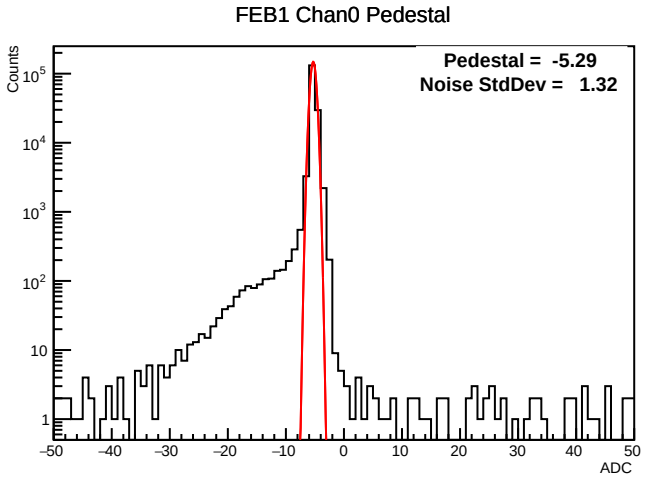
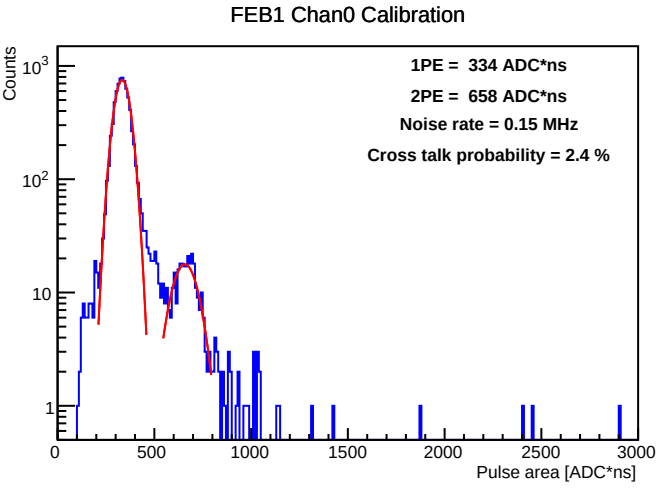
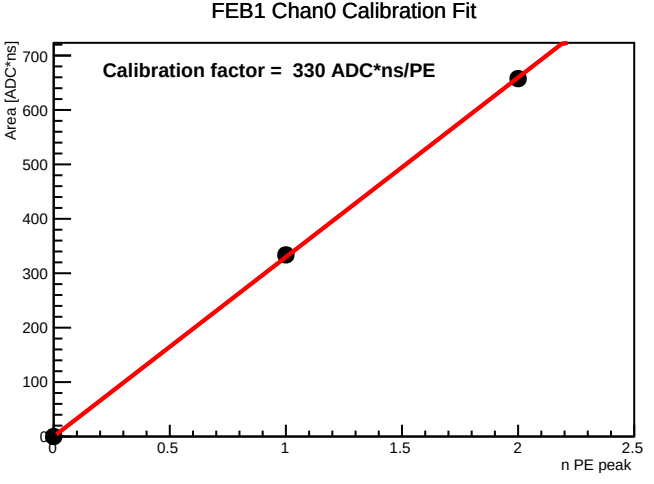
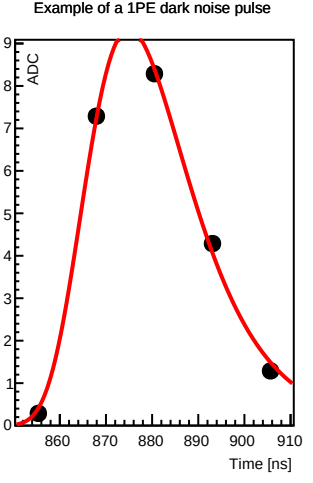
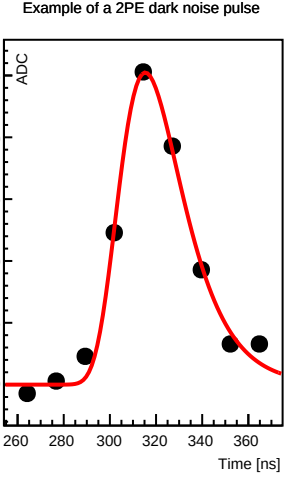
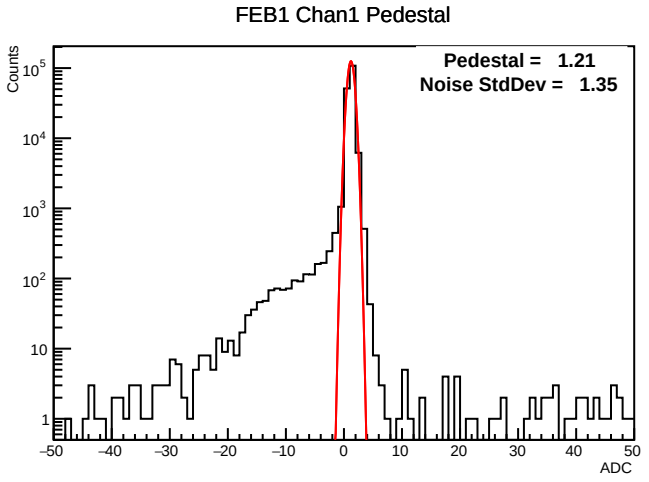

FEB1 Chan0 Pedestal
Pedestal = -5.29
Noise StdDev = 1.32
Counts
ADC

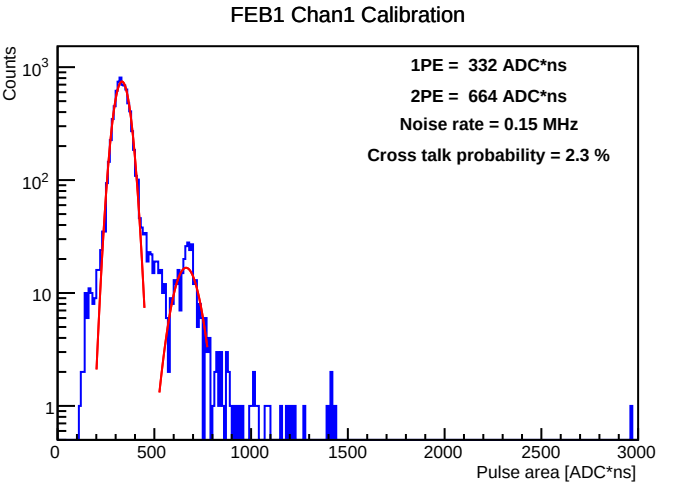

FEB1 Chan0 Calibration
1PE = 334 ADC*ns
2PE = 658 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 2.4 %
Counts
Pulse area [ADC*ns]

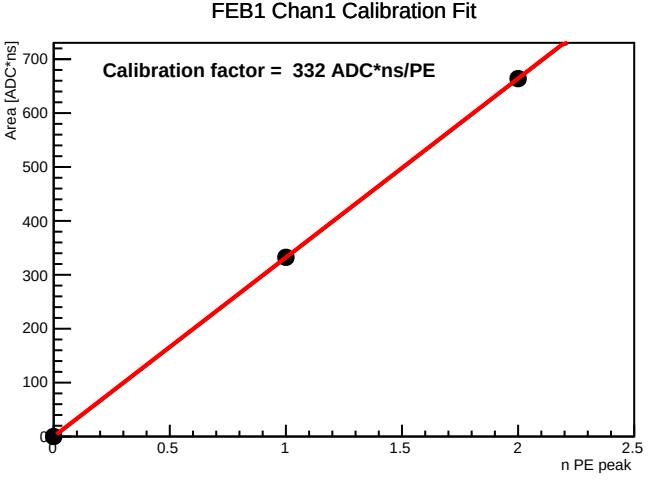

FEB1 Chan0 Calibration Fit
Calibration factor = 330 ADC*ns/PE
Area [ADC*ns]
n PE peak

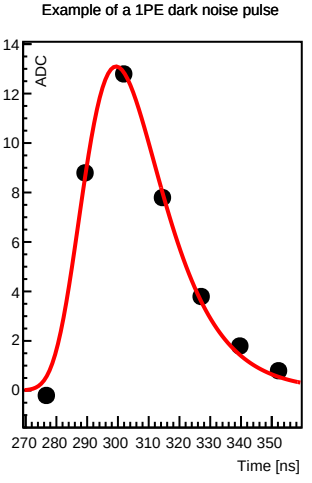

Example of a 1PE dark noise pulse
ADC
Time [ns]

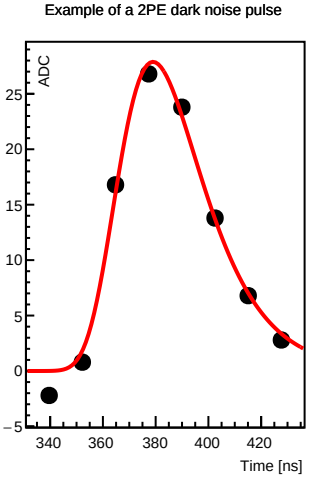

Example of a 2PE dark noise pulse
ADC
Time [ns]

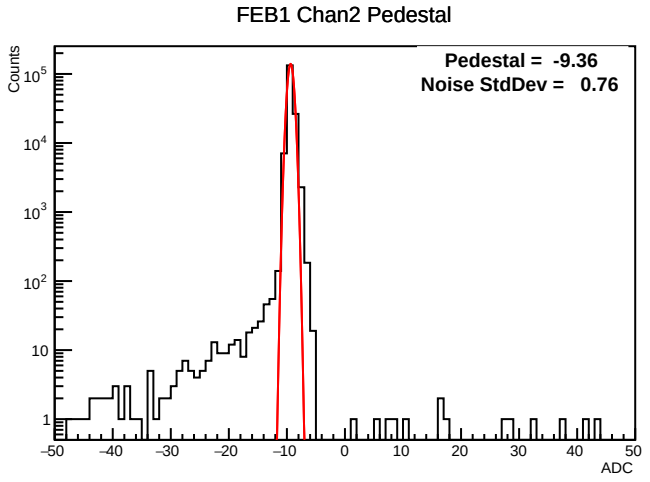

FEB1 Chan1 Pedestal
Pedestal = 1.21
Noise StdDev = 1.35
Counts
ADC

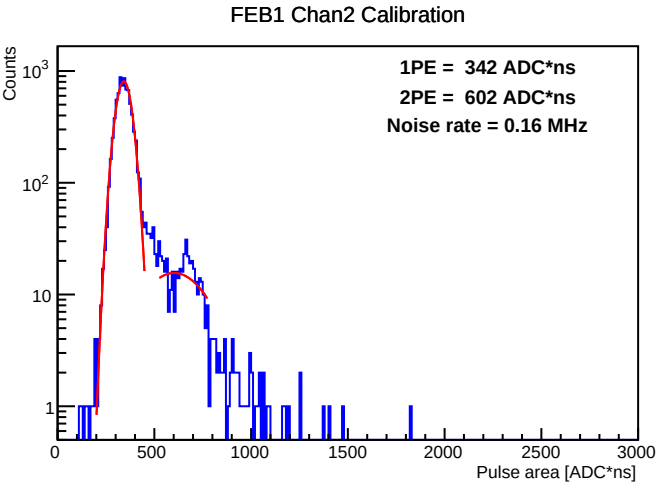

FEB1 Chan1 Calibration
1PE = 332 ADC*ns
2PE = 664 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 2.3 %
Counts
Pulse area [ADC*ns]

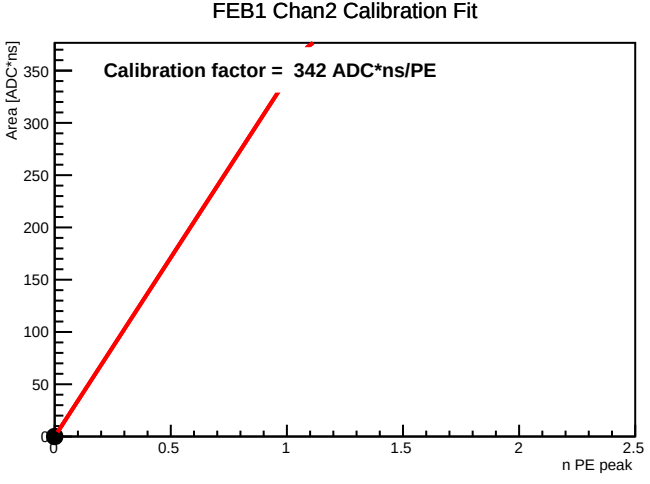

FEB1 Chan1 Calibration Fit
Calibration factor = 332 ADC*ns/PE
Area [ADC*ns]
n PE peak

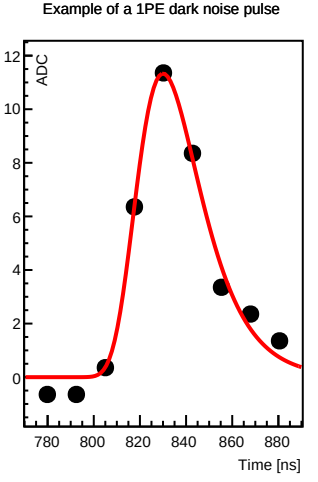

Example of a 1PE dark noise pulse
ADC
Time [ns]

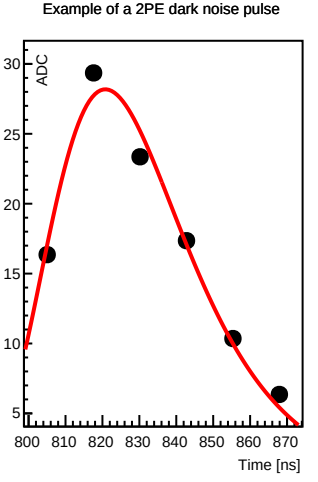

Example of a 2PE dark noise pulse
ADC
Time [ns]

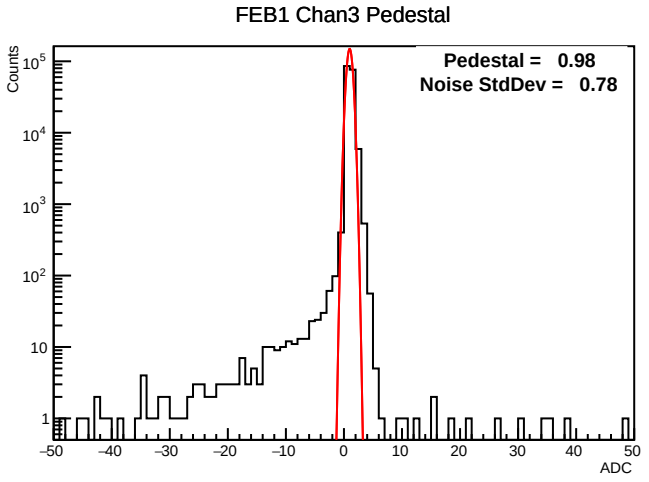

FEB1 Chan2 Pedestal
Pedestal = -9.36
Noise StdDev = 0.76
Counts
ADC

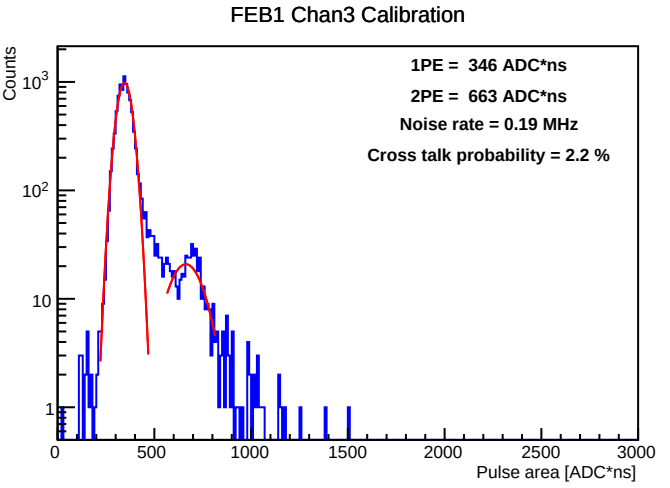

FEB1 Chan2 Calibration
1PE = 342 ADC*ns
2PE = 602 ADC*ns
Noise rate = 0.16 MHz
Counts
Pulse area [ADC*ns]

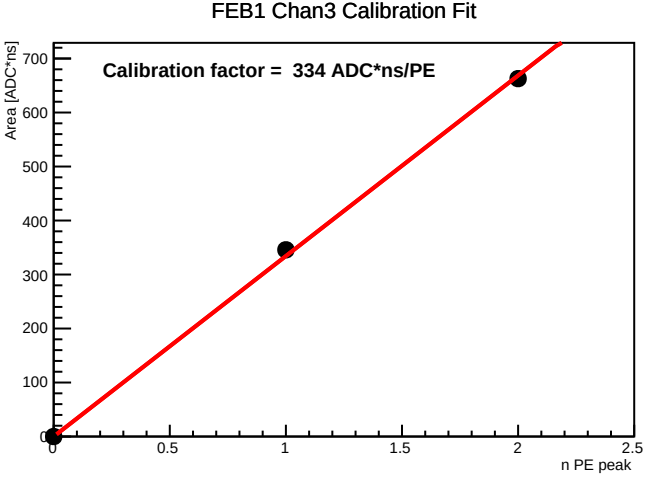

FEB1 Chan2 Calibration Fit
Calibration factor = 342 ADC*ns/PE
Area [ADC*ns]
n PE peak

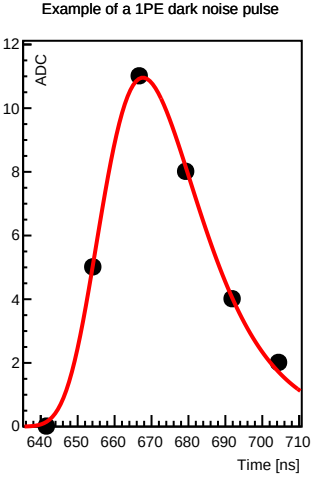

Example of a 1PE dark noise pulse
ADC
Time [ns]

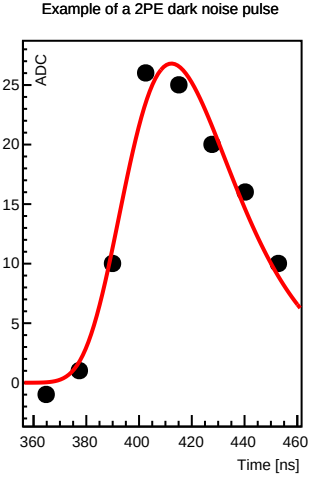

Example of a 2PE dark noise pulse
ADC
Time [ns]

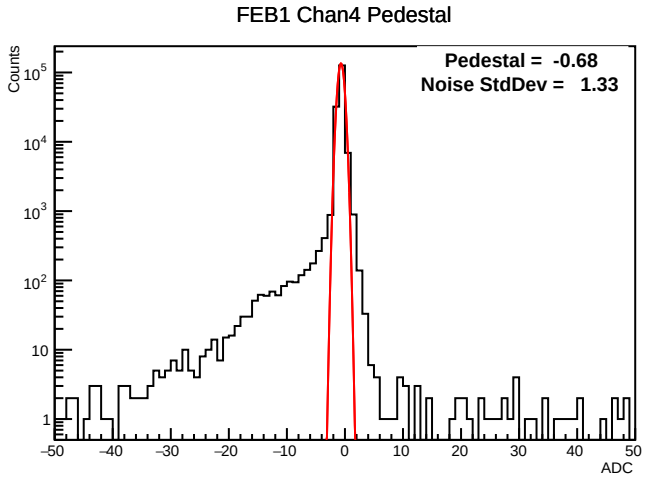

FEB1 Chan3 Pedestal
Pedestal = 0.98
Noise StdDev = 0.78
Counts
ADC

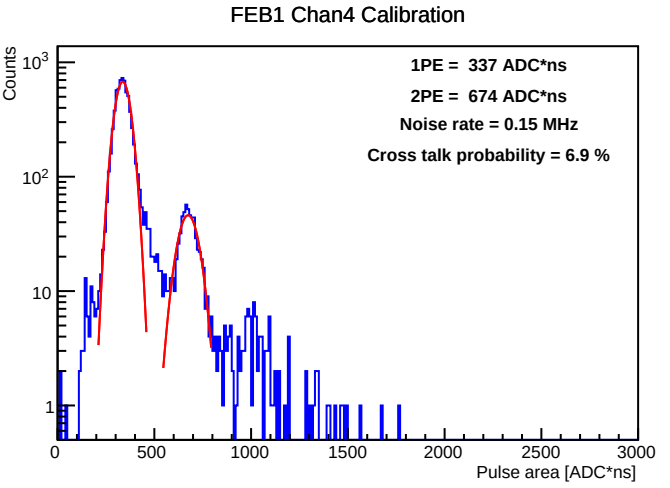

FEB1 Chan3 Calibration
1PE = 346 ADC*ns
2PE = 663 ADC*ns
Noise rate = 0.19 MHz
Cross talk probability = 2.2 %
Counts
Pulse area [ADC*ns]

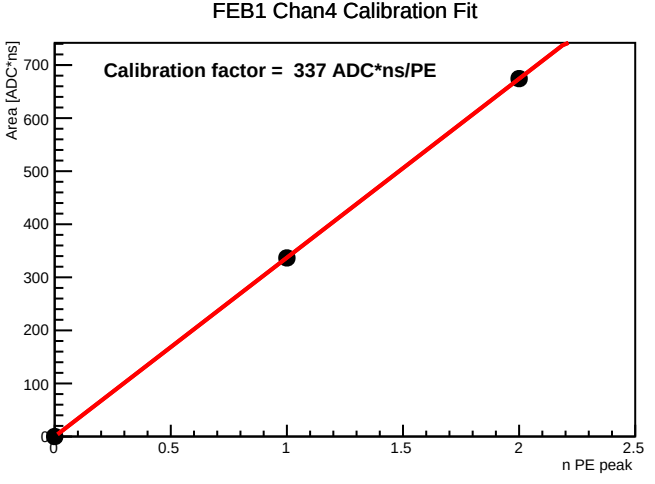

FEB1 Chan3 Calibration Fit
Calibration factor = 334 ADC*ns/PE
Area [ADC*ns]
n PE peak

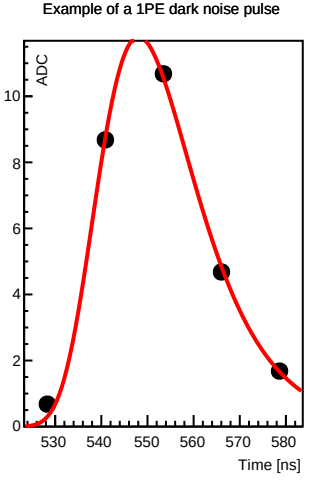

Example of a 1PE dark noise pulse
ADC
Time [ns]

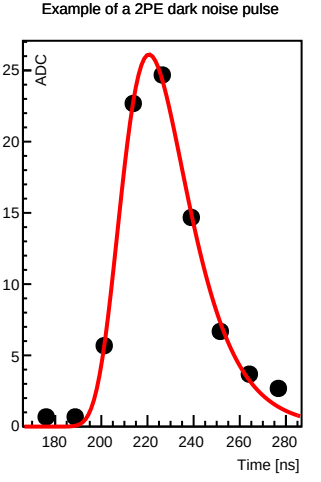

Example of a 2PE dark noise pulse
ADC
Time [ns]

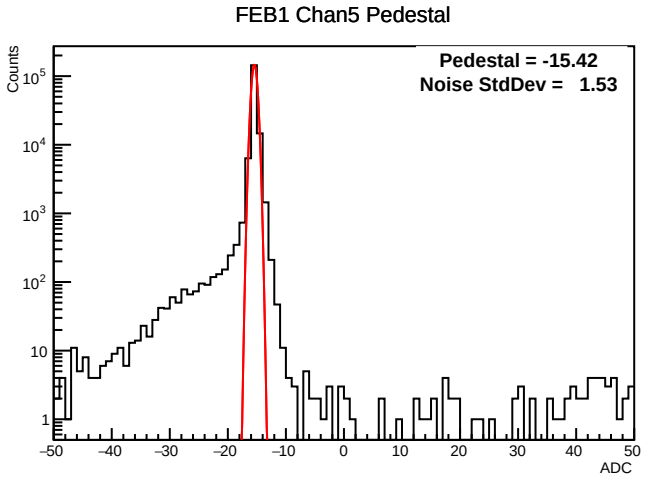

FEB1 Chan4 Pedestal
Pedestal = -0.68
Noise StdDev = 1.33
Counts
ADC

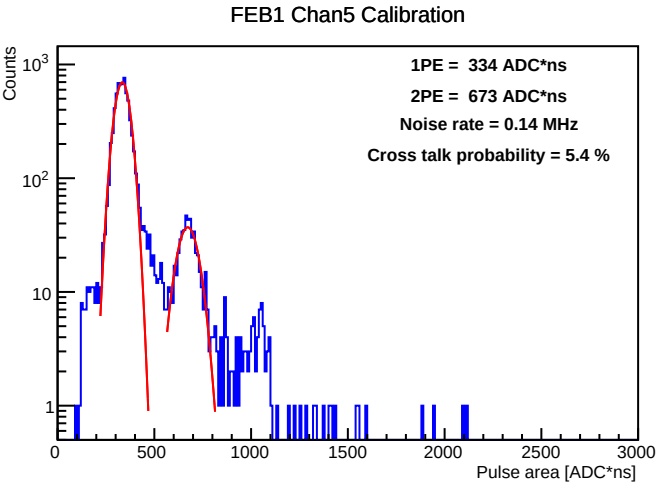

FEB1 Chan4 Calibration
1PE = 337 ADC*ns
2PE = 674 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 6.9 %
Counts
Pulse area [ADC*ns]

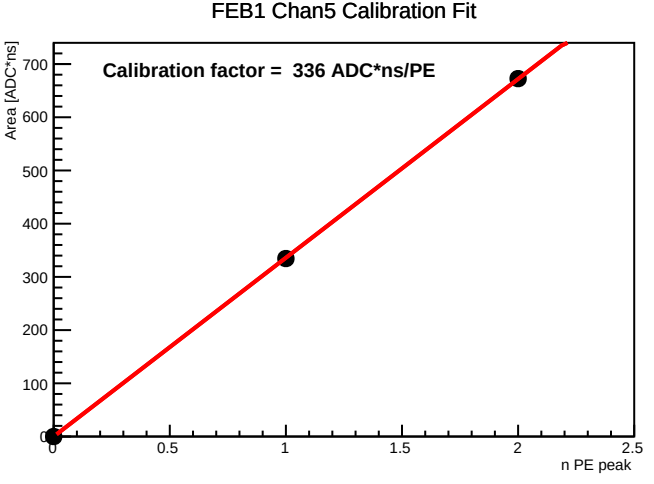

FEB1 Chan4 Calibration Fit
Calibration factor = 337 ADC*ns/PE
Area [ADC*ns]
n PE peak

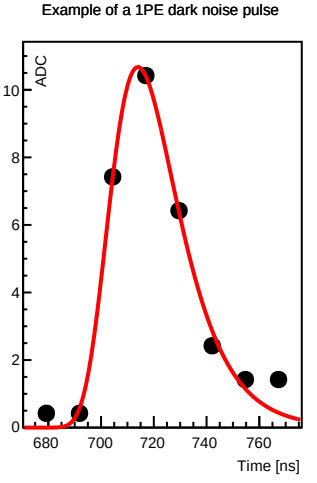

Example of a 1PE dark noise pulse
ADC
Time [ns]

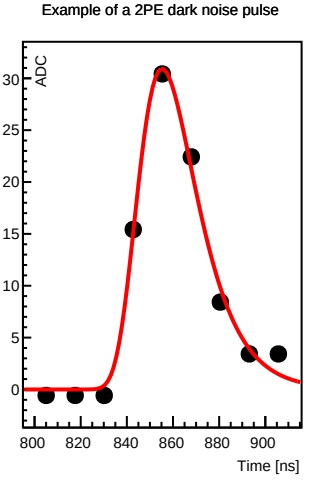

Example of a 2PE dark noise pulse
ADC
Time [ns]

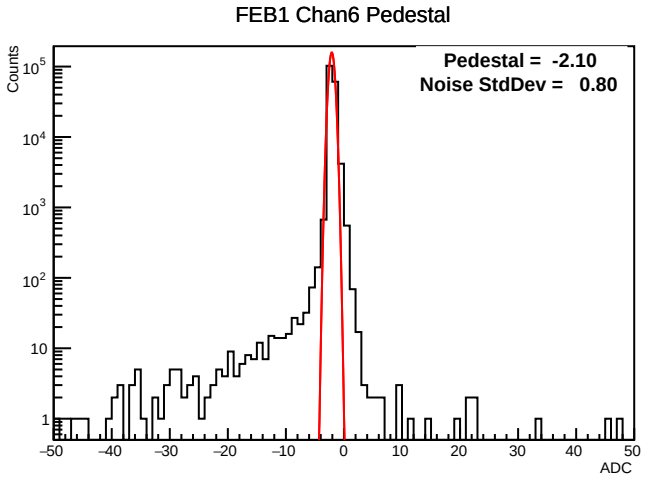

FEB1 Chan5 Pedestal
Pedestal = -15.42
Noise StdDev = 1.53
Counts
ADC

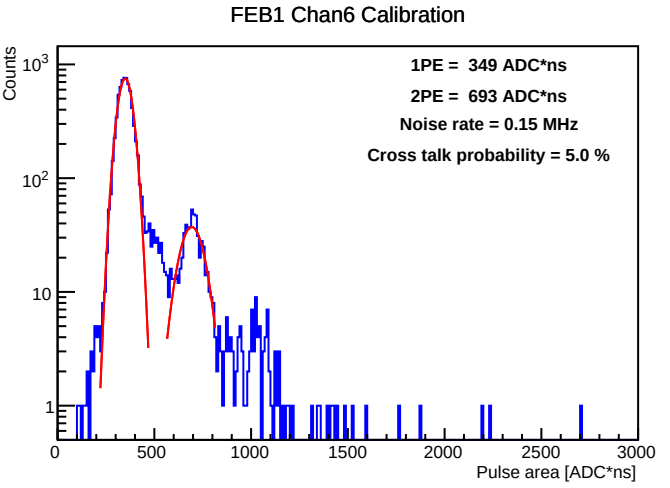

FEB1 Chan5 Calibration
1PE = 334 ADC*ns
2PE = 673 ADC*ns
Noise rate = 0.14 MHz
Cross talk probability = 5.4 %
Counts
Pulse area [ADC*ns]

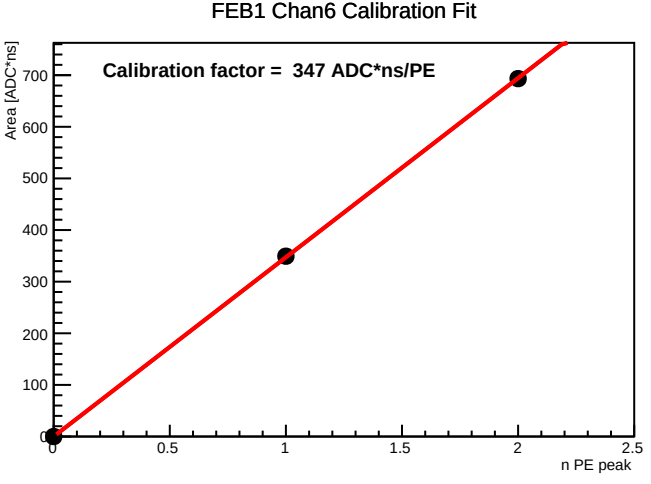

FEB1 Chan5 Calibration Fit
Calibration factor = 336 ADC*ns/PE
Area [ADC*ns]
n PE peak

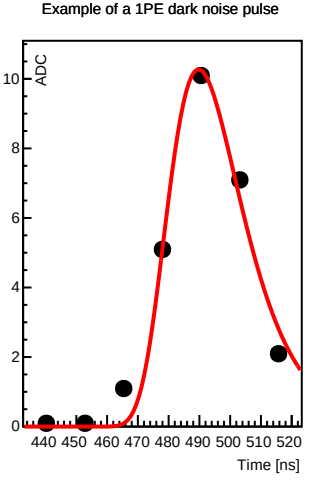

Example of a 1PE dark noise pulse
ADC
Time [ns]

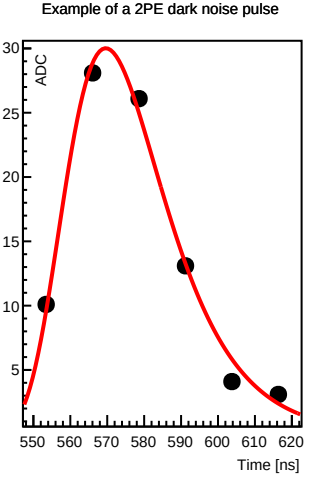

Example of a 2PE dark noise pulse
ADC
Time [ns]

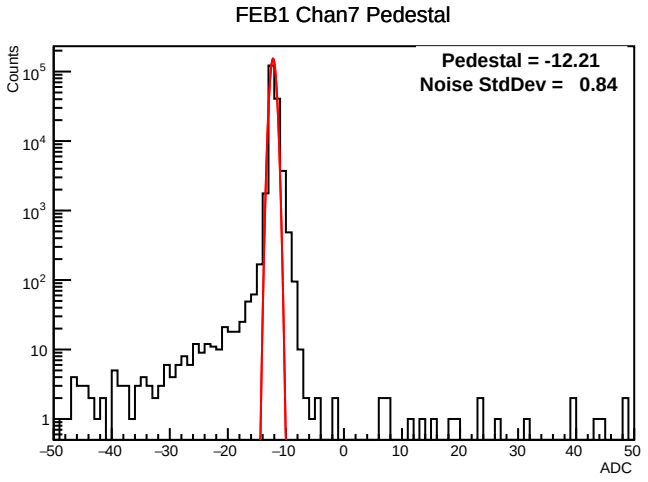

FEB1 Chan6 Pedestal
Pedestal = -2.10
Noise StdDev = 0.80
Counts
ADC

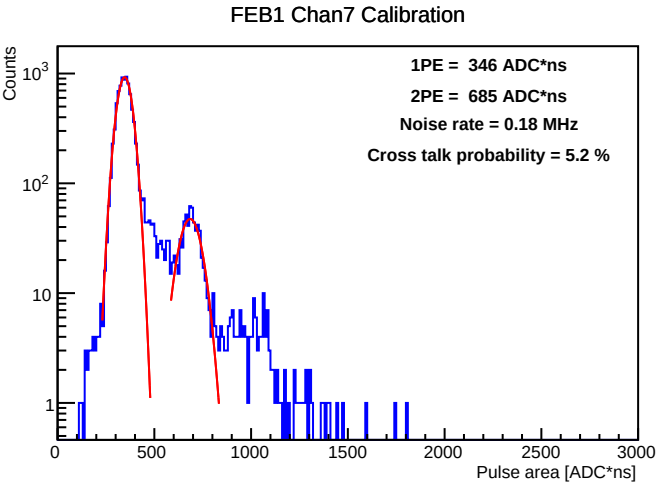

FEB1 Chan6 Calibration
1PE = 349 ADC*ns
2PE = 693 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 5.0 %
Counts
Pulse area [ADC*ns]

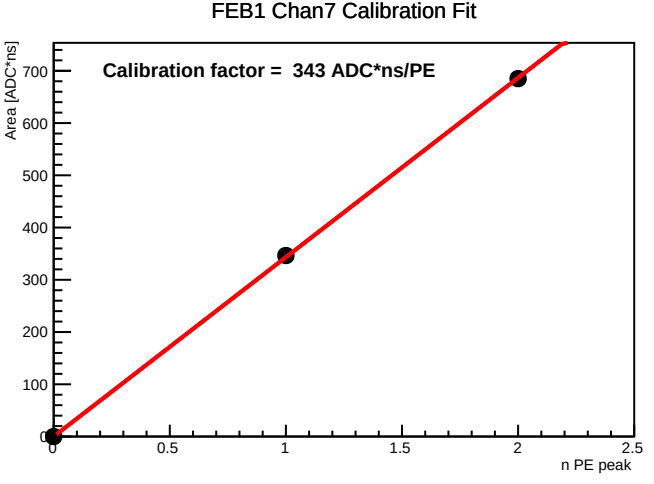

FEB1 Chan6 Calibration Fit
Calibration factor = 347 ADC*ns/PE
Area [ADC*ns]
n PE peak

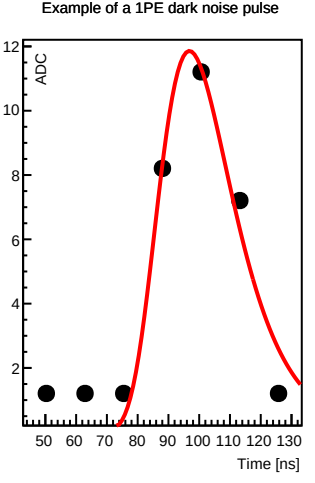

Example of a 1PE dark noise pulse
ADC
Time [ns]

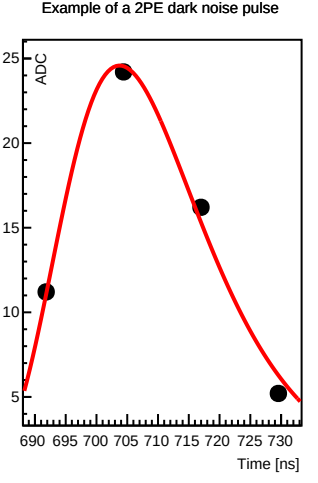

Example of a 2PE dark noise pulse
ADC
Time [ns]

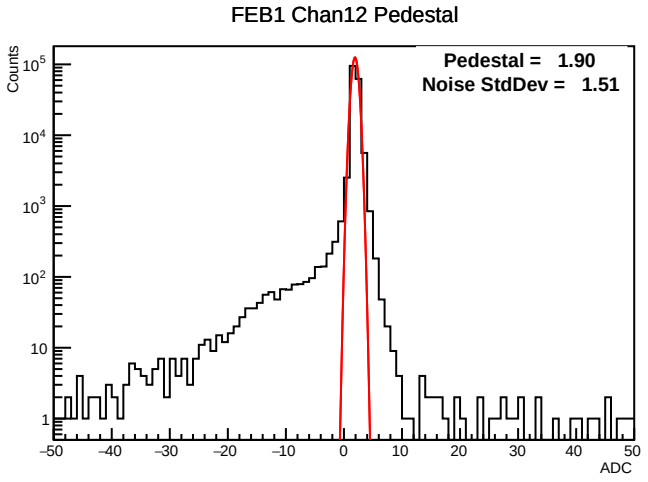

FEB1 Chan7 Pedestal
Pedestal = -12.21
Noise StdDev = 0.84
Counts
ADC

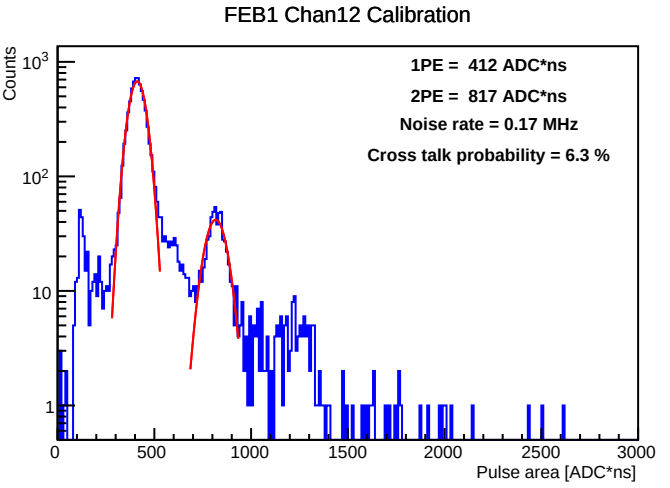

FEB1 Chan7 Calibration
1PE = 346 ADC*ns
2PE = 685 ADC*ns
Noise rate = 0.18 MHz
Cross talk probability = 5.2 %
Counts
Pulse area [ADC*ns]

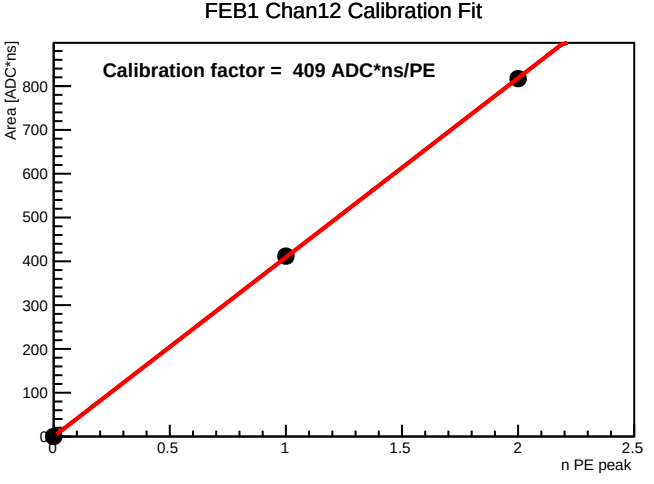

FEB1 Chan7 Calibration Fit
Calibration factor = 343 ADC*ns/PE
Area [ADC*ns]
n PE peak

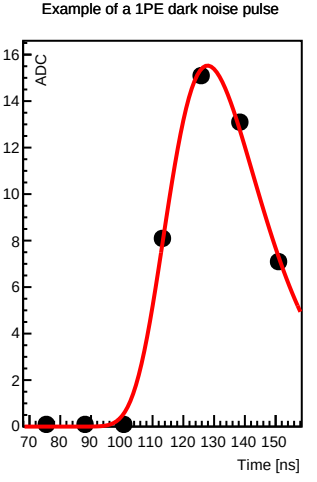

Example of a 1PE dark noise pulse
ADC
Time [ns]

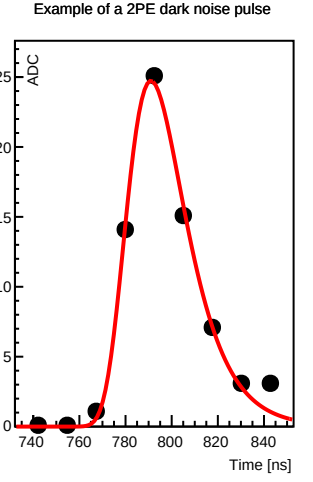

Example of a 2PE dark noise pulse
ADC
Time [ns]

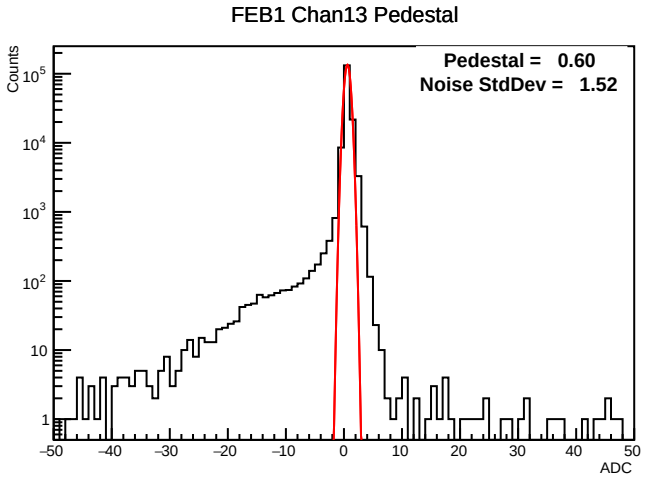

FEB1 Chan12 Pedestal
Pedestal = 1.90
Noise StdDev = 1.51
Counts
ADC

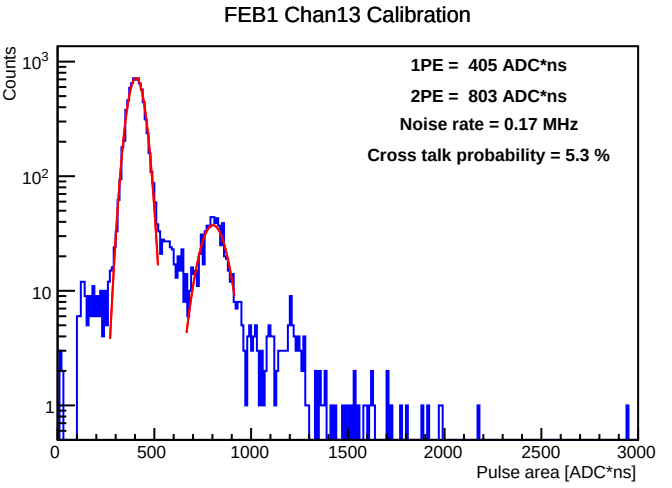

FEB1 Chan12 Calibration
1PE = 412 ADC*ns
2PE = 817 ADC*ns
Noise rate = 0.17 MHz
Cross talk probability = 6.3 %
Counts
Pulse area [ADC*ns]

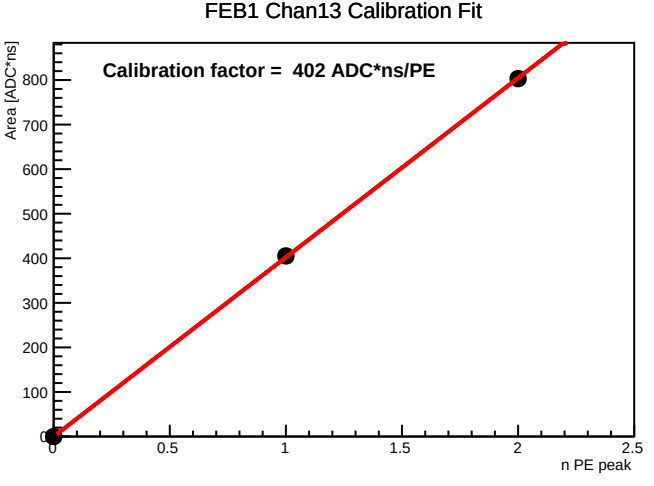

FEB1 Chan12 Calibration Fit
Calibration factor = 409 ADC*ns/PE
Area [ADC*ns]
n PE peak

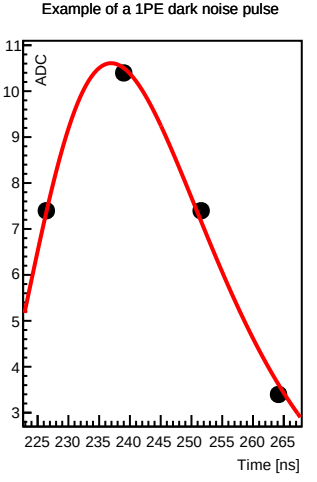

Example of a 1PE dark noise pulse
ADC
Time [ns]

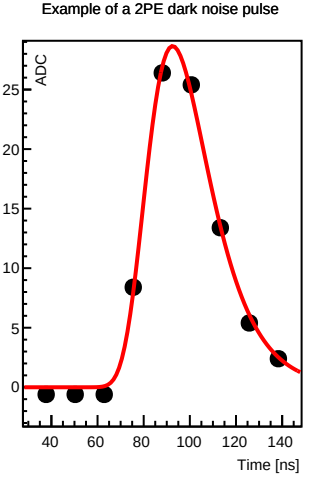

Example of a 2PE dark noise pulse
ADC
Time [ns]

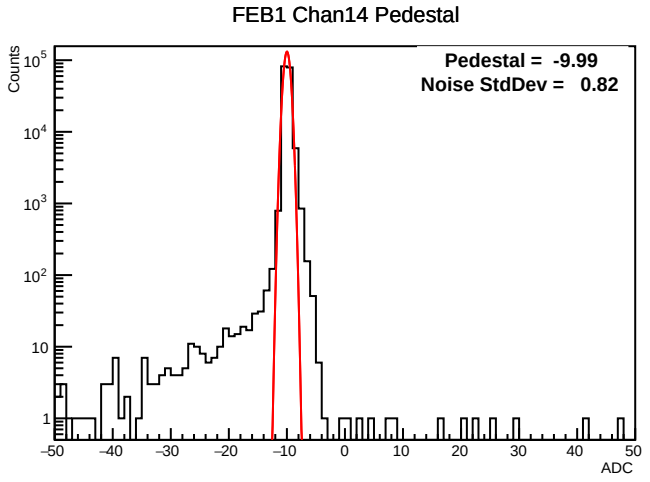

FEB1 Chan13 Pedestal
Pedestal = 0.60
Noise StdDev = 1.52
Counts
ADC

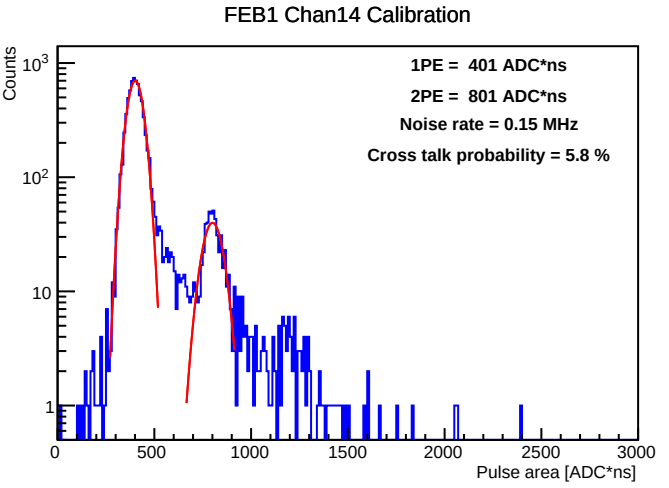

FEB1 Chan13 Calibration
1PE = 405 ADC*ns
2PE = 803 ADC*ns
Noise rate = 0.17 MHz
Cross talk probability = 5.3 %
Counts
Pulse area [ADC*ns]

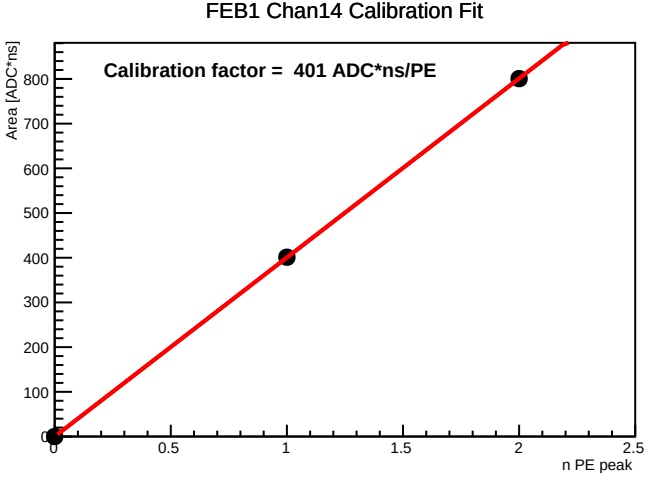

FEB1 Chan13 Calibration Fit
Calibration factor = 402 ADC*ns/PE
Area [ADC*ns]
n PE peak

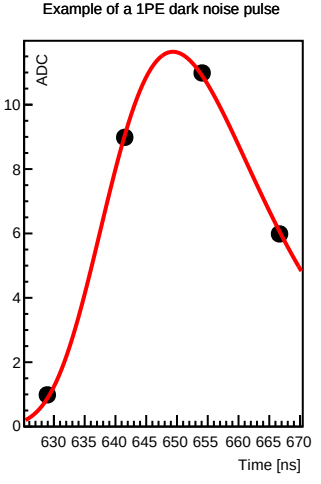

Example of a 1PE dark noise pulse
ADC
Time [ns]

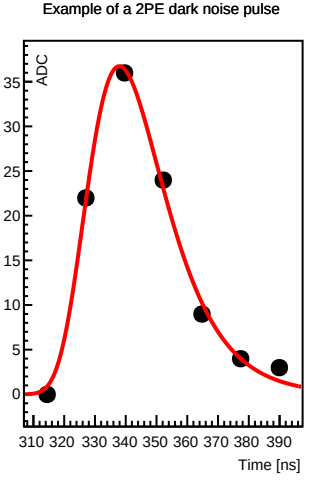

Example of a 2PE dark noise pulse
ADC
Time [ns]

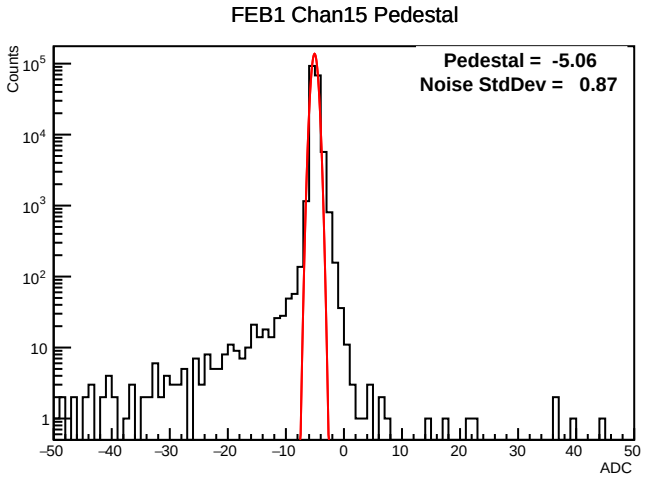

FEB1 Chan14 Pedestal
Pedestal = -9.99
Noise StdDev = 0.82
Counts
ADC

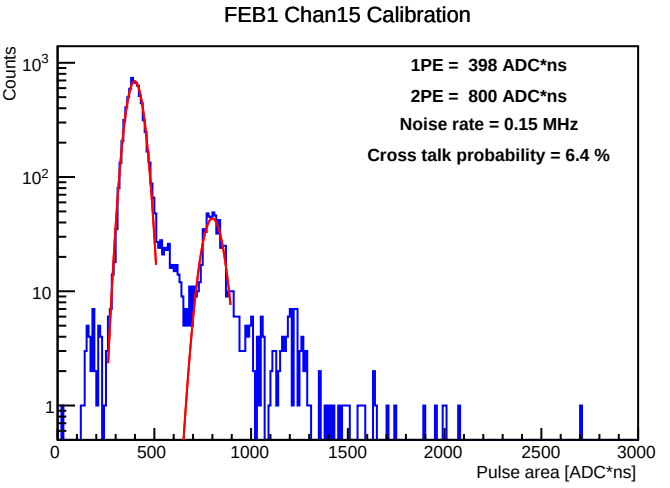

FEB1 Chan14 Calibration
1PE = 401 ADC*ns
2PE = 801 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 5.8 %
Counts
Pulse area [ADC*ns]

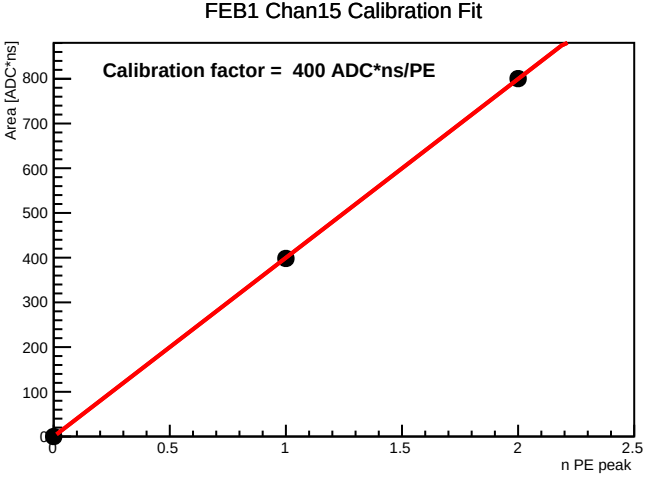

FEB1 Chan14 Calibration Fit
Calibration factor = 401 ADC*ns/PE
Area [ADC*ns]
n PE peak

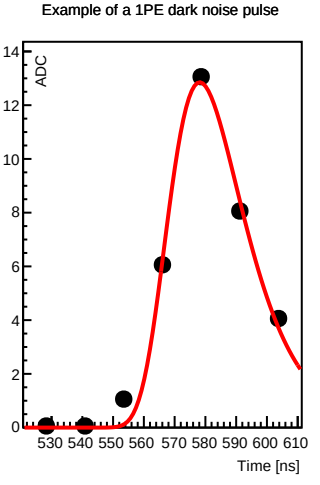

Example of a 1PE dark noise pulse
ADC
Time [ns]

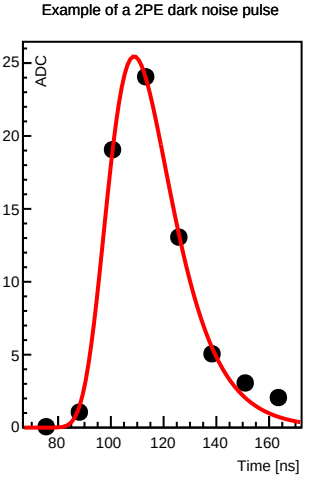

Example of a 2PE dark noise pulse
ADC
Time [ns]

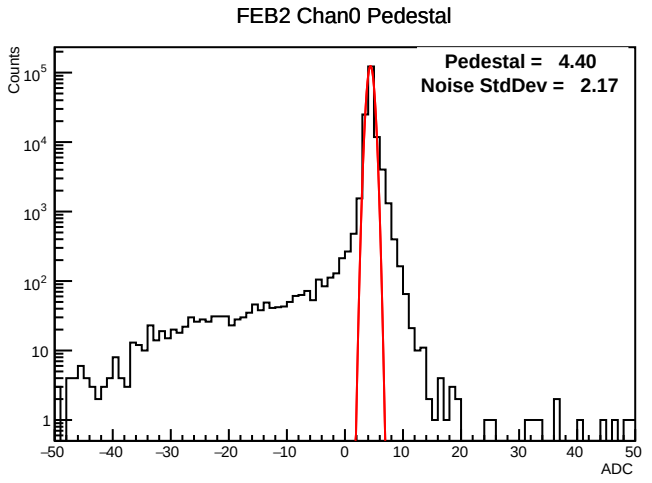

FEB1 Chan15 Pedestal
Pedestal = -5.06
Noise StdDev = 0.87
Counts
ADC

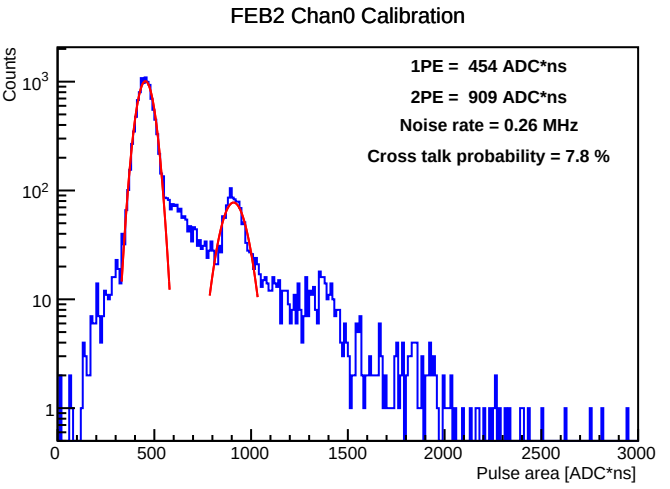

FEB1 Chan15 Calibration
1PE = 398 ADC*ns
2PE = 800 ADC*ns
Noise rate = 0.15 MHz
Cross talk probability = 6.4 %
Counts
Pulse area [ADC*ns]

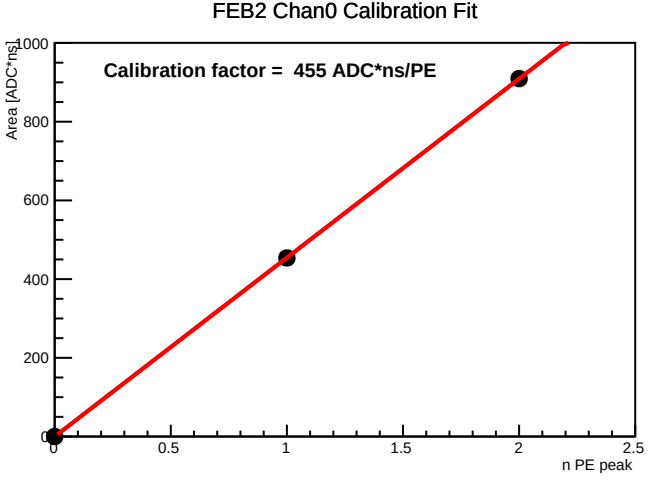

FEB1 Chan15 Calibration Fit
Calibration factor = 400 ADC*ns/PE
Area [ADC*ns]
n PE peak

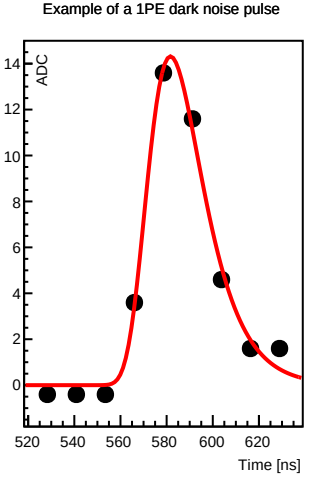

Example of a 1PE dark noise pulse
ADC
Time [ns]

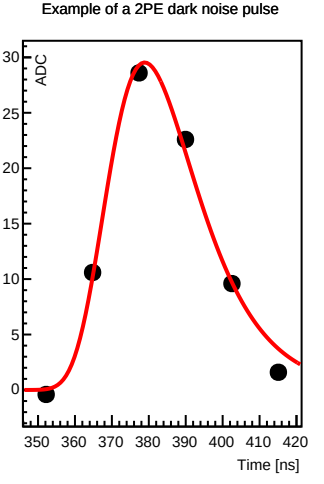

Example of a 2PE dark noise pulse
ADC
Time [ns]

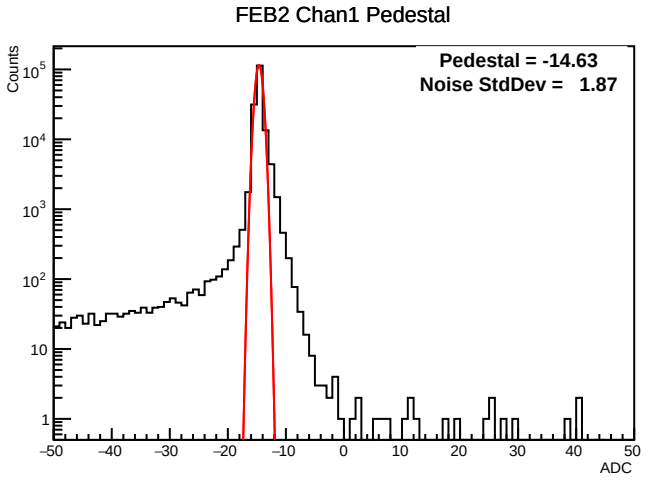

FEB2 Chan0 Pedestal
Pedestal = 4.40
Noise StdDev = 2.17
Counts
ADC

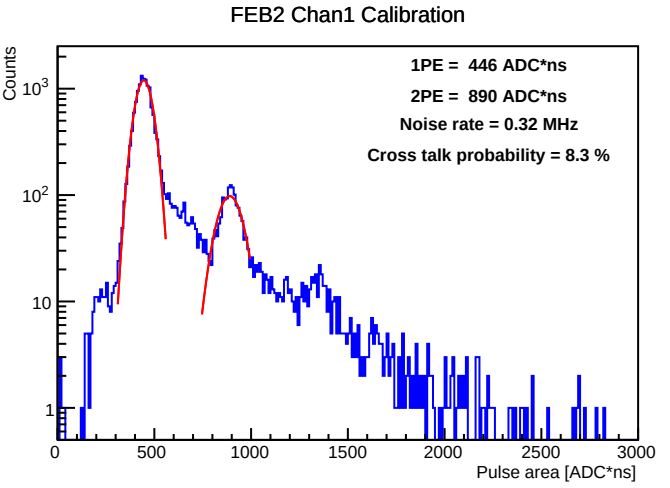

FEB2 Chan0 Calibration
1PE = 454 ADC*ns
2PE = 909 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 7.8 %
Counts
Pulse area [ADC*ns]

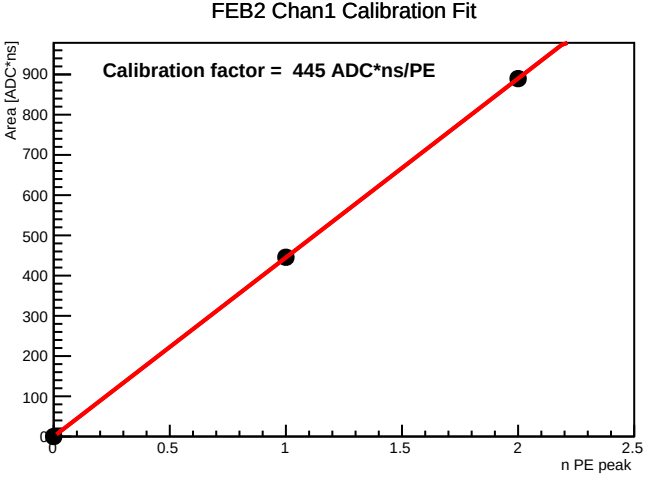

FEB2 Chan0 Calibration Fit
Calibration factor = 455 ADC*ns/PE
Area [ADC*ns]
n PE peak

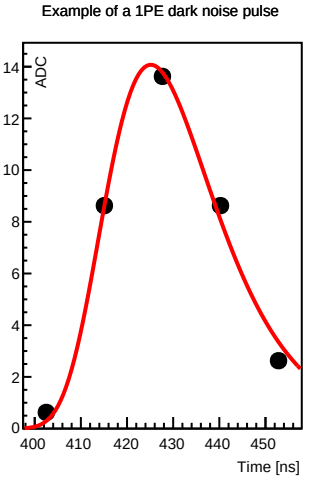

Example of a 1PE dark noise pulse
ADC
Time [ns]

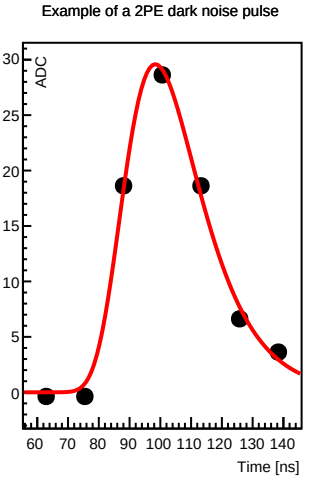

Example of a 2PE dark noise pulse
ADC
Time [ns]

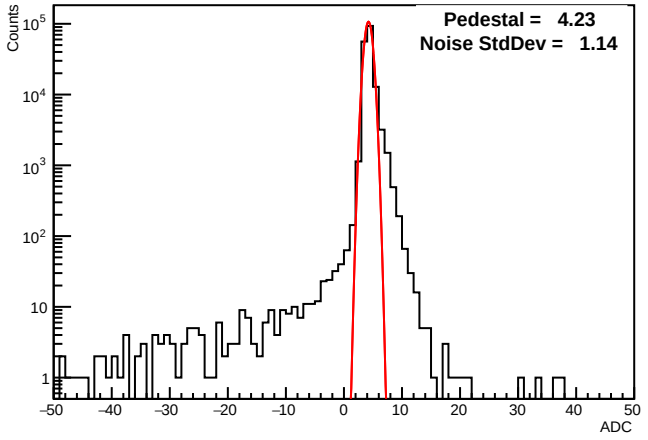

FEB2 Chan1 Pedestal
Pedestal = -14.63
Noise StdDev = 1.87
Counts
ADC

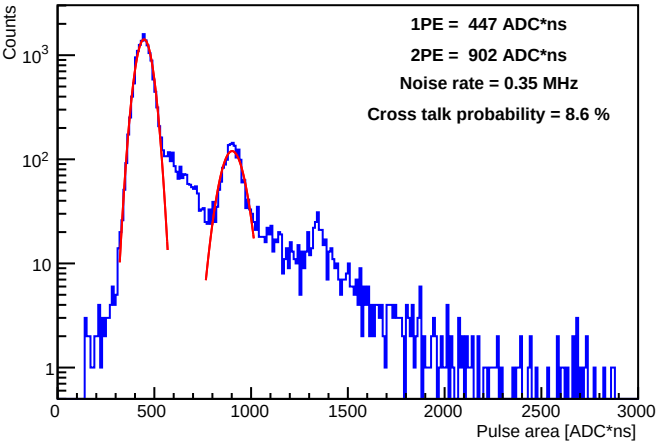

FEB2 Chan1 Calibration
1PE = 446 ADC*ns
2PE = 890 ADC*ns
Noise rate = 0.32 MHz
Cross talk probability = 8.3 %
Counts
Pulse area [ADC*ns]

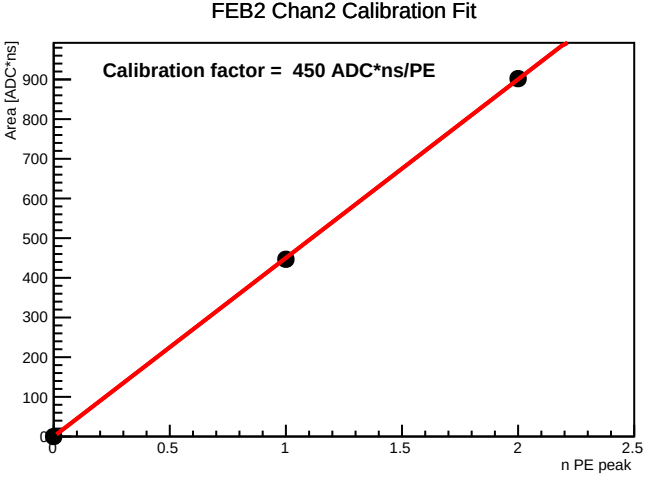

FEB2 Chan1 Calibration Fit
Calibration factor = 445 ADC*ns/PE
Area [ADC*ns]
n PE peak

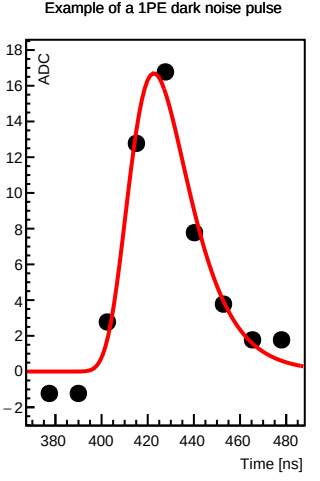

Example of a 1PE dark noise pulse
ADC
Time [ns]

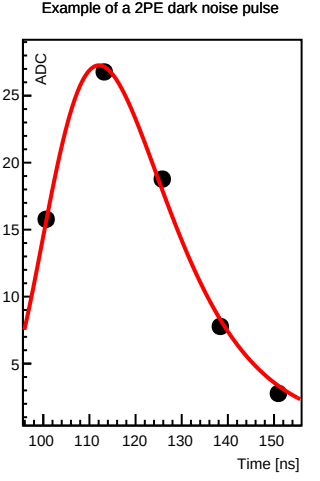

Example of a 2PE dark noise pulse
ADC
Time [ns]

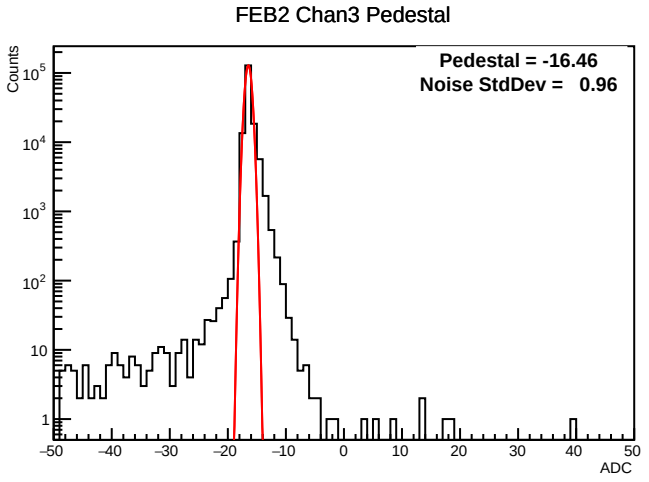

FEB2 Chan2 Pedestal
Pedestal = 4.23
Noise StdDev = 1.14
Counts
ADC

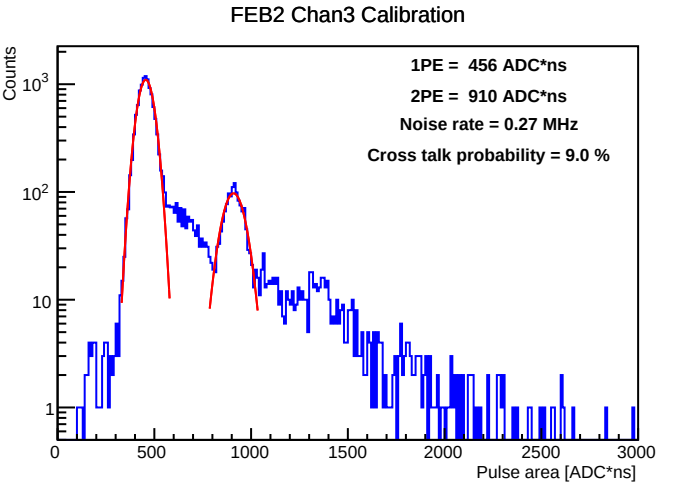

FEB2 Chan2 Calibration
1PE = 447 ADC*ns
2PE = 902 ADC*ns
Noise rate = 0.35 MHz
Cross talk probability = 8.6 %
Counts
Pulse area [ADC*ns]

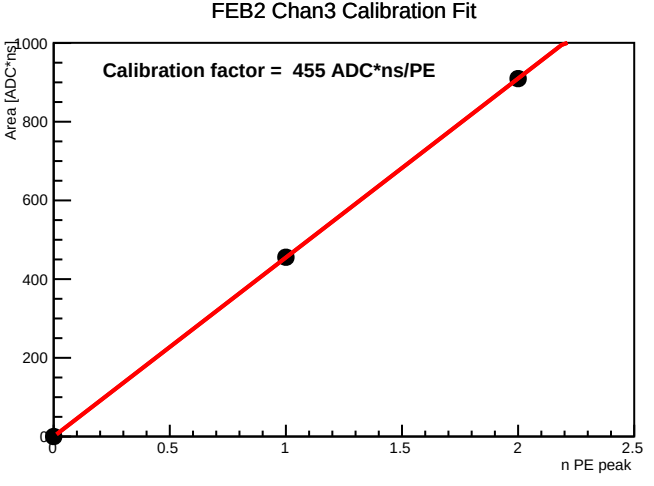

FEB2 Chan2 Calibration Fit
Calibration factor = 450 ADC*ns/PE
Area [ADC*ns]
n PE peak

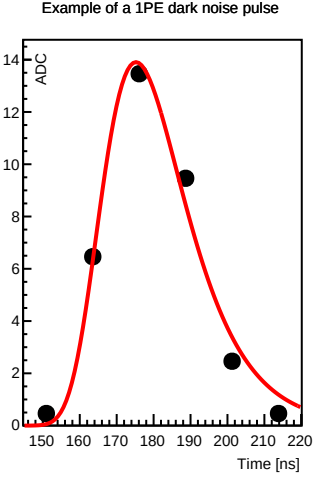

Example of a 1PE dark noise pulse
ADC
Time [ns]

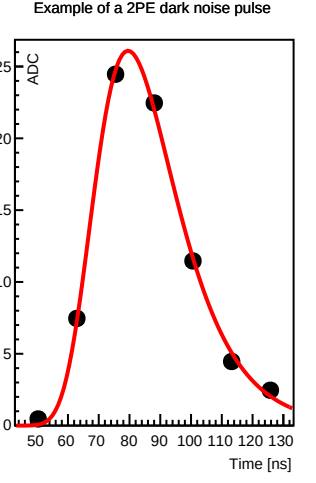

Example of a 2PE dark noise pulse
ADC
Time [ns]

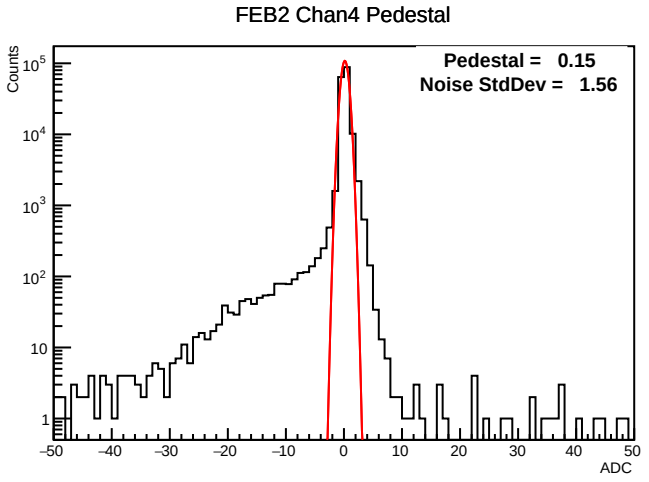

FEB2 Chan3 Pedestal
Pedestal = -16.46
Noise StdDev = 0.96
Counts
ADC

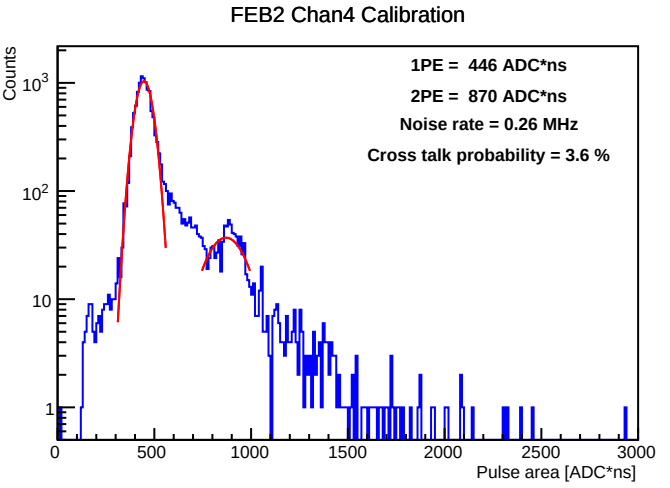

FEB2 Chan3 Calibration
1PE = 456 ADC*ns
2PE = 910 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 9.0 %
Counts
Pulse area [ADC*ns]

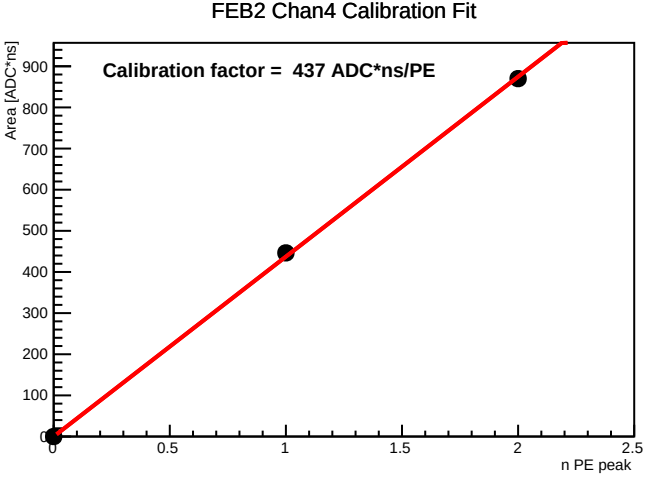

FEB2 Chan3 Calibration Fit
Calibration factor = 455 ADC*ns/PE
Area [ADC*ns]
n PE peak

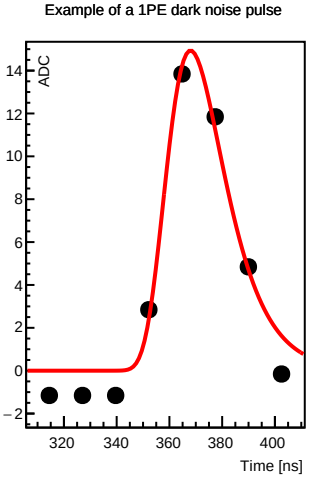

Example of a 1PE dark noise pulse
ADC
Time [ns]

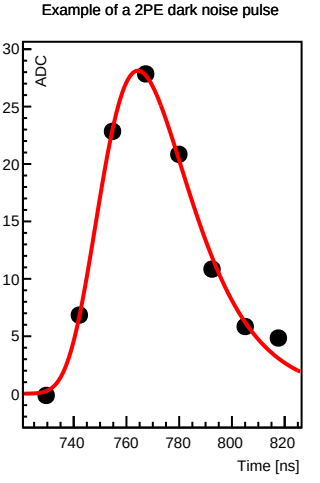

Example of a 2PE dark noise pulse
ADC
Time [ns]

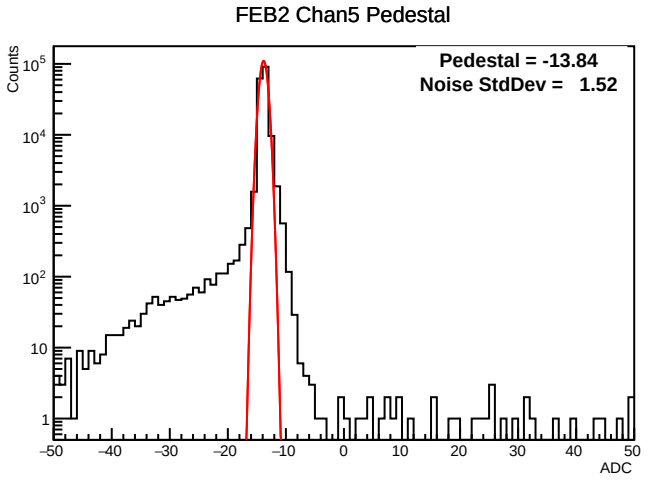

FEB2 Chan4 Pedestal
Pedestal = 0.15
Noise StdDev = 1.56
Counts
ADC

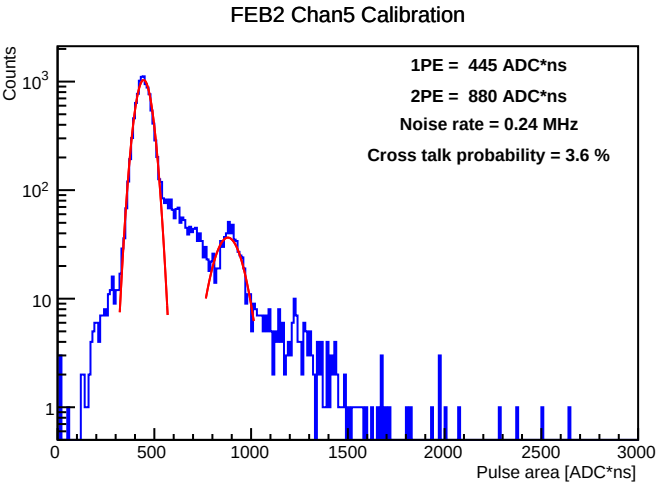

FEB2 Chan4 Calibration
1PE = 446 ADC*ns
2PE = 870 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 3.6 %
Counts
Pulse area [ADC*ns]

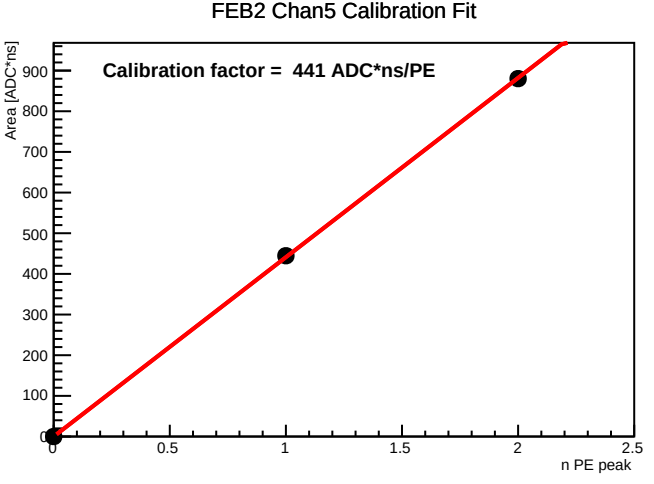

FEB2 Chan4 Calibration Fit
Calibration factor = 437 ADC*ns/PE
Area [ADC*ns]
n PE peak

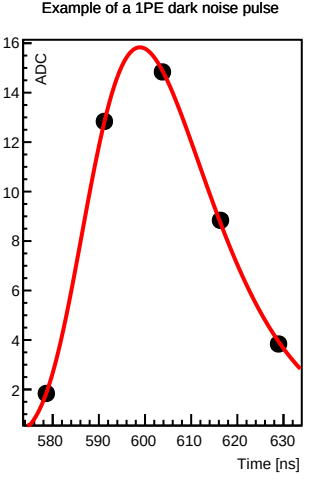

Example of a 1PE dark noise pulse
ADC
Time [ns]

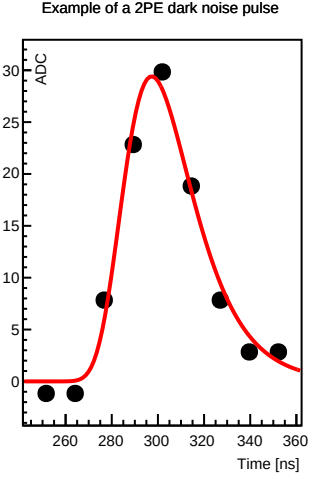

Example of a 2PE dark noise pulse
ADC
Time [ns]

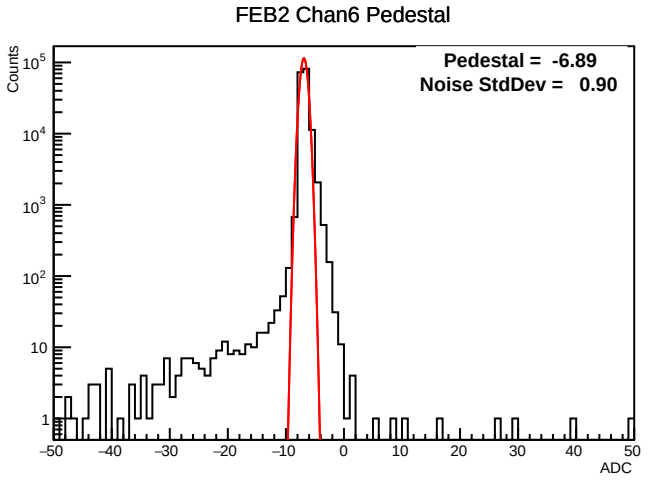

FEB2 Chan5 Pedestal
Pedestal = -13.84
Noise StdDev = 1.52
Counts
ADC

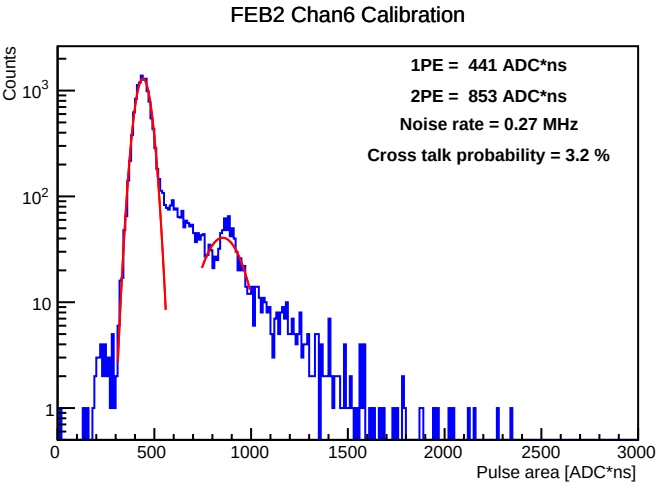

FEB2 Chan5 Calibration
1PE = 445 ADC*ns
2PE = 880 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 3.6 %
Counts
Pulse area [ADC*ns]

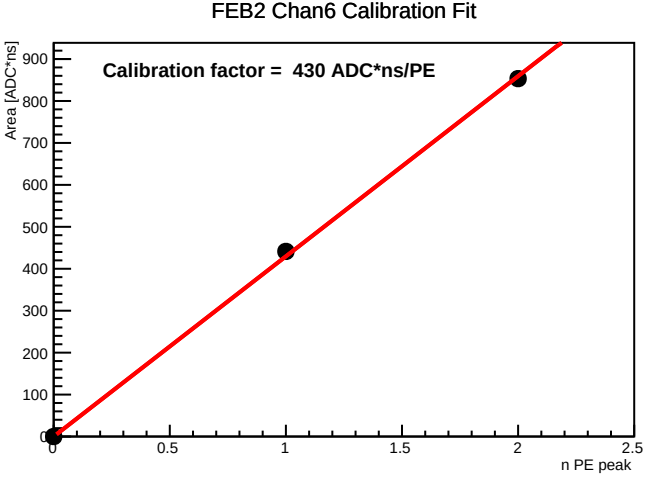

FEB2 Chan5 Calibration Fit
Calibration factor = 441 ADC*ns/PE
Area [ADC*ns]
n PE peak

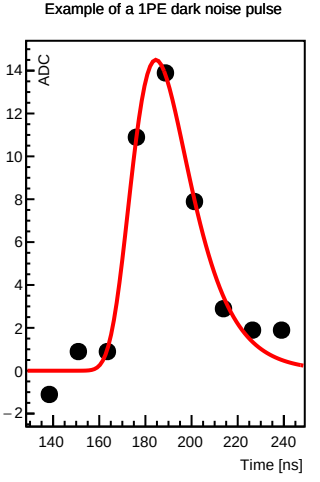

Example of a 1PE dark noise pulse
ADC
Time [ns]

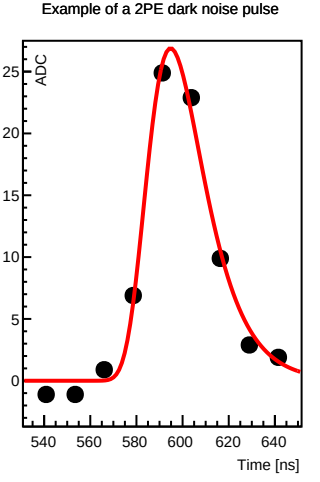

Example of a 2PE dark noise pulse
ADC
Time [ns]

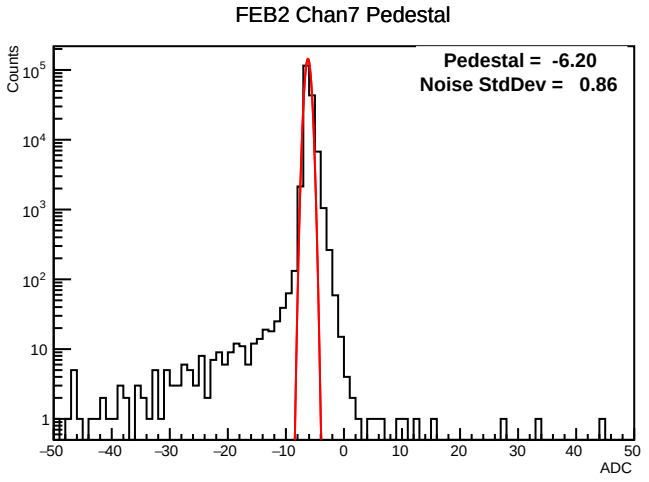

FEB2 Chan6 Pedestal
Pedestal = -6.89
Noise StdDev = 0.90
Counts
ADC

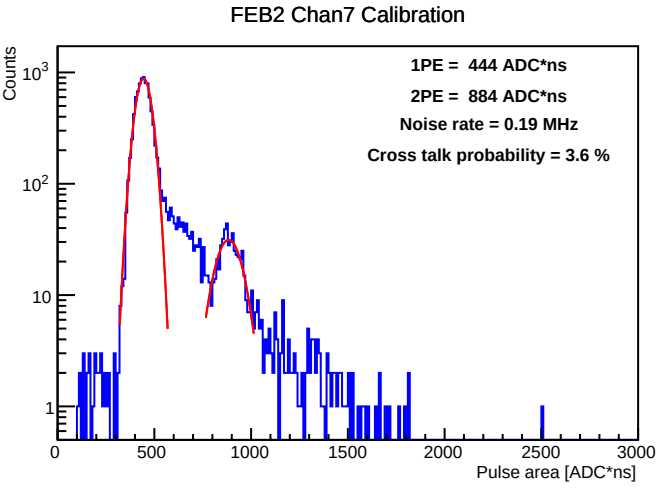

FEB2 Chan6 Calibration
1PE = 441 ADC*ns
2PE = 853 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 3.2 %
Counts
Pulse area [ADC*ns]

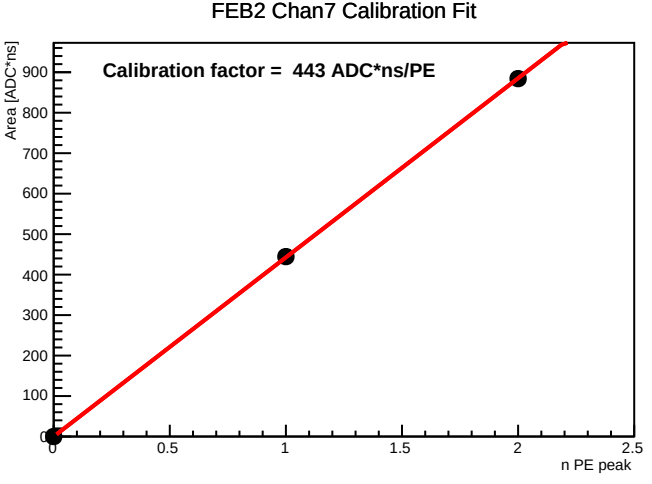

FEB2 Chan6 Calibration Fit
Calibration factor = 430 ADC*ns/PE
Area [ADC*ns]
n PE peak

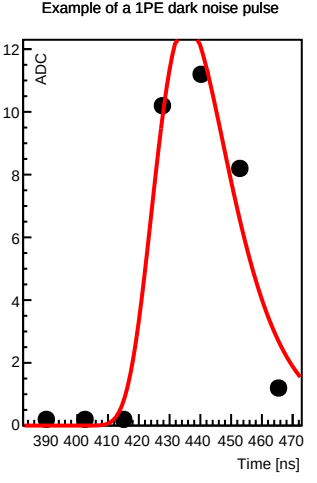

Example of a 1PE dark noise pulse
ADC
Time [ns]

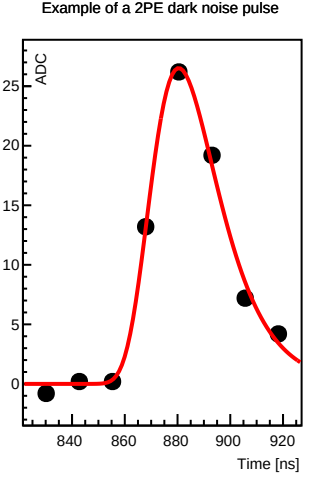

Example of a 2PE dark noise pulse
ADC
Time [ns]

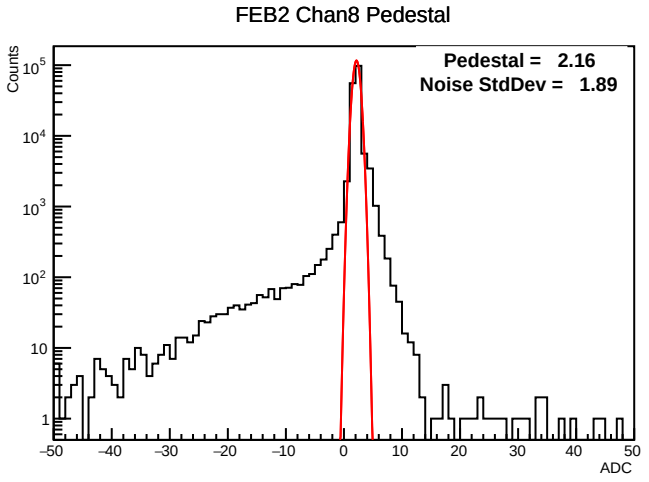

FEB2 Chan7 Pedestal
Pedestal = -6.20
Noise StdDev = 0.86
Counts
ADC

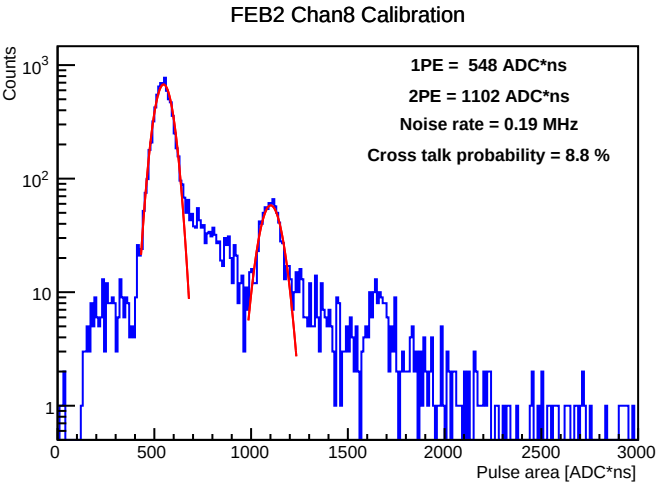

FEB2 Chan7 Calibration
1PE = 444 ADC*ns
2PE = 884 ADC*ns
Noise rate = 0.19 MHz
Cross talk probability = 3.6 %
Counts
Pulse area [ADC*ns]

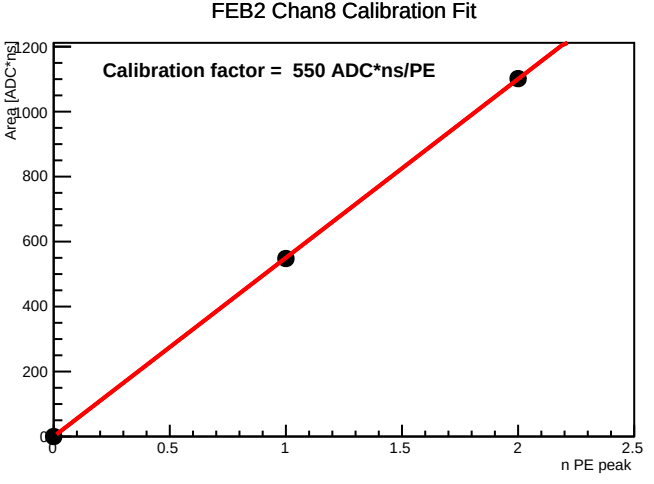

FEB2 Chan7 Calibration Fit
Calibration factor = 443 ADC*ns/PE
Area [ADC*ns]
n PE peak

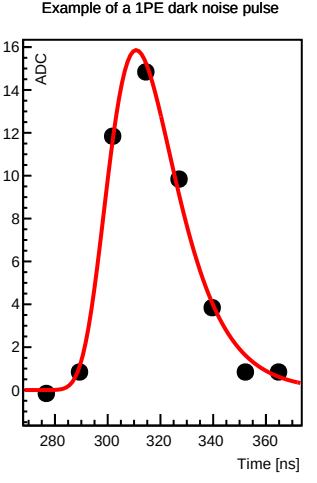

Example of a 1PE dark noise pulse
ADC
Time [ns]

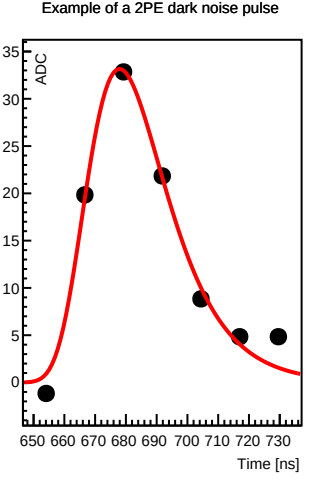

Example of a 2PE dark noise pulse
ADC
Time [ns]

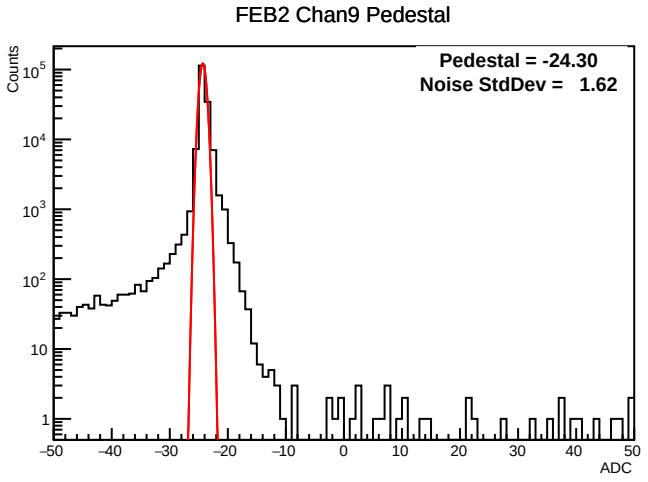

FEB2 Chan8 Pedestal
Pedestal = 2.16
Noise StdDev = 1.89
Counts
ADC

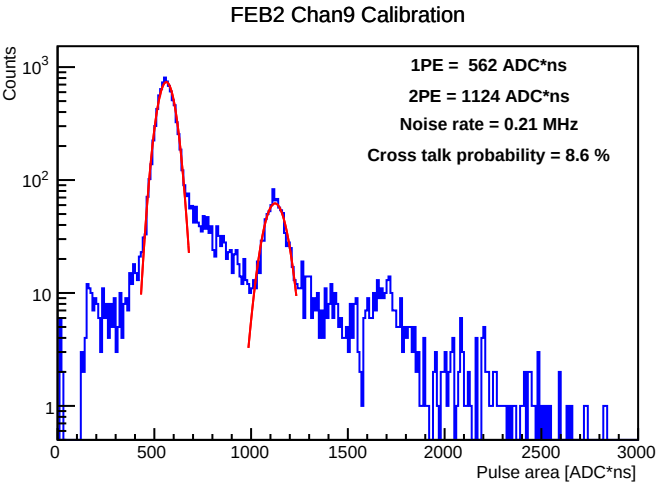

FEB2 Chan8 Calibration
1PE = 548 ADC*ns
2PE = 1102 ADC*ns
Noise rate = 0.19 MHz
Cross talk probability = 8.8 %
Counts
Pulse area [ADC*ns]

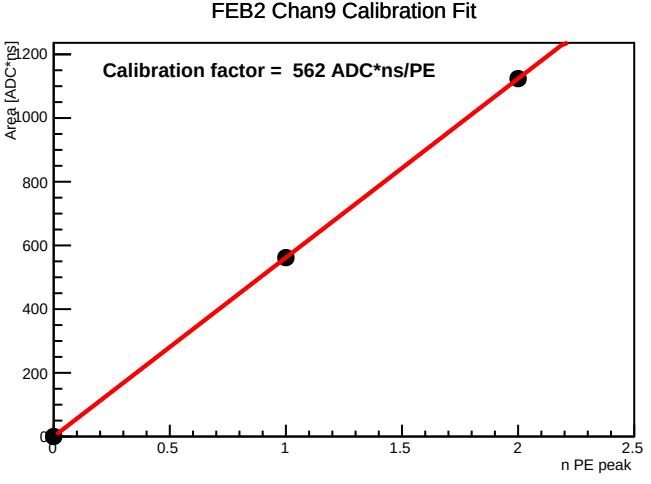

FEB2 Chan8 Calibration Fit
Calibration factor = 550 ADC*ns/PE
Area [ADC*ns]
n PE peak

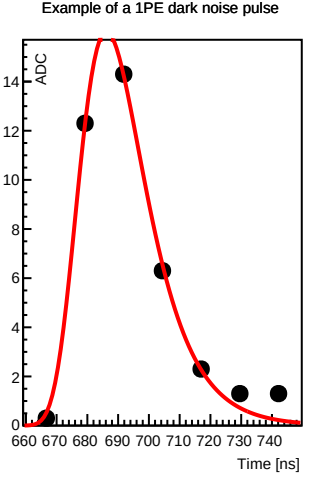

Example of a 1PE dark noise pulse
ADC
Time [ns]

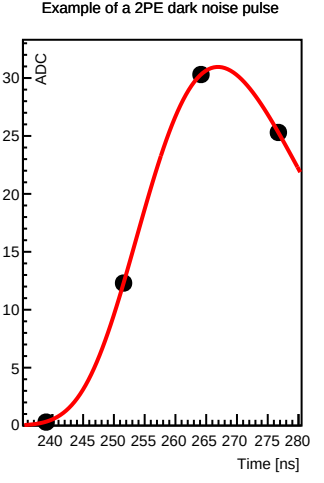

Example of a 2PE dark noise pulse
ADC
Time [ns]

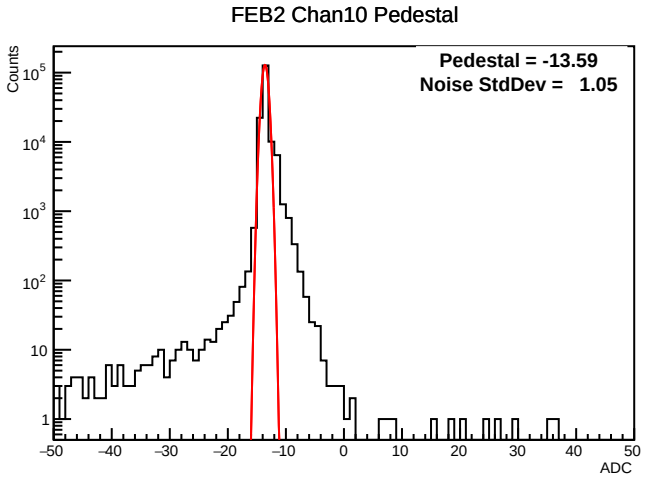

FEB2 Chan9 Pedestal
Pedestal = -24.30
Noise StdDev = 1.62
Counts
ADC

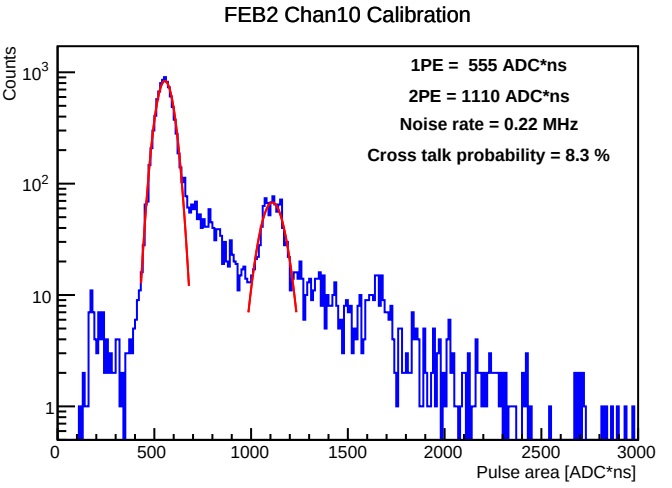

FEB2 Chan9 Calibration
1PE = 562 ADC*ns
2PE = 1124 ADC*ns
Noise rate = 0.21 MHz
Cross talk probability = 8.6 %
Counts
Pulse area [ADC*ns]

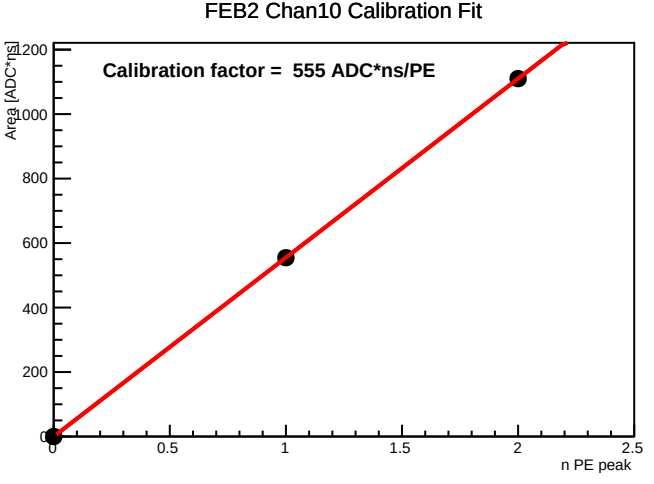

FEB2 Chan9 Calibration Fit
Calibration factor = 562 ADC*ns/PE
Area [ADC*ns]
n PE peak

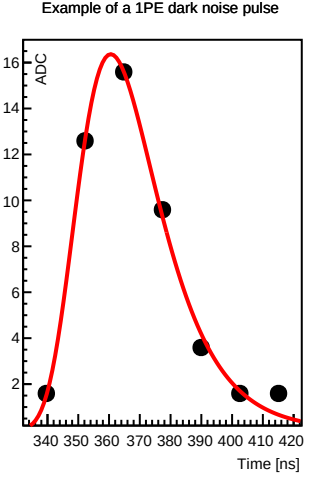

Example of a 1PE dark noise pulse
ADC
Time [ns]

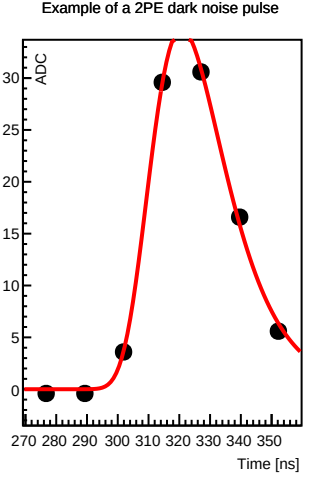

Example of a 2PE dark noise pulse
ADC
Time [ns]

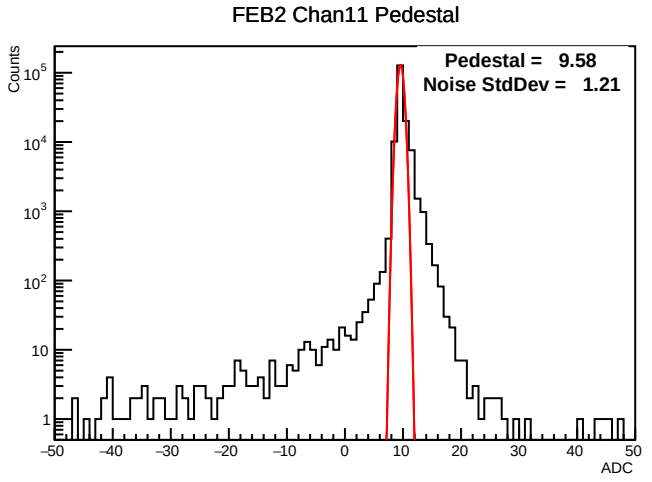

FEB2 Chan10 Pedestal
Pedestal = -13.59
Noise StdDev = 1.05
Counts
ADC

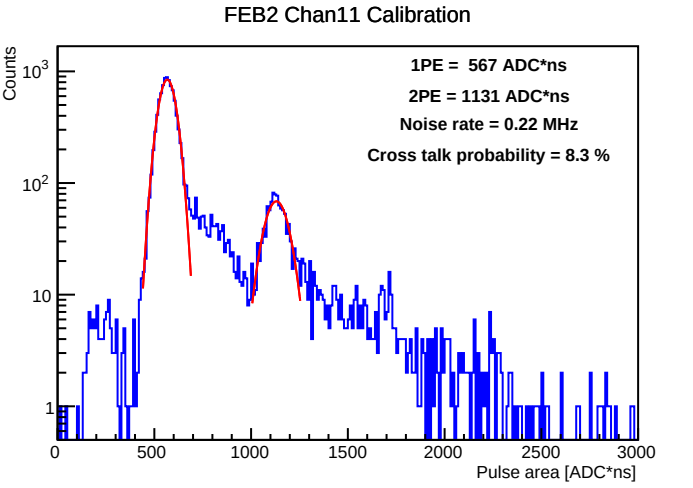

FEB2 Chan10 Calibration
1PE = 555 ADC*ns
2PE = 1110 ADC*ns
Noise rate = 0.22 MHz
Cross talk probability = 8.3 %
Counts
Pulse area [ADC*ns]

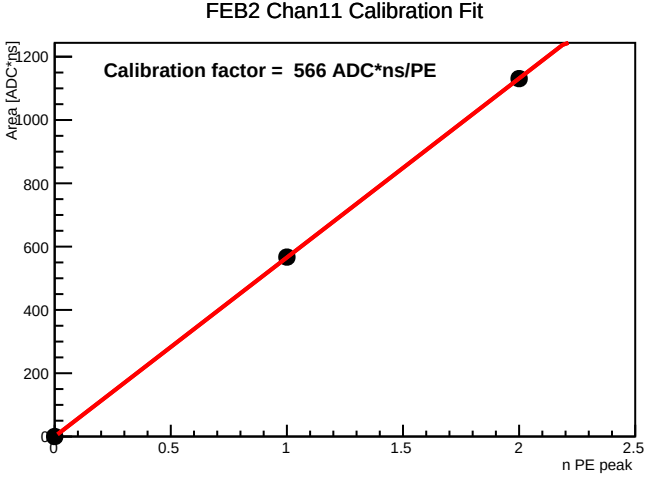

FEB2 Chan10 Calibration Fit
Calibration factor = 555 ADC*ns/PE
Area [ADC*ns]
n PE peak

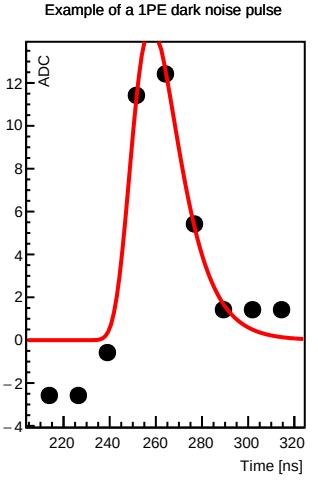

Example of a 1PE dark noise pulse
ADC
Time [ns]

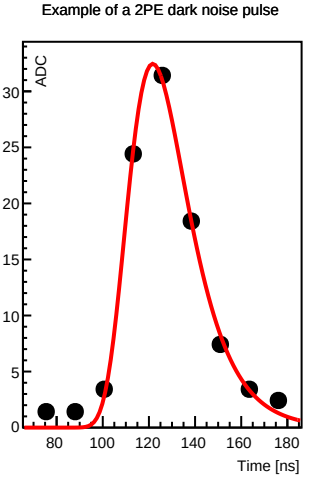

Example of a 2PE dark noise pulse
ADC
Time [ns]

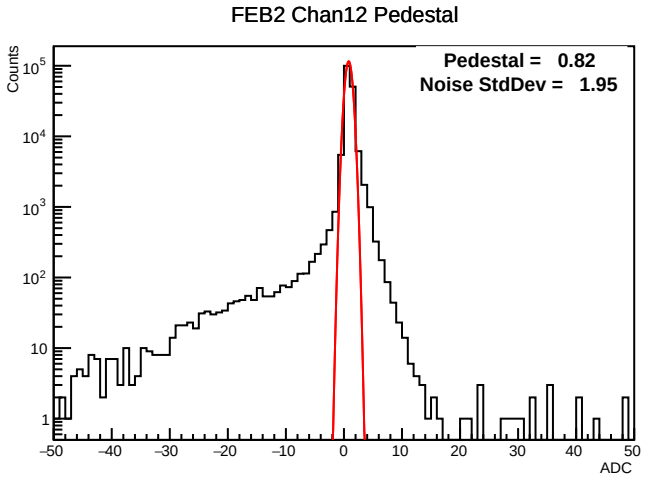

FEB2 Chan11 Pedestal
Pedestal = 9.58
Noise StdDev = 1.21
Counts
ADC

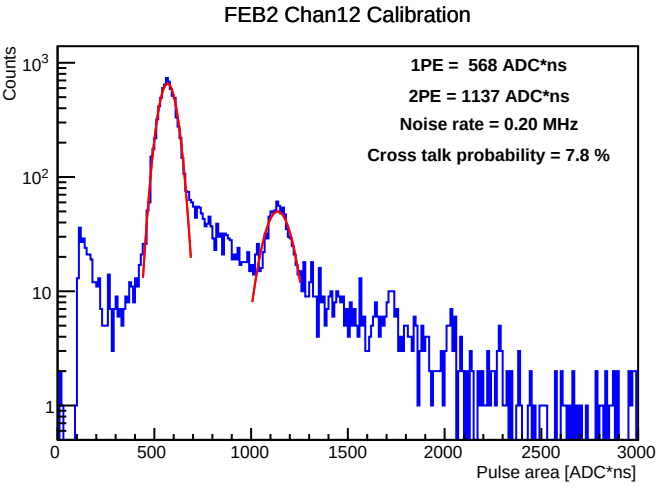

FEB2 Chan11 Calibration
1PE = 567 ADC*ns
2PE = 1131 ADC*ns
Noise rate = 0.22 MHz
Cross talk probability = 8.3 %
Counts
Pulse area [ADC*ns]

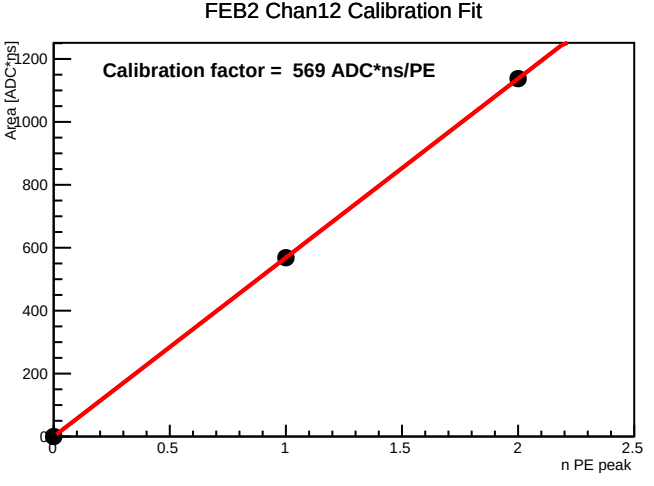

FEB2 Chan11 Calibration Fit
Calibration factor = 566 ADC*ns/PE
Area [ADC*ns]
n PE peak

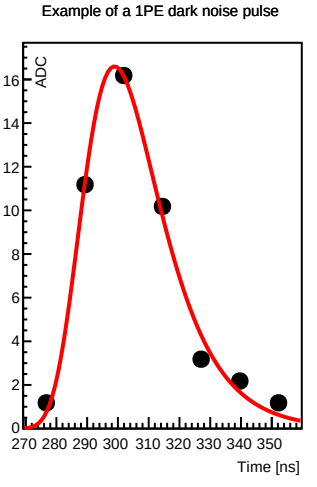

Example of a 1PE dark noise pulse
ADC
Time [ns]

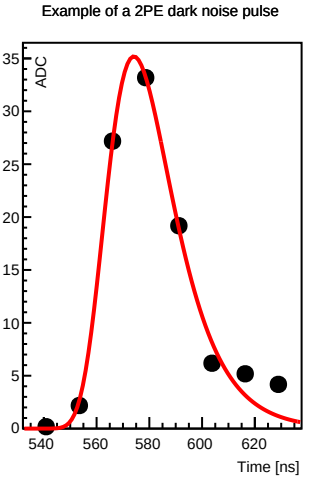

Example of a 2PE dark noise pulse
ADC
Time [ns]

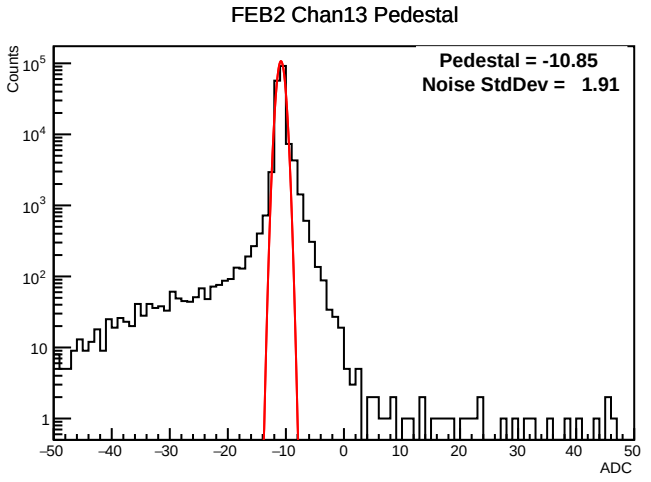

FEB2 Chan12 Pedestal
Pedestal = 0.82
Noise StdDev = 1.95
Counts
ADC

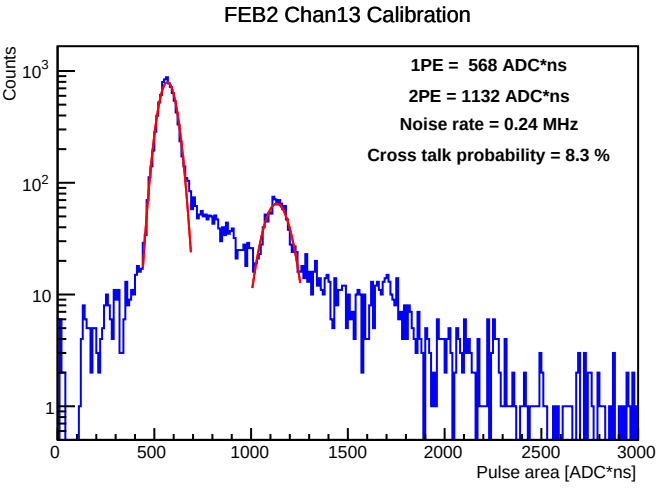

FEB2 Chan12 Calibration
1PE = 568 ADC*ns
2PE = 1137 ADC*ns
Noise rate = 0.20 MHz
Cross talk probability = 7.8 %
Counts
Pulse area [ADC*ns]

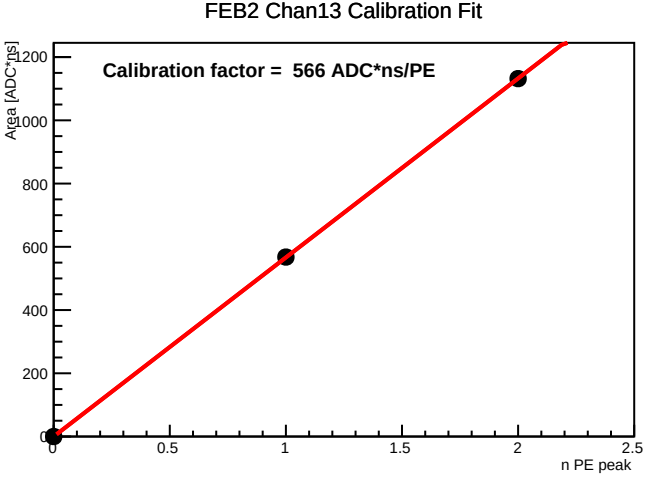

FEB2 Chan12 Calibration Fit
Calibration factor = 569 ADC*ns/PE
Area [ADC*ns]
n PE peak

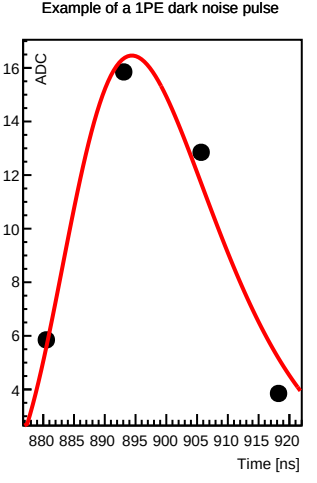

Example of a 1PE dark noise pulse
ADC
Time [ns]

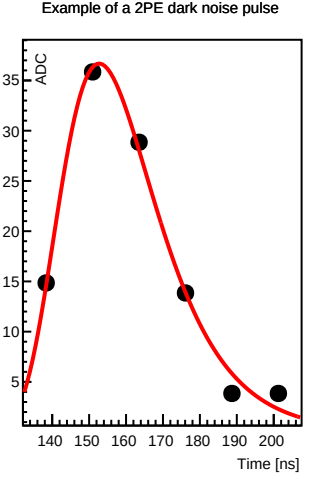

Example of a 2PE dark noise pulse
ADC
Time [ns]

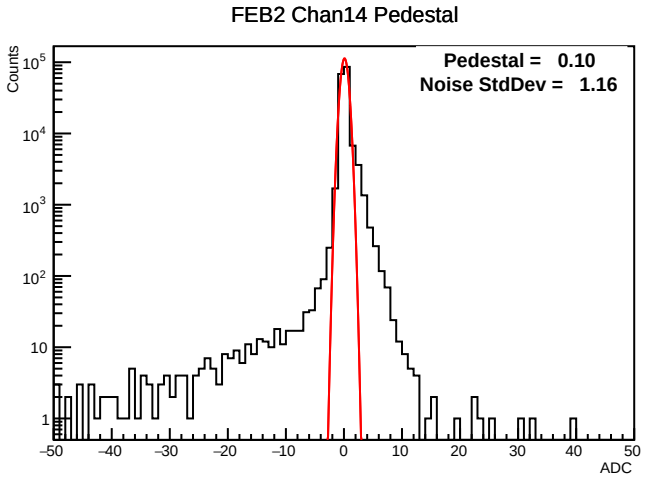

FEB2 Chan13 Pedestal
Pedestal = -10.85
Noise StdDev = 1.91
Counts
ADC

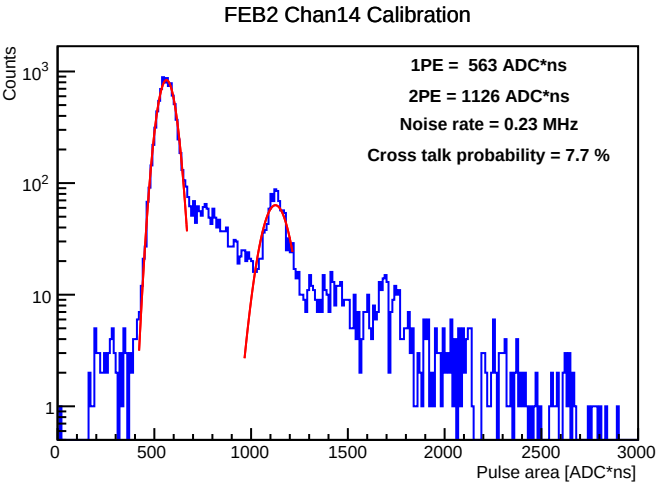

FEB2 Chan13 Calibration
1PE = 568 ADC*ns
2PE = 1132 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 8.3 %
Counts
Pulse area [ADC*ns]

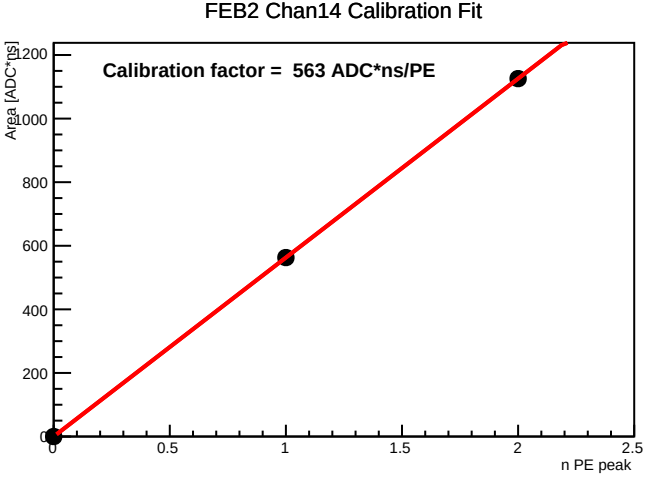

FEB2 Chan13 Calibration Fit
Calibration factor = 566 ADC*ns/PE
Area [ADC*ns]
n PE peak

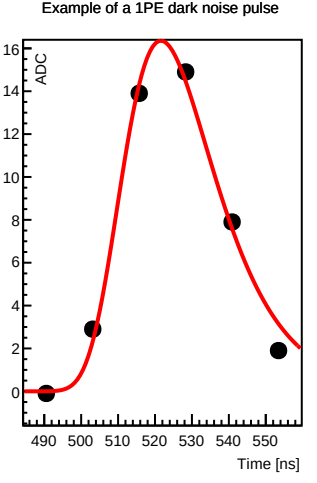

Example of a 1PE dark noise pulse
ADC
Time [ns]

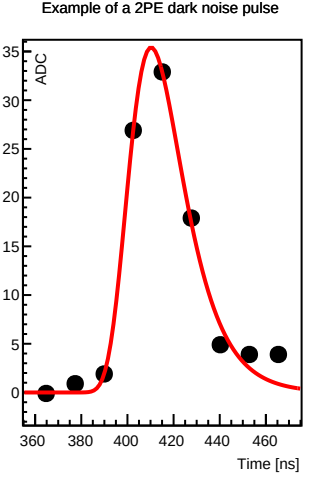

Example of a 2PE dark noise pulse
ADC
Time [ns]

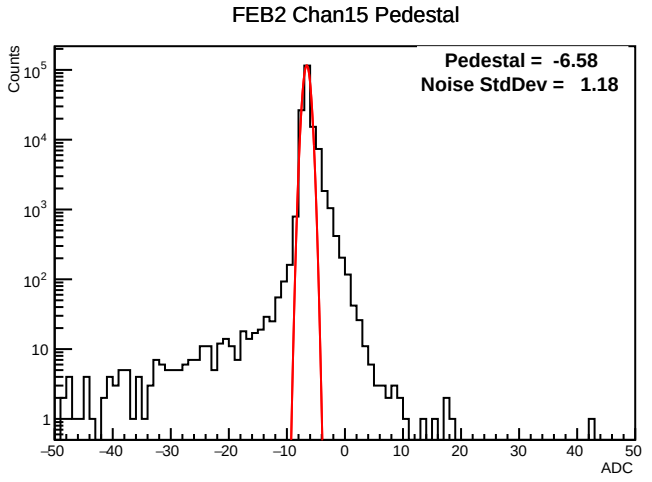

FEB2 Chan14 Pedestal
Pedestal = 0.10
Noise StdDev = 1.16
Counts
ADC

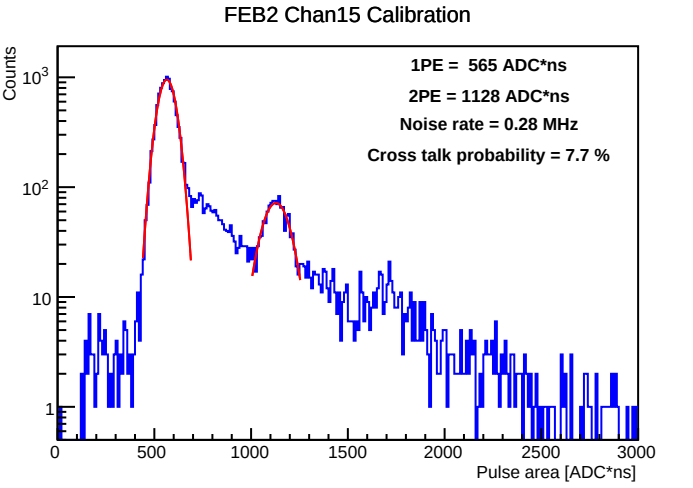

FEB2 Chan14 Calibration
1PE = 563 ADC*ns
2PE = 1126 ADC*ns
Noise rate = 0.23 MHz
Cross talk probability = 7.7 %
Counts
Pulse area [ADC*ns]

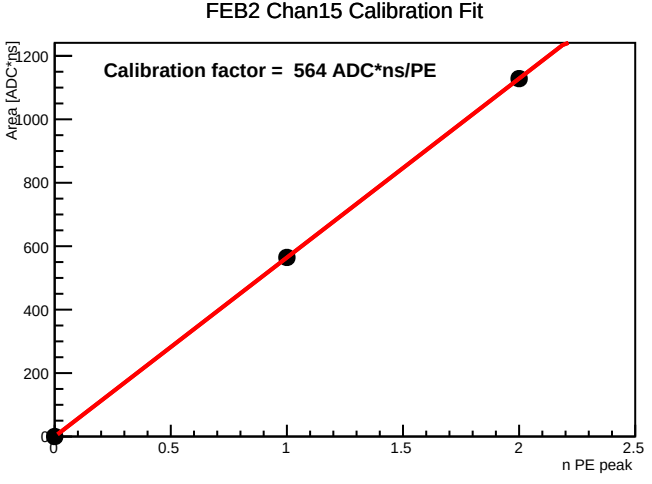

FEB2 Chan14 Calibration Fit
Calibration factor = 563 ADC*ns/PE
Area [ADC*ns]
n PE peak

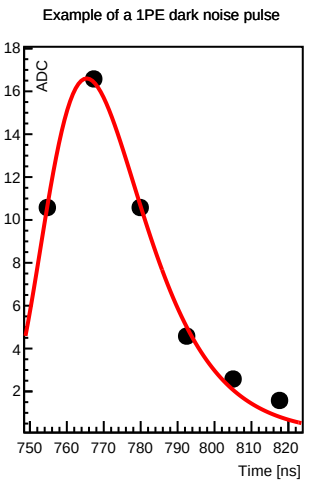

Example of a 1PE dark noise pulse
ADC
Time [ns]

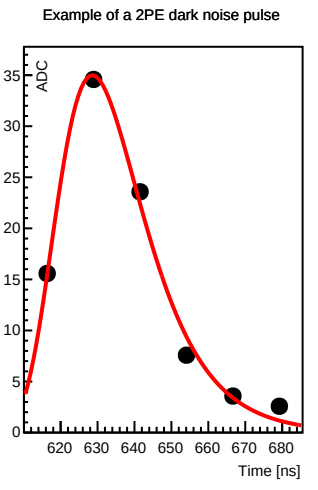

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB2 Chan15 Pedestal
Pedestal = -6.58
Noise StdDev = 1.18
Counts
ADC


FEB2 Chan15 Calibration
1PE = 565 ADC*ns
2PE = 1128 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 7.7 %
Counts
Pulse area [ADC*ns]


FEB2 Chan15 Calibration Fit
Calibration factor = 564 ADC*ns/PE
Area [ADC*ns]
n PE peak


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


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