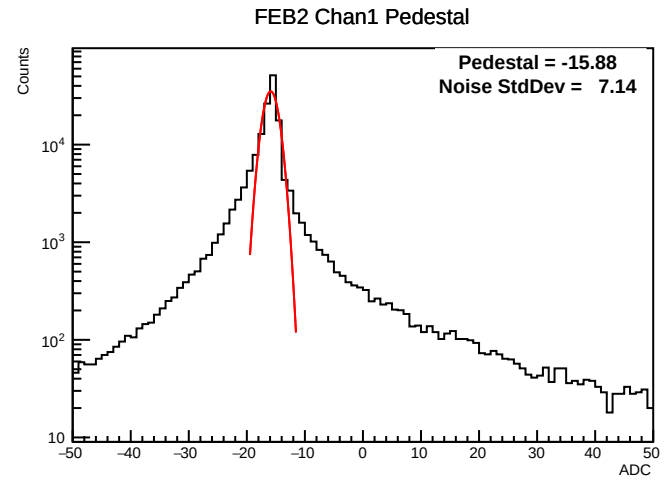

FEB2 Chan0 Pedestal
Pedestal = 3.18
Noise StdDev = 6.07
Counts
ADC

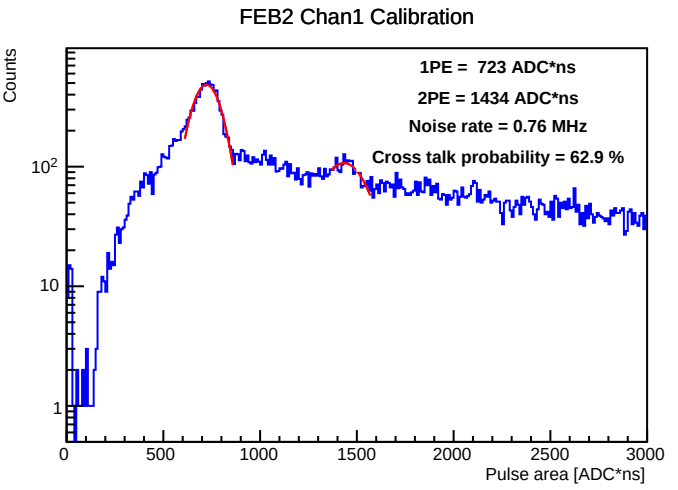

FEB2 Chan0 Calibration
1PE = 720 ADC*ns
2PE = 1429 ADC*ns
Noise rate = 0.66 MHz
Cross talk probability = 62.2 %
Counts
Pulse area [ADC*ns]

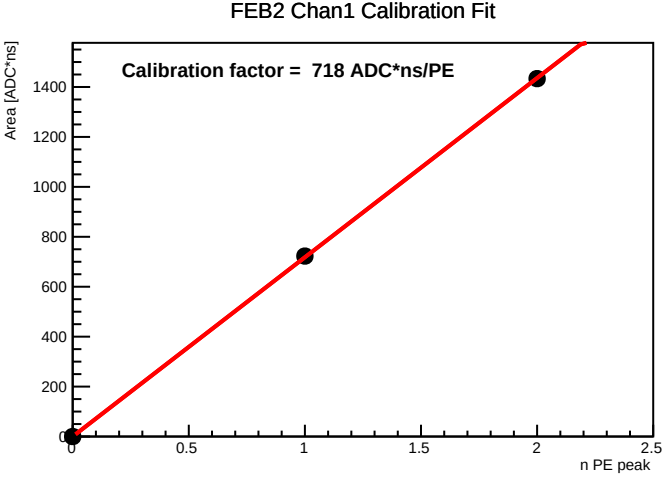

FEB2 Chan0 Calibration Fit
Calibration factor = 716 ADC*ns/PE
Area [ADC*ns]
n PE peak

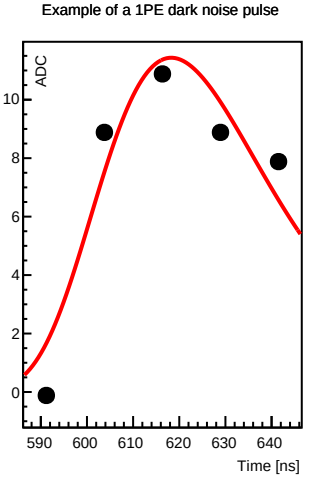

Example of a 1PE dark noise pulse
ADC
Time [ns]

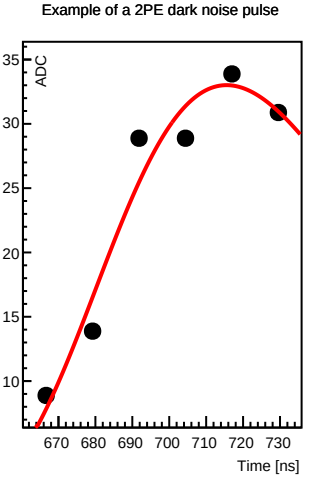

Example of a 2PE dark noise pulse
ADC
Time [ns]

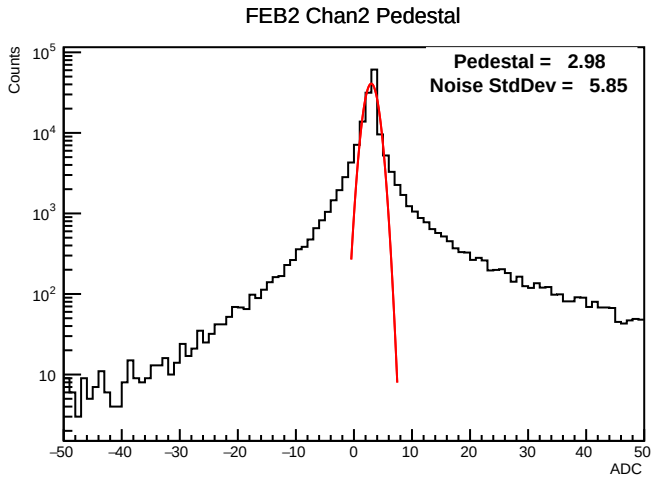

FEB2 Chan1 Pedestal
Pedestal = -15.88
Noise StdDev = 7.14
Counts
ADC

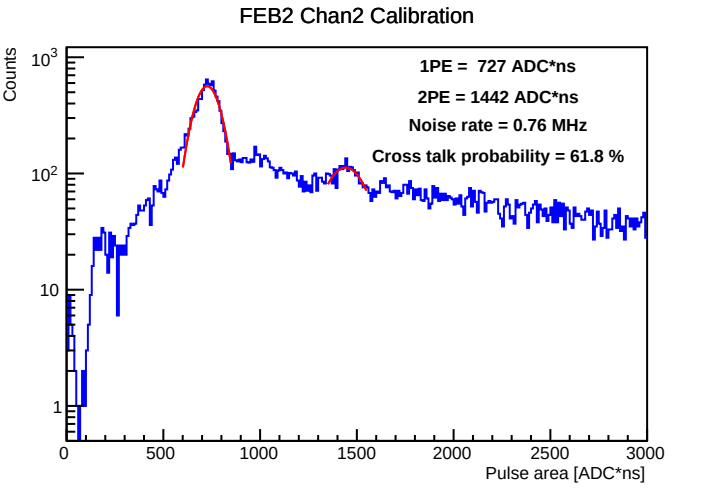

FEB2 Chan1 Calibration
1PE = 723 ADC*ns
2PE = 1434 ADC*ns
Noise rate = 0.76 MHz
Cross talk probability = 62.9 %
Counts
Pulse area [ADC*ns]

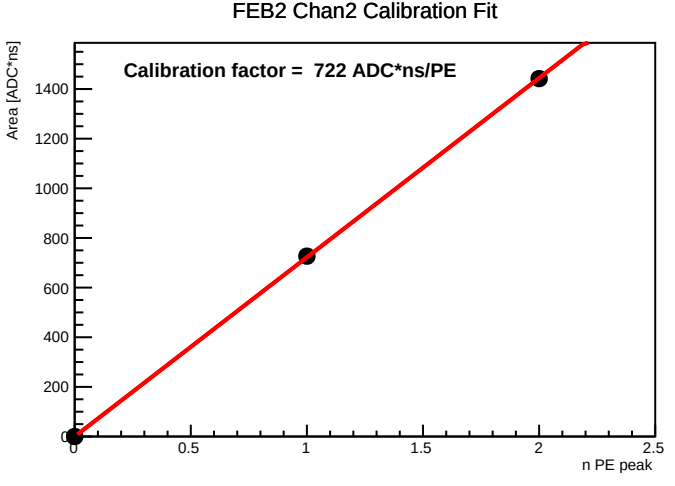

FEB2 Chan1 Calibration Fit
Calibration factor = 718 ADC*ns/PE
Area [ADC*ns]
n PE peak

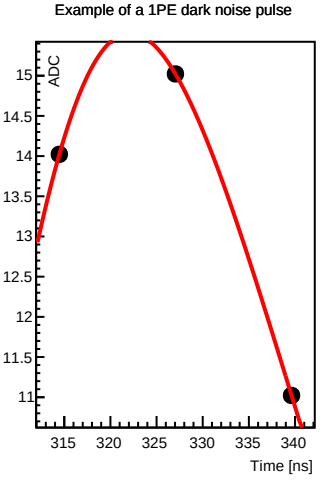

Example of a 1PE dark noise pulse
ADC
Time [ns]

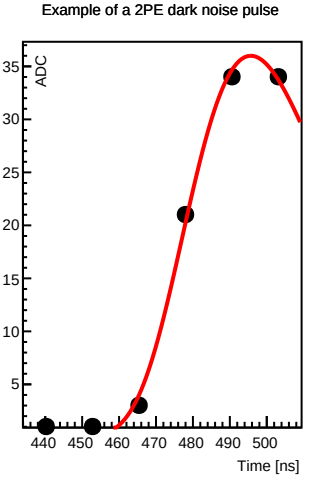

Example of a 2PE dark noise pulse
ADC
Time [ns]

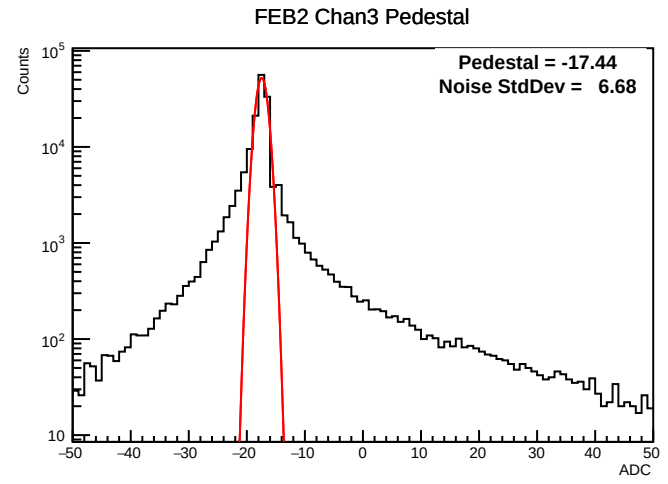

FEB2 Chan2 Pedestal
Pedestal = 2.98
Noise StdDev = 5.85
Counts
ADC

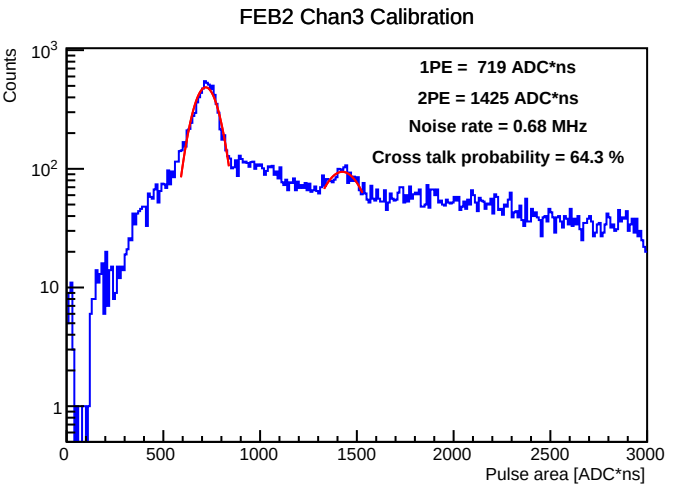

FEB2 Chan2 Calibration
1PE = 727 ADC*ns
2PE = 1442 ADC*ns
Noise rate = 0.76 MHz
Cross talk probability = 61.8 %
Counts
Pulse area [ADC*ns]

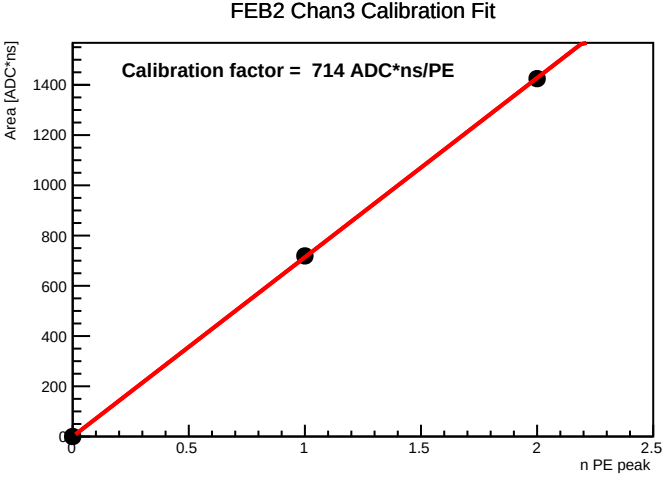

FEB2 Chan2 Calibration Fit
Calibration factor = 722 ADC*ns/PE
Area [ADC*ns]
n PE peak

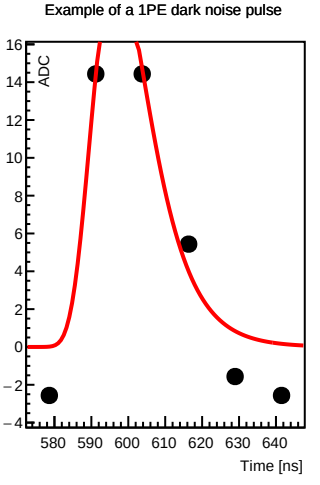

Example of a 1PE dark noise pulse
ADC
Time [ns]

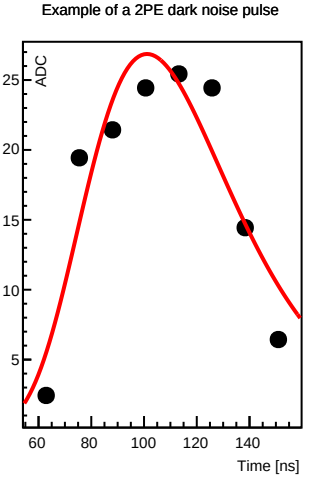

Example of a 2PE dark noise pulse
ADC
Time [ns]

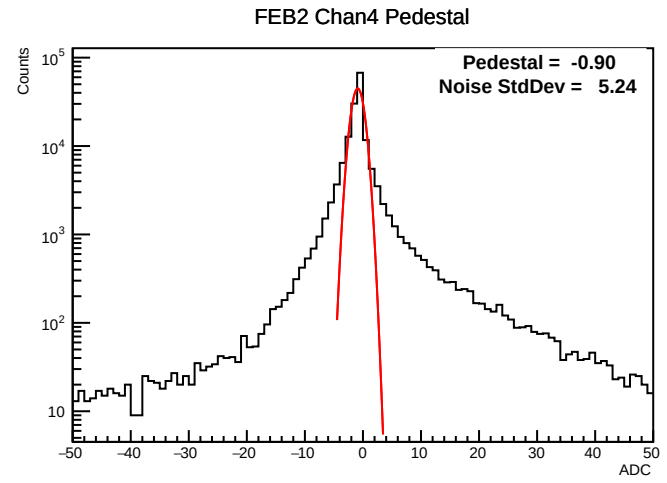

FEB2 Chan3 Pedestal
Pedestal = -17.44
Noise StdDev = 6.68
Counts
ADC

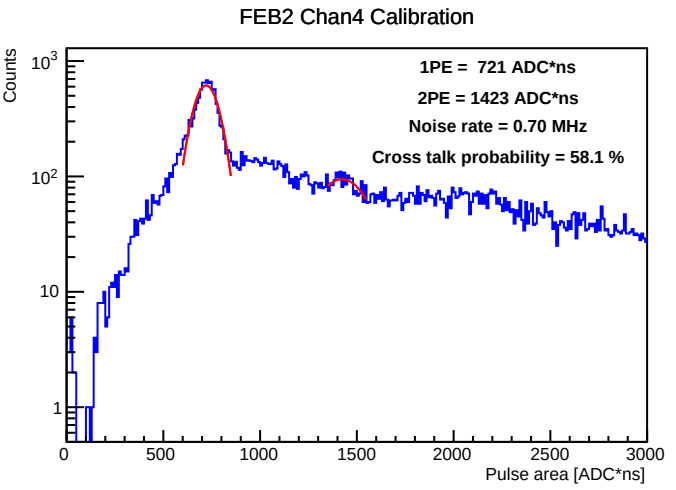

FEB2 Chan3 Calibration
1PE = 719 ADC*ns
2PE = 1425 ADC*ns
Noise rate = 0.68 MHz
Cross talk probability = 64.3 %
Counts
Pulse area [ADC*ns]

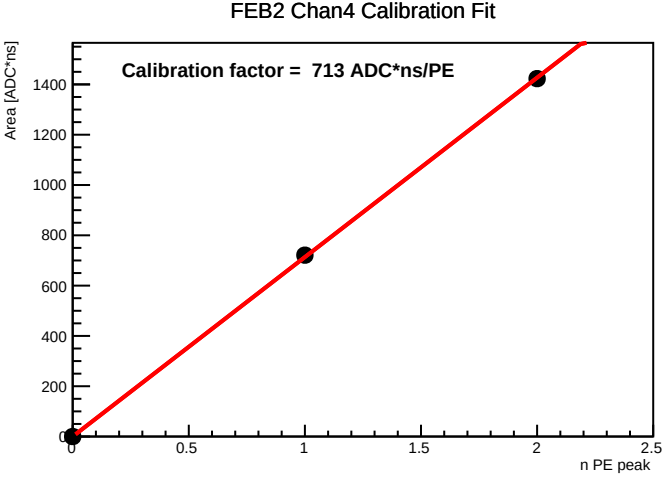

FEB2 Chan3 Calibration Fit
Calibration factor = 714 ADC*ns/PE
Area [ADC*ns]
n PE peak

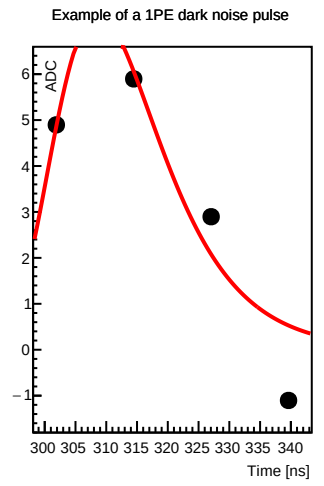

Example of a 1PE dark noise pulse
ADC
Time [ns]

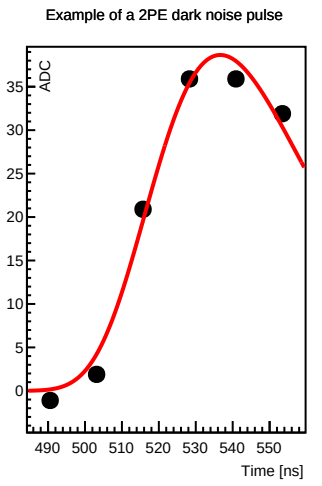

Example of a 2PE dark noise pulse
ADC
Time [ns]

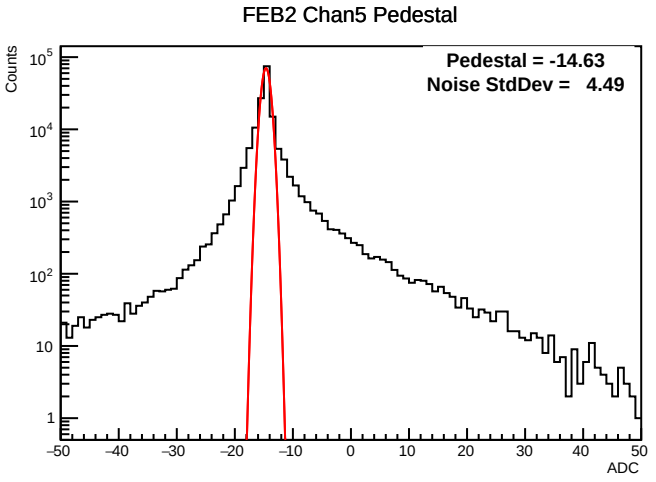

FEB2 Chan4 Pedestal
Pedestal = -0.90
Noise StdDev = 5.24
Counts
ADC

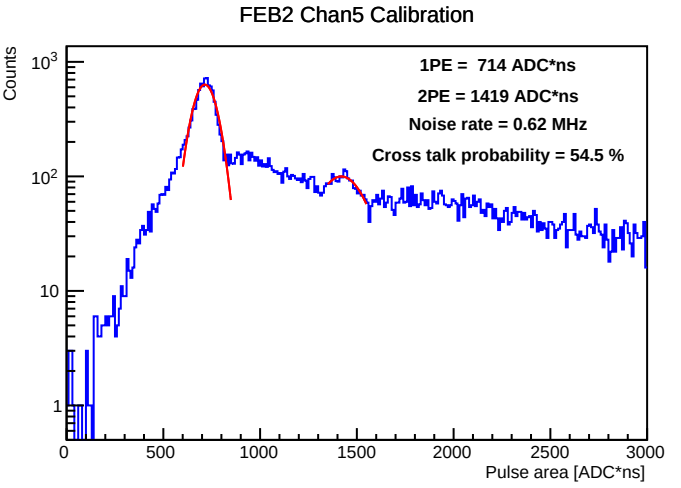

FEB2 Chan4 Calibration
1PE = 721 ADC*ns
2PE = 1423 ADC*ns
Noise rate = 0.70 MHz
Cross talk probability = 58.1 %
Counts
Pulse area [ADC*ns]

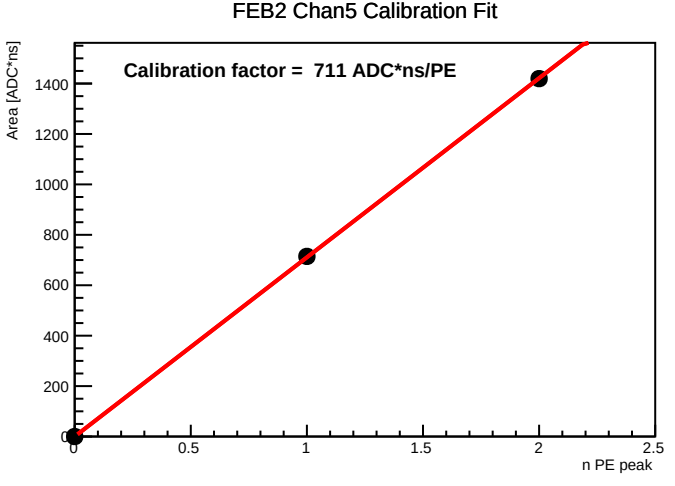

FEB2 Chan4 Calibration Fit
Calibration factor = 713 ADC*ns/PE
Area [ADC*ns]
n PE peak

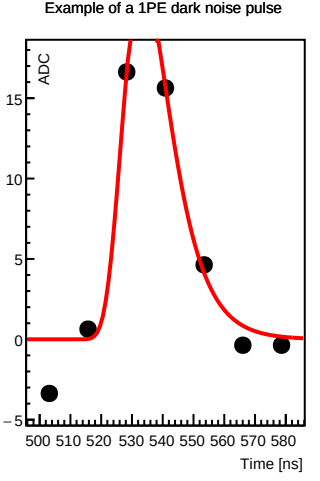

Example of a 1PE dark noise pulse
ADC
Time [ns]

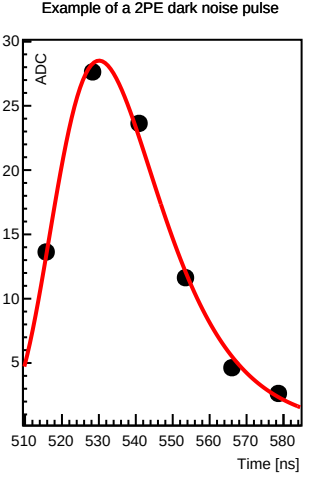

Example of a 2PE dark noise pulse
ADC
Time [ns]

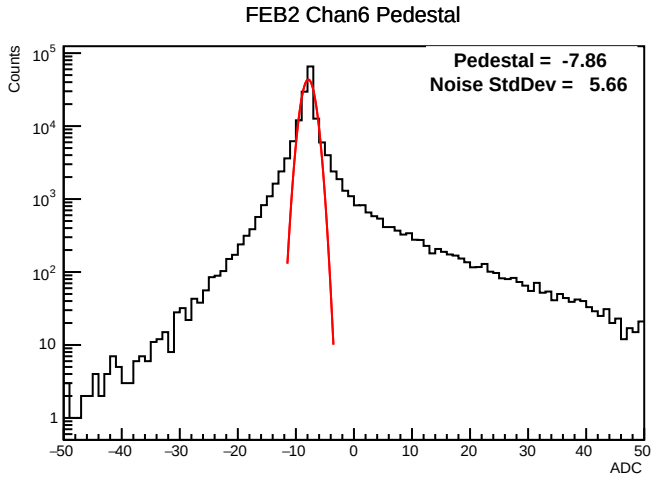

FEB2 Chan5 Pedestal
Pedestal = -14.63
Noise StdDev = 4.49
Counts
ADC

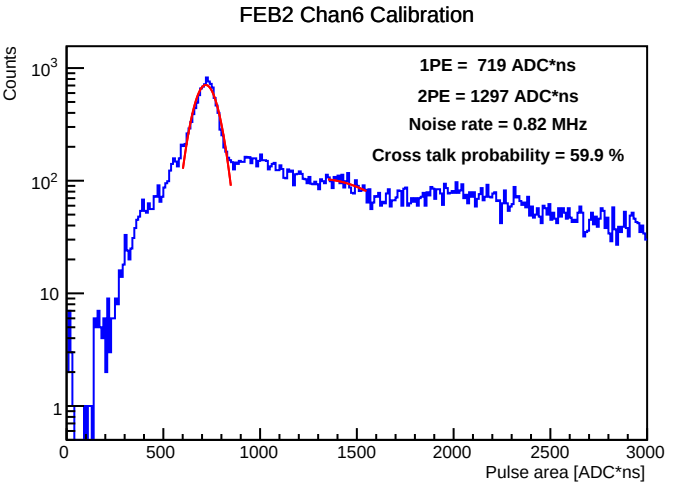

FEB2 Chan5 Calibration
1PE = 714 ADC*ns
2PE = 1419 ADC*ns
Noise rate = 0.62 MHz
Cross talk probability = 54.5 %
Counts
Pulse area [ADC*ns]

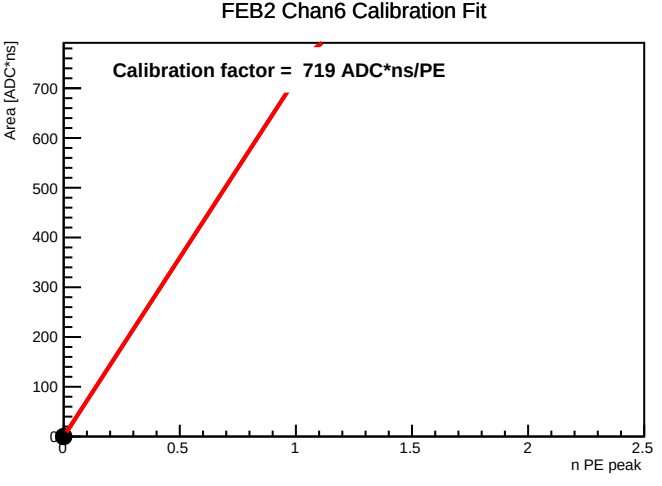

FEB2 Chan5 Calibration Fit
Calibration factor = 711 ADC*ns/PE
Area [ADC*ns]
n PE peak

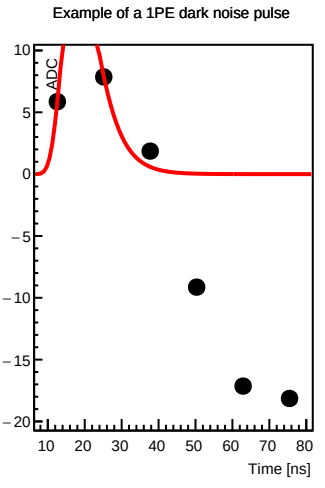

Example of a 1PE dark noise pulse
ADC
Time [ns]

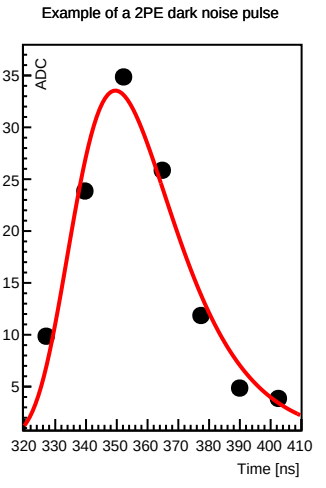

Example of a 2PE dark noise pulse
ADC
Time [ns]

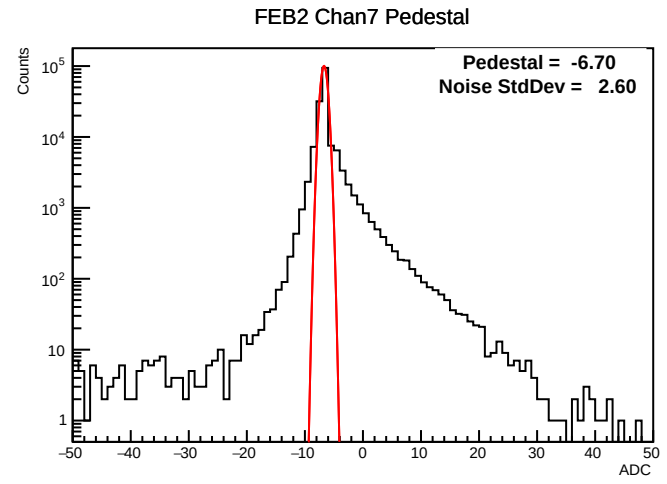

FEB2 Chan6 Pedestal
Pedestal = -7.86
Noise StdDev = 5.66
Counts
ADC

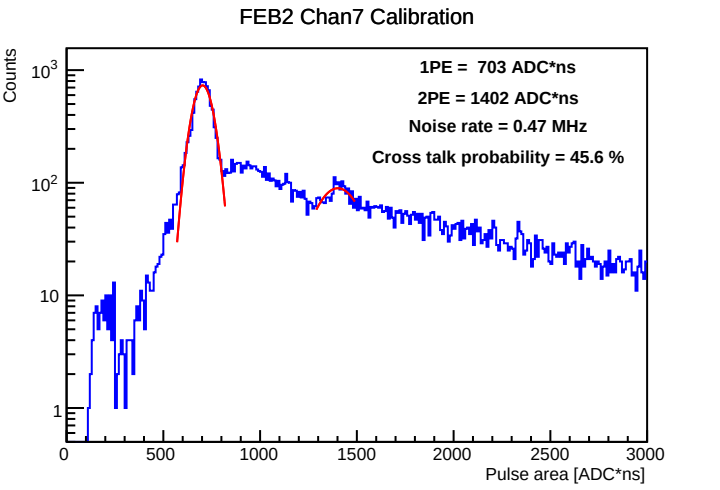

FEB2 Chan6 Calibration
1PE = 719 ADC*ns
2PE = 1297 ADC*ns
Noise rate = 0.82 MHz
Cross talk probability = 59.9 %
Counts
Pulse area [ADC*ns]

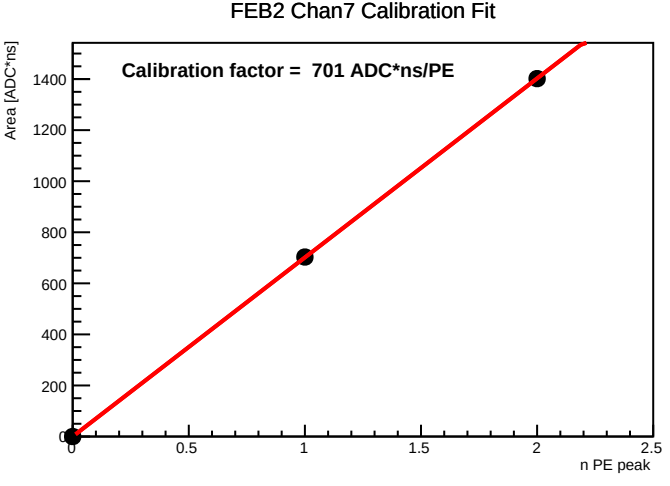

FEB2 Chan6 Calibration Fit
Calibration factor = 719 ADC*ns/PE
Area [ADC*ns]
n PE peak

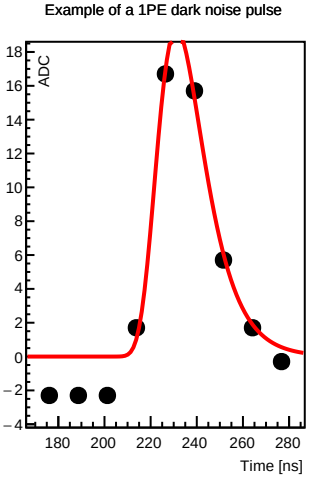

Example of a 1PE dark noise pulse
ADC
Time [ns]

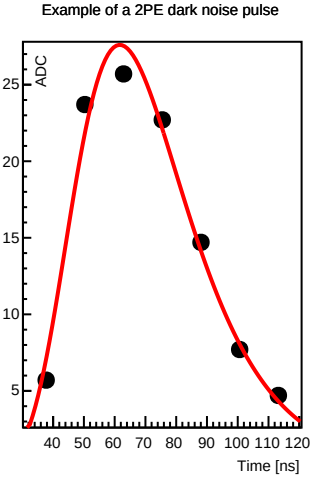

Example of a 2PE dark noise pulse
ADC
Time [ns]

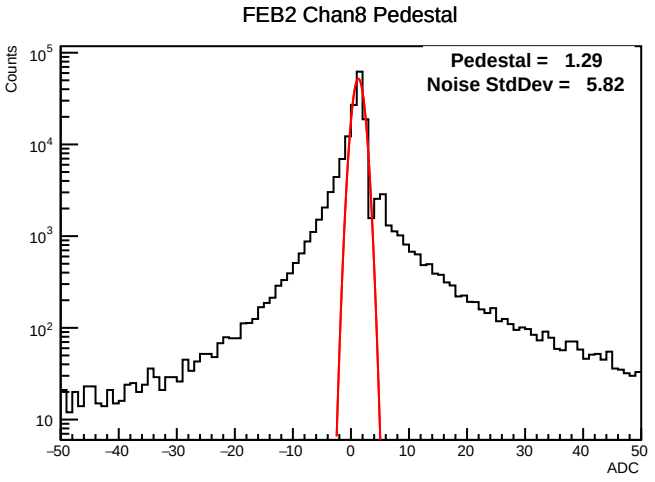

FEB2 Chan7 Pedestal
Pedestal = -6.70
Noise StdDev = 2.60
Counts
ADC

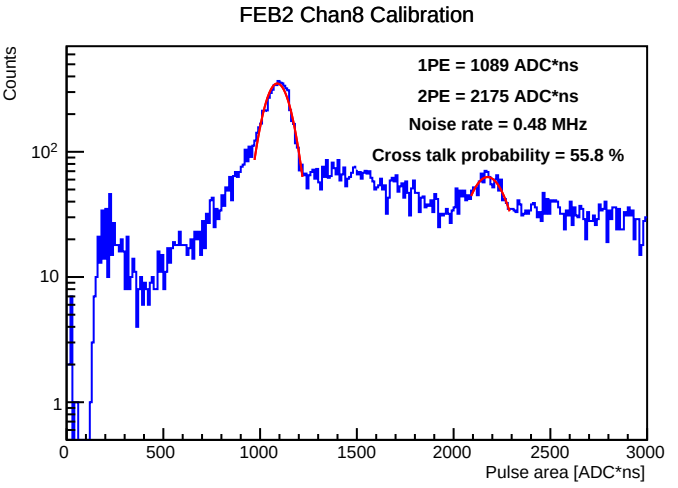

FEB2 Chan7 Calibration
1PE = 703 ADC*ns
2PE = 1402 ADC*ns
Noise rate = 0.47 MHz
Cross talk probability = 45.6 %
Counts
Pulse area [ADC*ns]

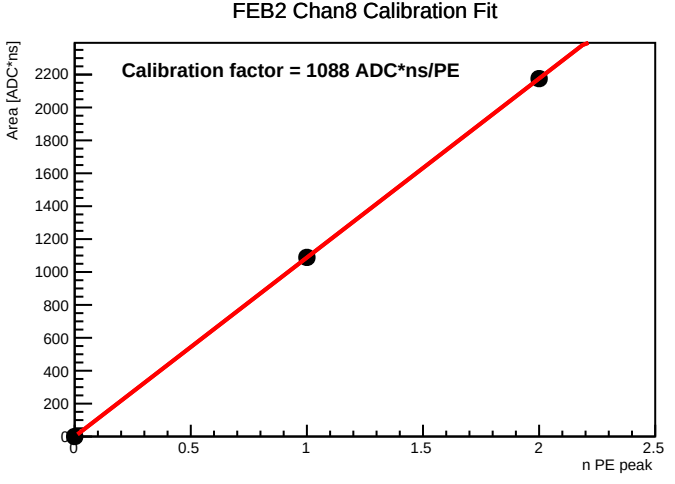

FEB2 Chan7 Calibration Fit
Calibration factor = 701 ADC*ns/PE
Area [ADC*ns]
n PE peak

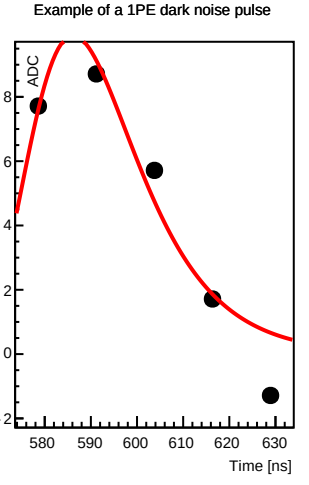

Example of a 1PE dark noise pulse
ADC
Time [ns]

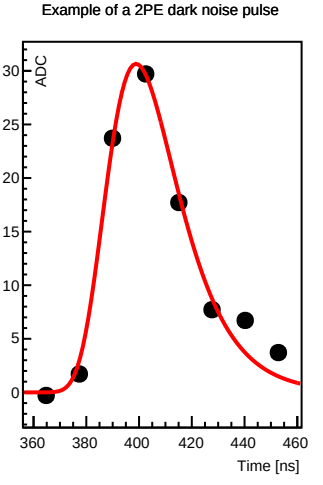

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB2 Chan8 Pedestal
Pedestal = 1.29
Noise StdDev = 5.82
Counts
ADC

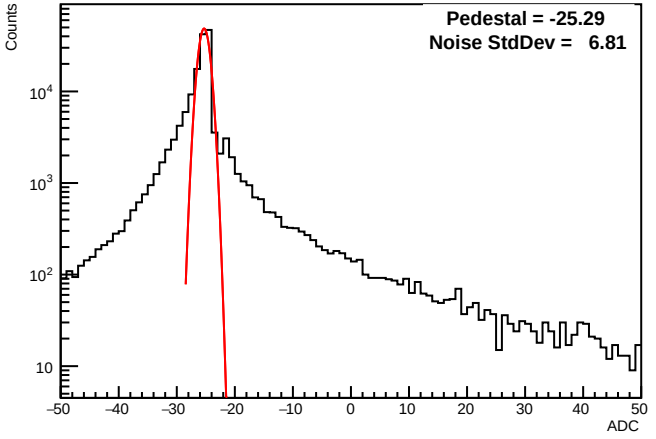

FEB2 Chan8 Calibration
1PE = 1089 ADC*ns
2PE = 2175 ADC*ns
Noise rate = 0.48 MHz
Cross talk probability = 55.8 %
Counts
Pulse area [ADC*ns]


FEB2 Chan8 Calibration Fit
Calibration factor = 1088 ADC*ns/PE
Area [ADC*ns]
n PE peak

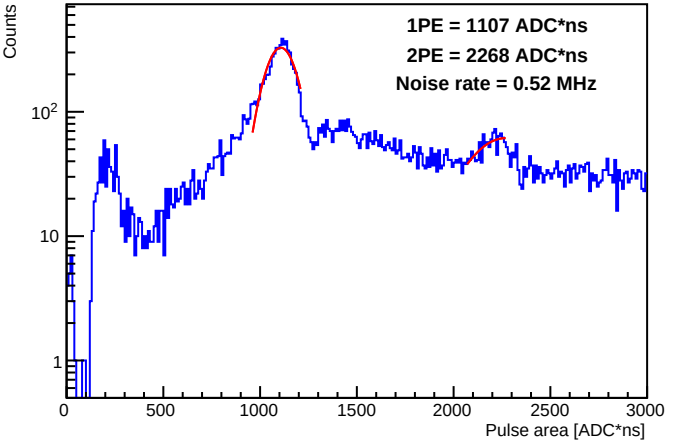

Example of a 1PE dark noise pulse
ADC
Time [ns]


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

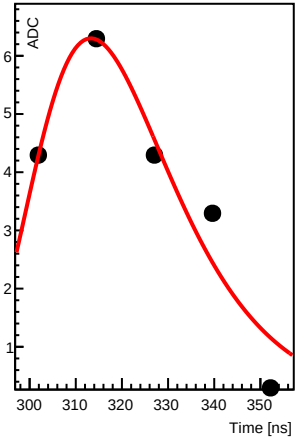
FEB2 Chan9 Pedestal



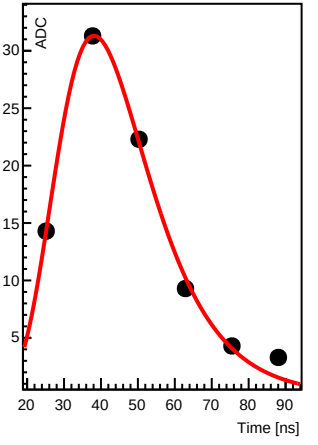
FEB2 Chan9 Calibration

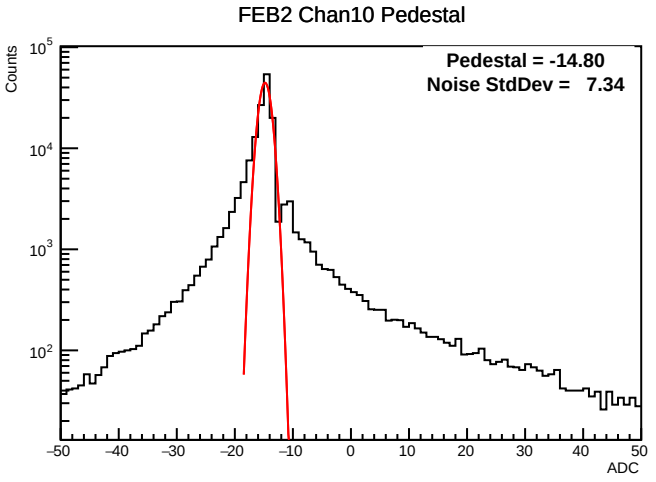


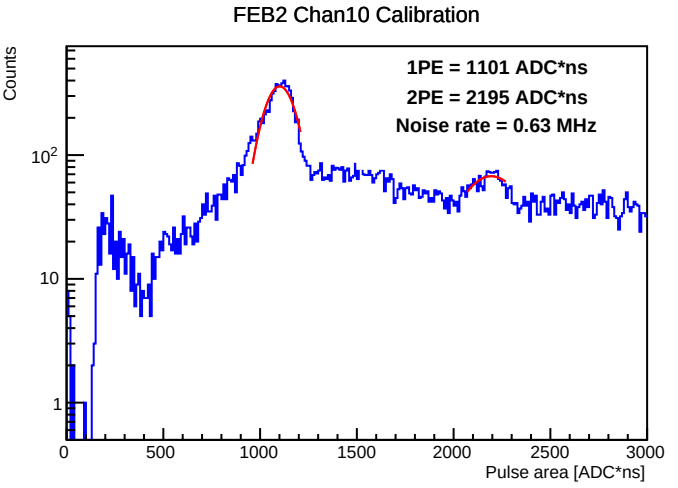
Example of a 1PE dark noise pulse

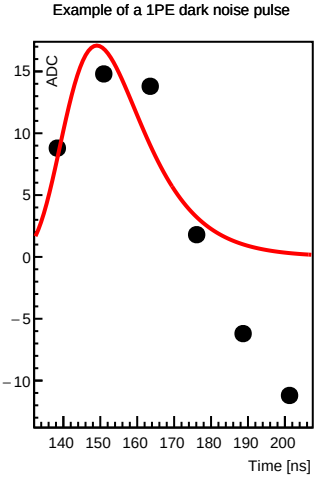


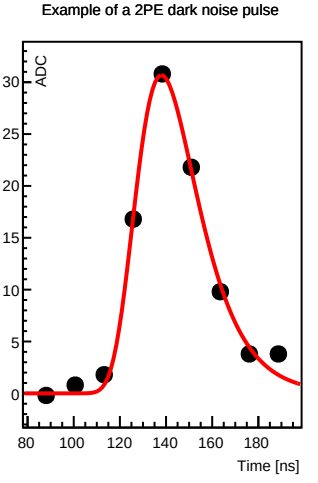
Example of a 2PE dark noise pulse



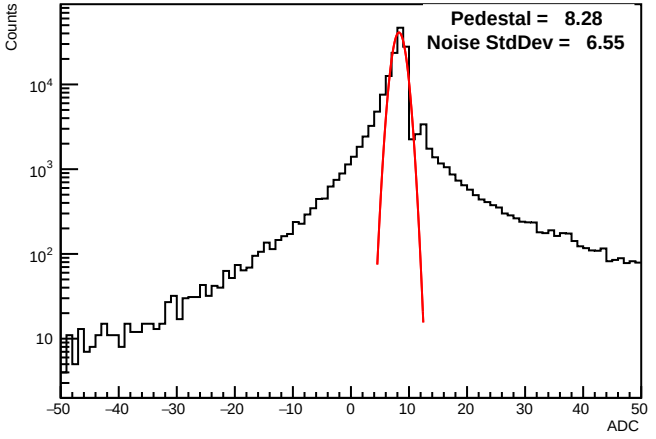

FEB2 Chan10 Pedestal
Pedestal = -14.80
Noise StdDev = 7.34
Counts
ADC


FEB2 Chan10 Calibration
1PE = 1101 ADC*ns
2PE = 2195 ADC*ns
Noise rate = 0.63 MHz
Counts
Pulse area [ADC*ns]

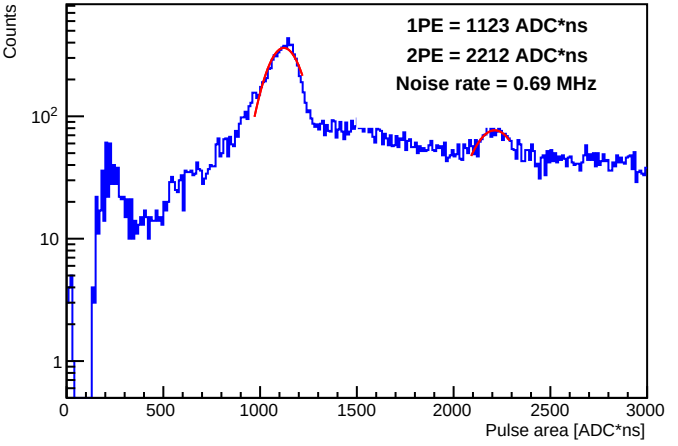

Example of a 1PE dark noise pulse
ADC
Time [ns]


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

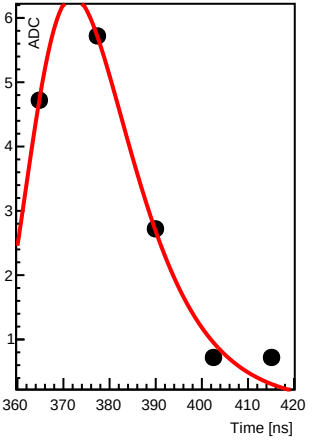
FEB2 Chan11 Pedestal



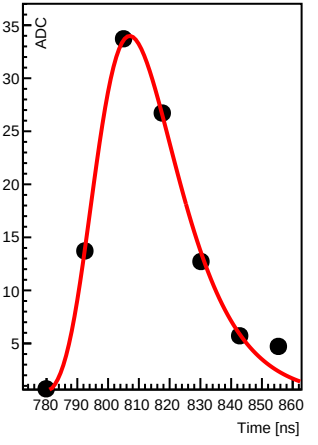
FEB2 Chan11 Calibration



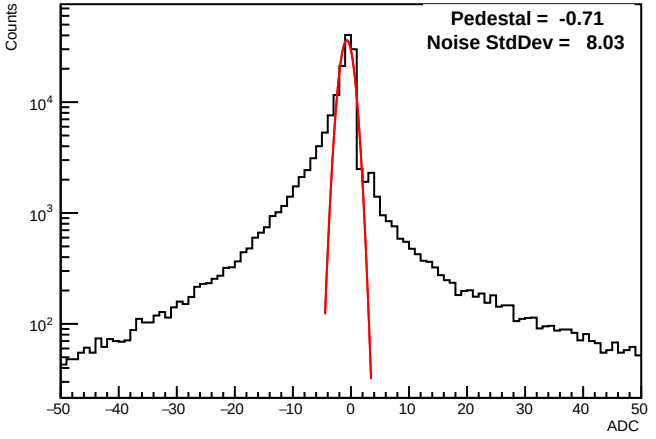
Example of a 1PE dark noise pulse



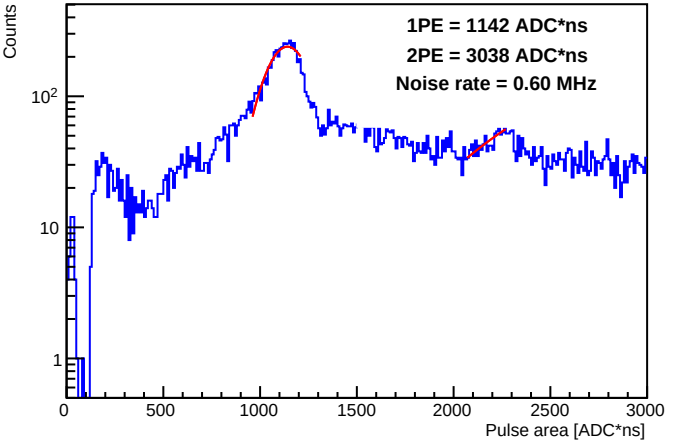
Example of a 2PE dark noise pulse



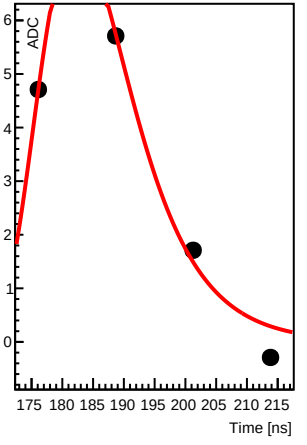
FEB2 Chan12 Pedestal



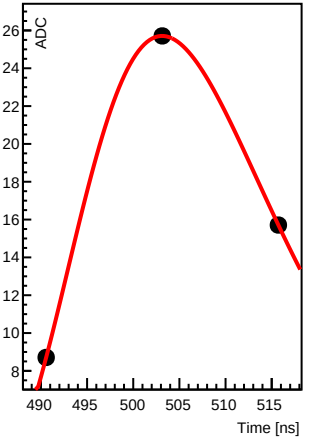
FEB2 Chan12 Calibration



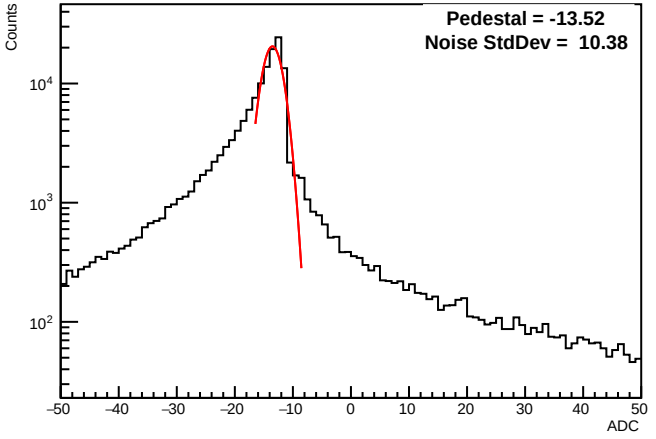
Example of a 1PE dark noise pulse



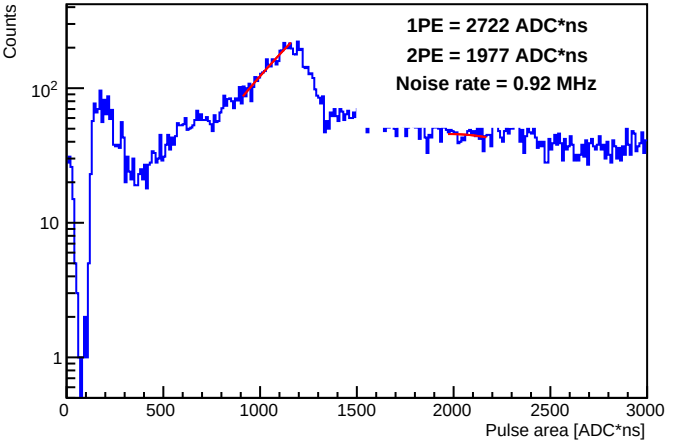
Example of a 2PE dark noise pulse



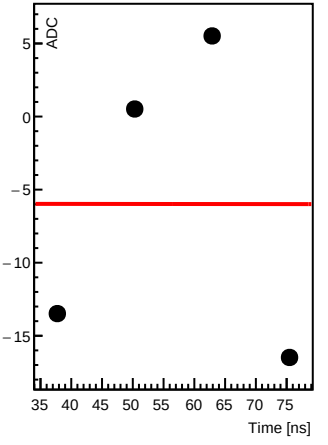
FEB2 Chan13 Pedestal



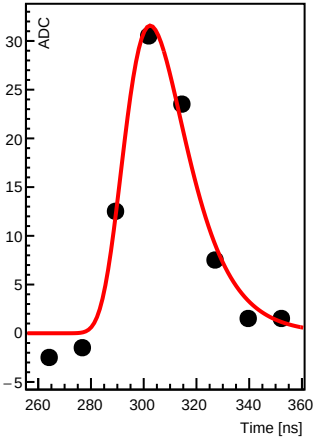
FEB2 Chan13 Calibration



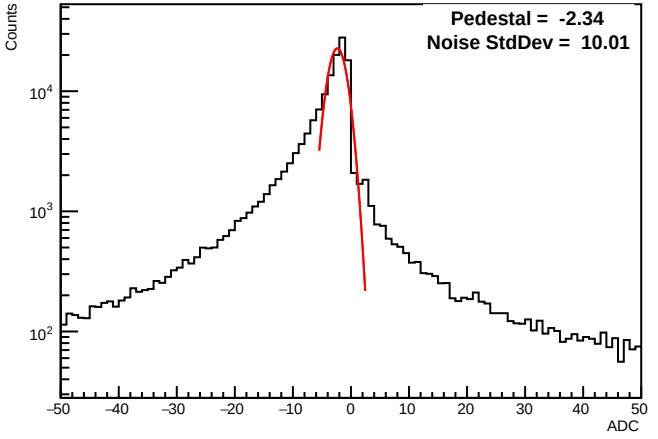
Example of a 1PE dark noise pulse



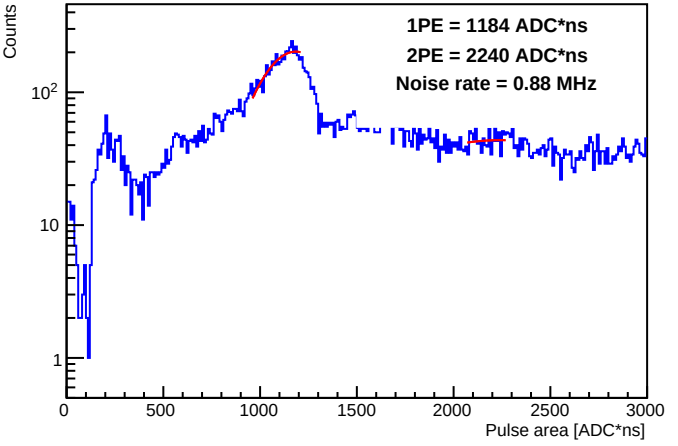
Example of a 2PE dark noise pulse



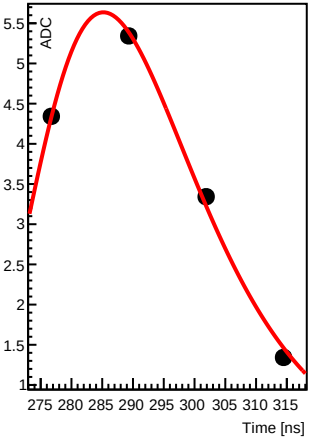
FEB2 Chan14 Pedestal



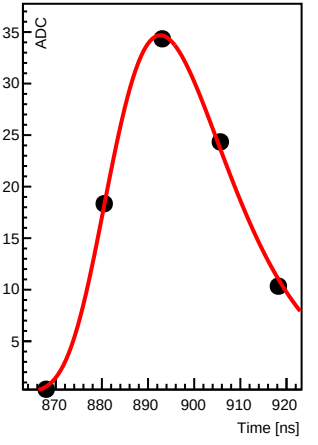
FEB2 Chan14 Calibration

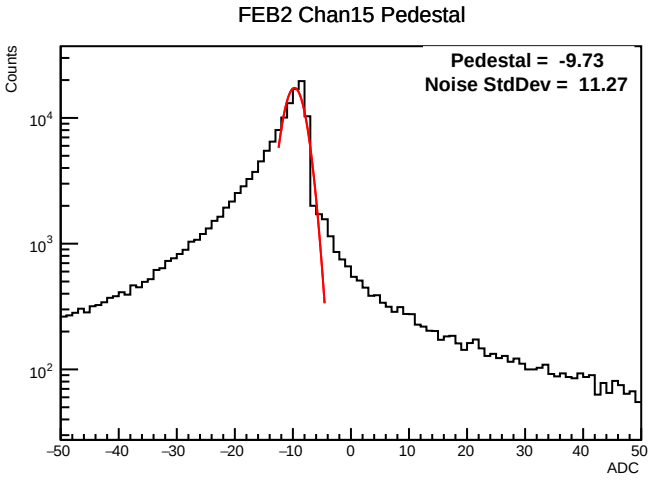


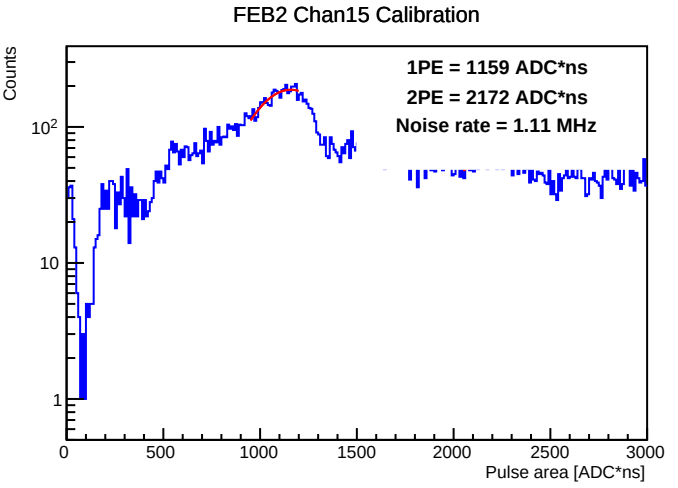
Example of a 1PE dark noise pulse

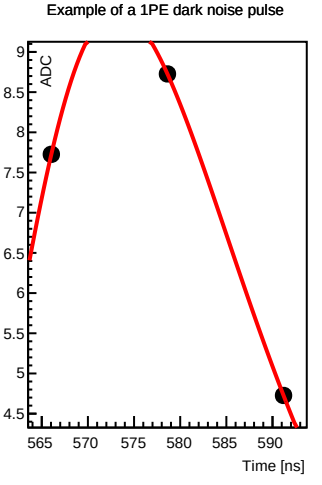


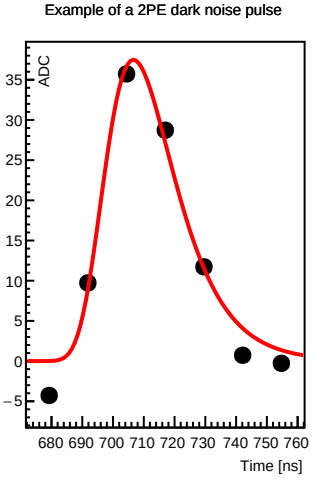
Example of a 2PE dark noise pulse




FEB2 Chan15 Pedestal
Pedestal = -9.73
Noise StdDev = 11.27
Counts
ADC


FEB2 Chan15 Calibration
1PE = 1159 ADC*ns
2PE = 2172 ADC*ns
Noise rate = 1.11 MHz
Counts
Pulse area [ADC*ns]


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


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