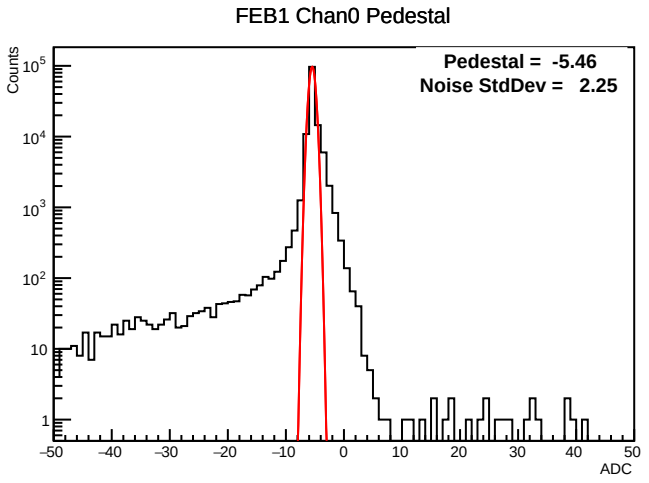
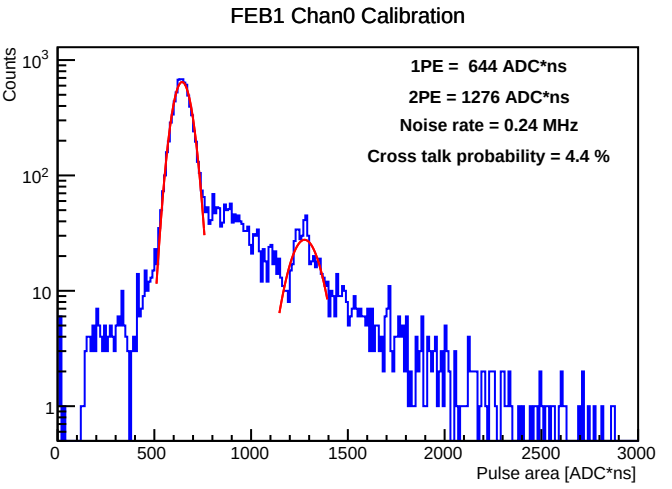
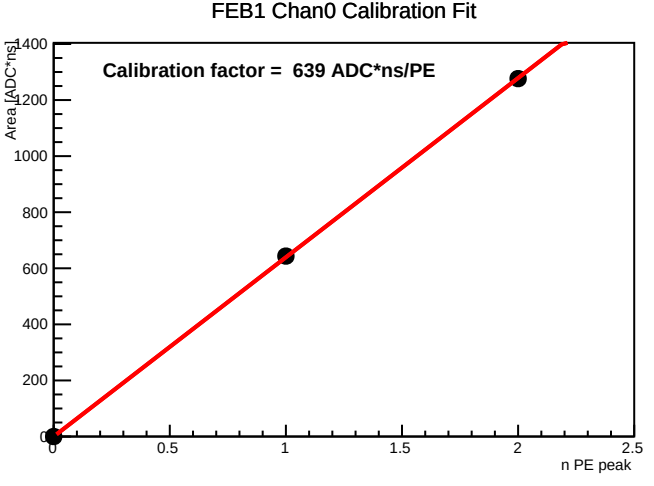
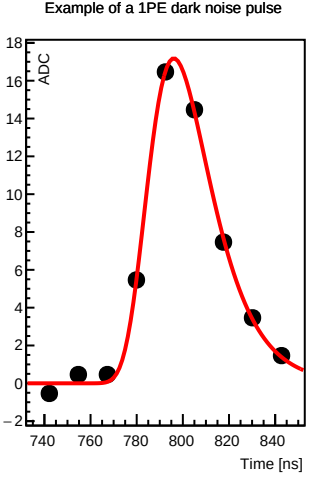
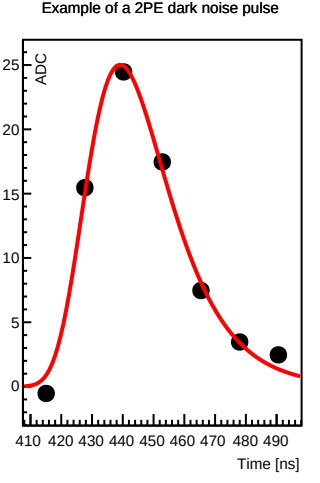
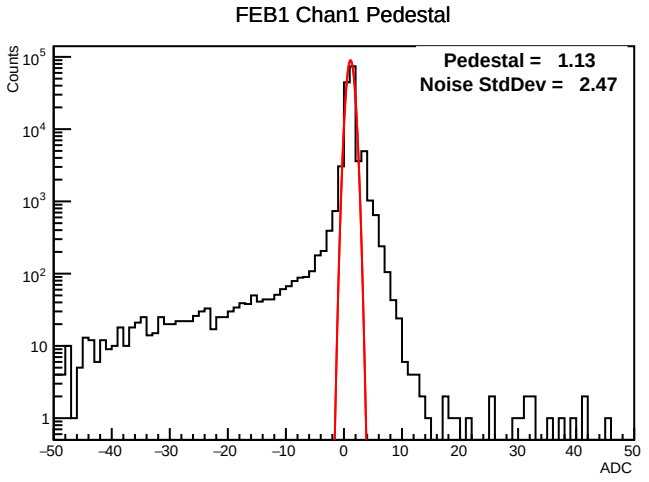

FEB1 Chan0 Pedestal
Pedestal = -5.46
Noise StdDev = 2.25
Counts
ADC

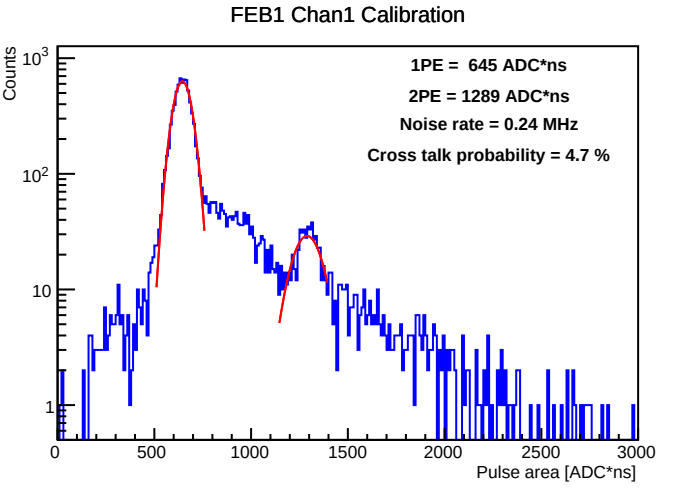

FEB1 Chan0 Calibration
1PE = 644 ADC*ns
2PE = 1276 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 4.4 %
Counts
Pulse area [ADC*ns]

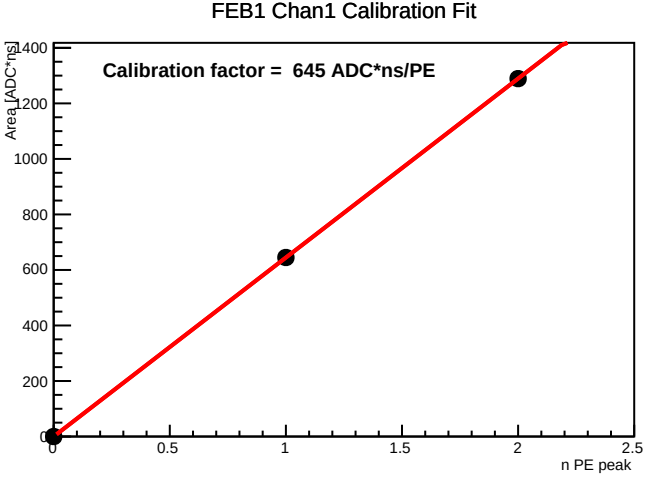

FEB1 Chan0 Calibration Fit
Calibration factor = 639 ADC*ns/PE
Area [ADC*ns]
n PE peak

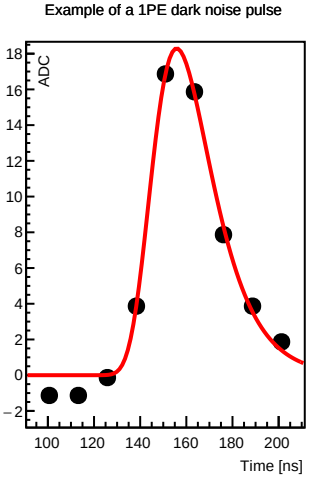

Example of a 1PE dark noise pulse
ADC
Time [ns]

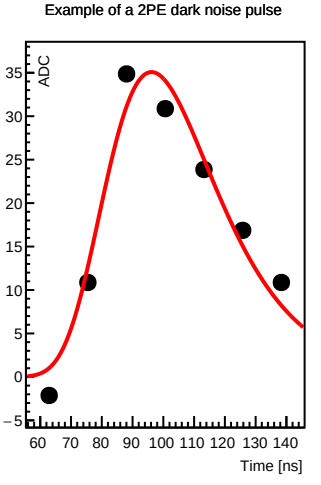

Example of a 2PE dark noise pulse
ADC
Time [ns]

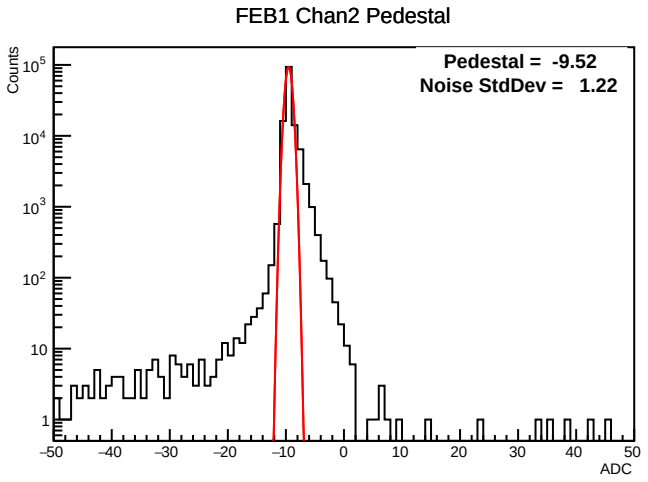

FEB1 Chan1 Pedestal
Pedestal = 1.13
Noise StdDev = 2.47
Counts
ADC

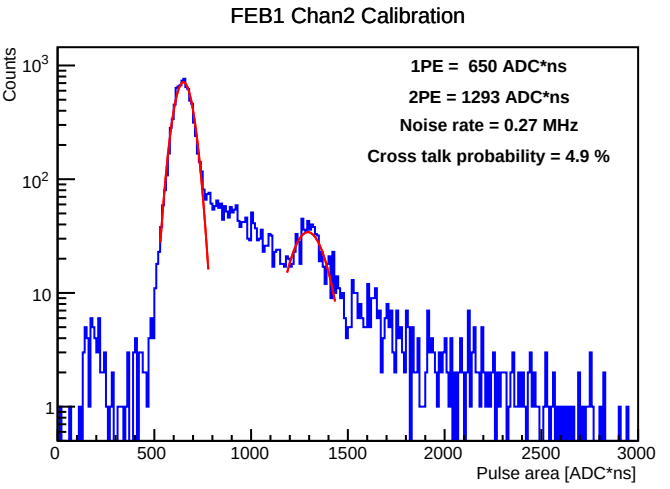

FEB1 Chan1 Calibration
1PE = 645 ADC*ns
2PE = 1289 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 4.7 %
Counts
Pulse area [ADC*ns]

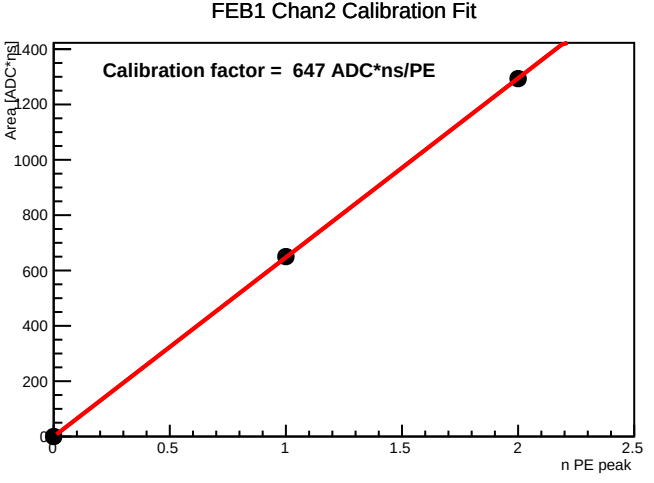

FEB1 Chan1 Calibration Fit
Calibration factor = 645 ADC*ns/PE
Area [ADC*ns]
n PE peak

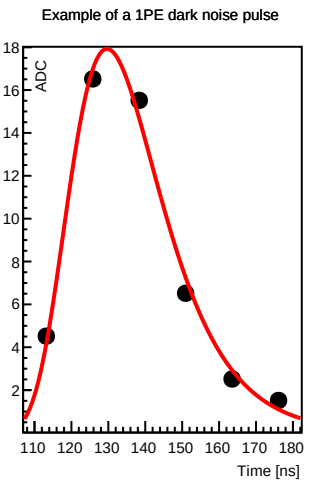

Example of a 1PE dark noise pulse
ADC
Time [ns]

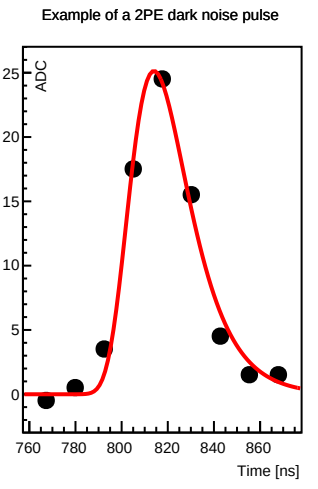

Example of a 2PE dark noise pulse
ADC
Time [ns]

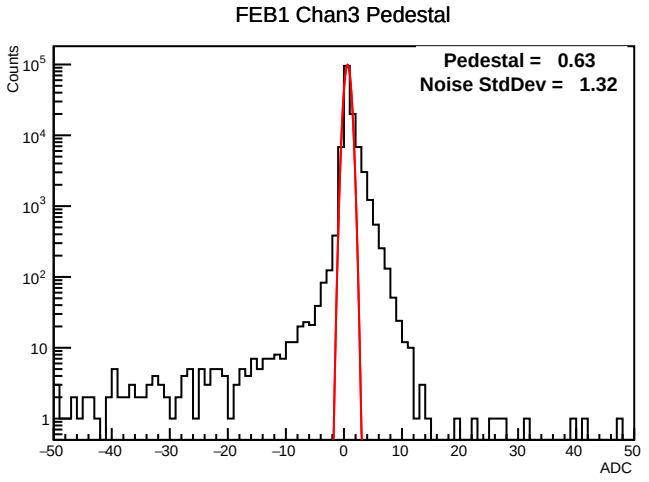

FEB1 Chan2 Pedestal
Pedestal = -9.52
Noise StdDev = 1.22
Counts
ADC

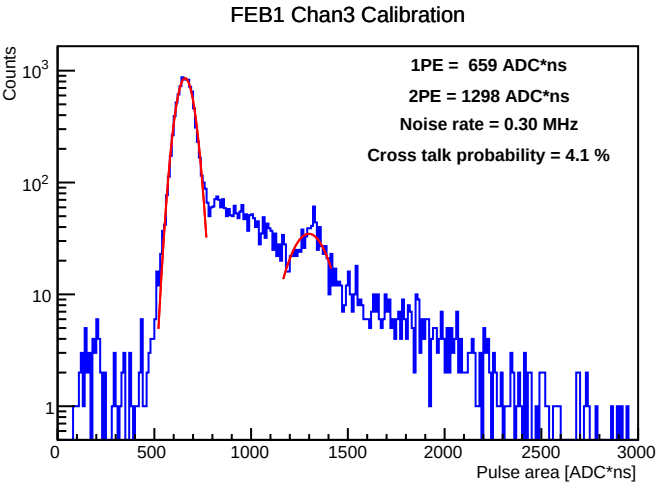

FEB1 Chan2 Calibration
1PE = 650 ADC*ns
2PE = 1293 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 4.9 %
Counts
Pulse area [ADC*ns]

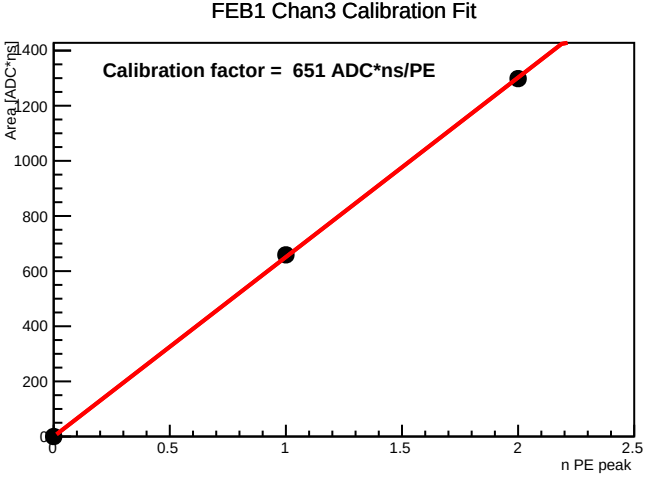

FEB1 Chan2 Calibration Fit
Calibration factor = 647 ADC*ns/PE
Area [ADC*ns]
n PE peak

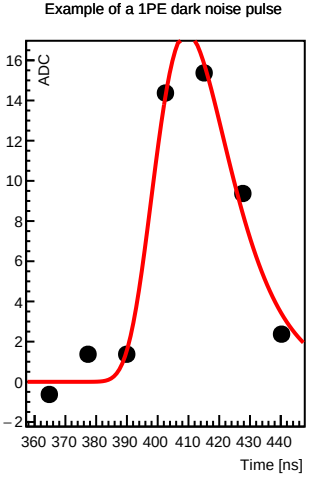

Example of a 1PE dark noise pulse
ADC
Time [ns]

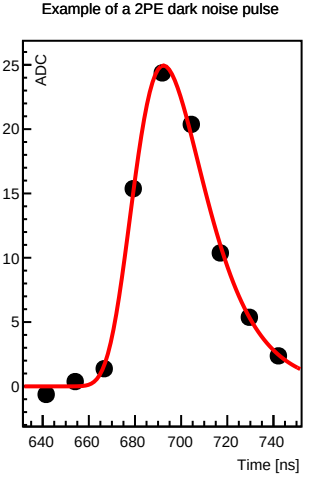

Example of a 2PE dark noise pulse
ADC
Time [ns]

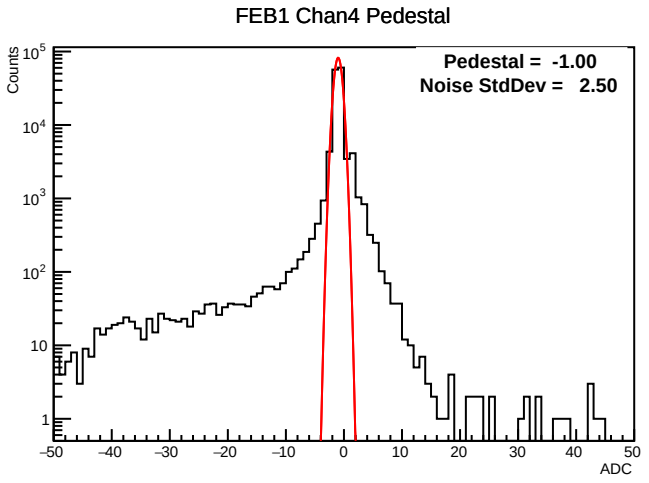

FEB1 Chan3 Pedestal
Pedestal = 0.63
Noise StdDev = 1.32
Counts
ADC

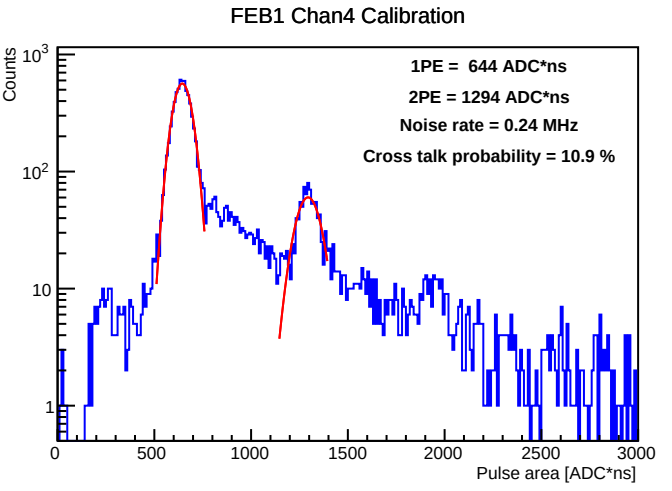

FEB1 Chan3 Calibration
1PE = 659 ADC*ns
2PE = 1298 ADC*ns
Noise rate = 0.30 MHz
Cross talk probability = 4.1 %
Counts
Pulse area [ADC*ns]

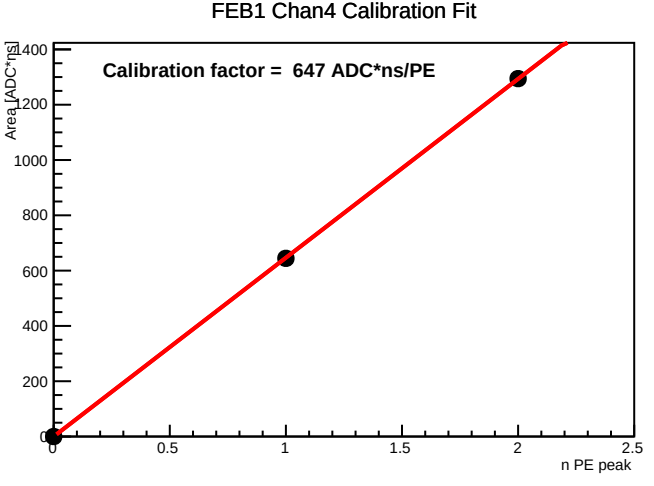

FEB1 Chan3 Calibration Fit
Calibration factor = 651 ADC*ns/PE
Area [ADC*ns]
n PE peak

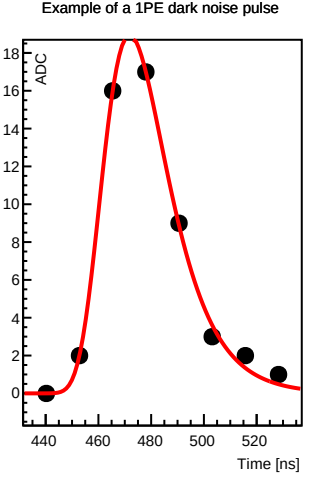

Example of a 1PE dark noise pulse
ADC
Time [ns]

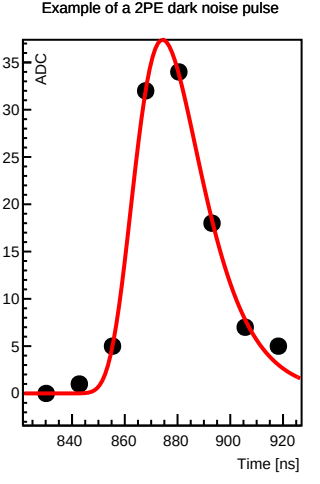

Example of a 2PE dark noise pulse
ADC
Time [ns]

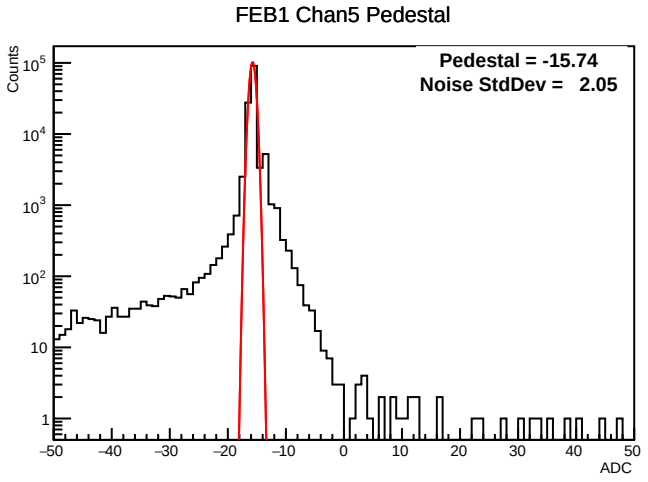

FEB1 Chan4 Pedestal
Pedestal = -1.00
Noise StdDev = 2.50
Counts
ADC

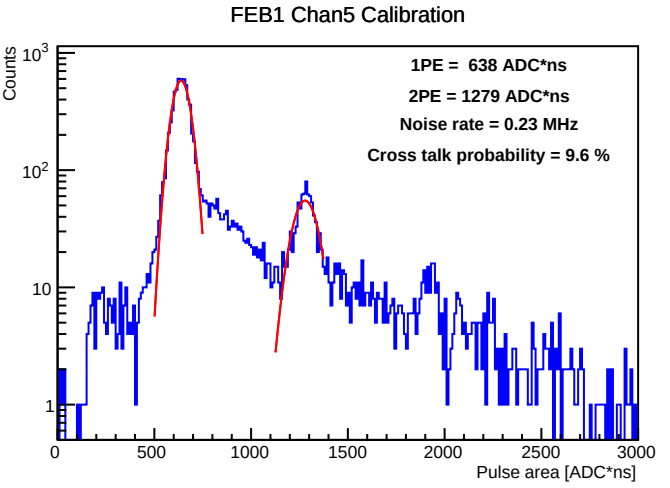

FEB1 Chan4 Calibration
1PE = 644 ADC*ns
2PE = 1294 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 10.9 %
Counts
Pulse area [ADC*ns]

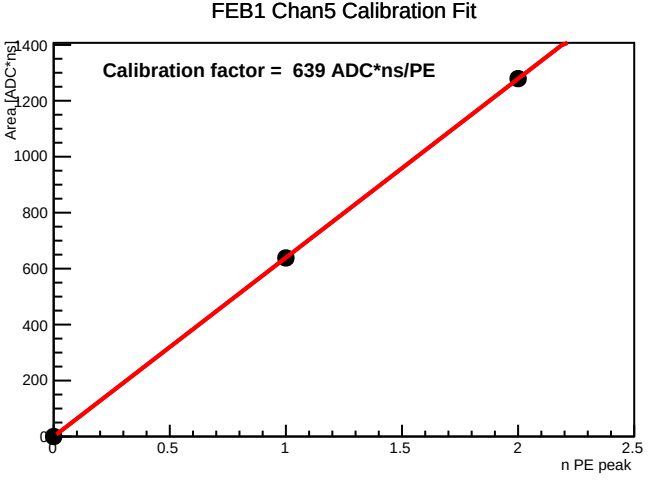

FEB1 Chan4 Calibration Fit
Calibration factor = 647 ADC*ns/PE
Area [ADC*ns]
n PE peak

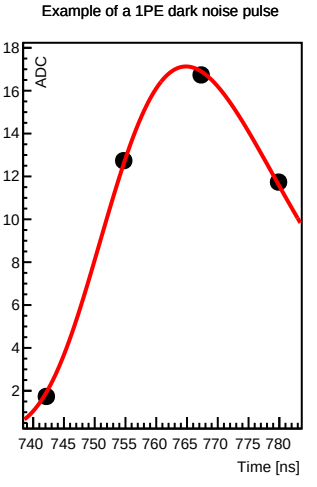

Example of a 1PE dark noise pulse
ADC
Time [ns]

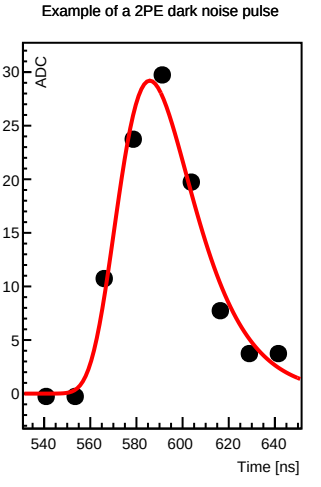

Example of a 2PE dark noise pulse
ADC
Time [ns]

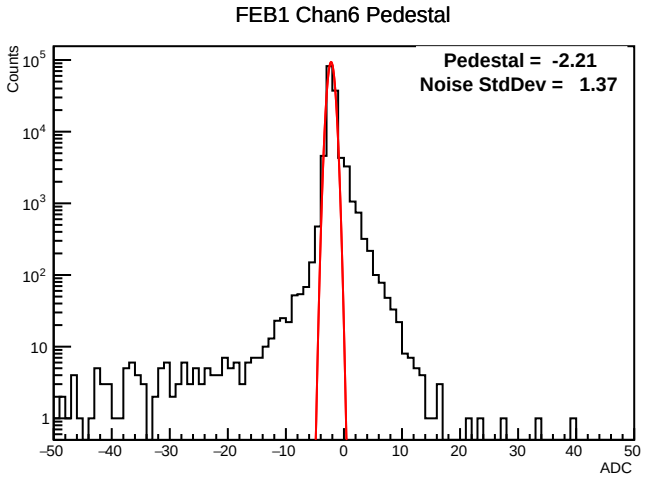

FEB1 Chan5 Pedestal
Pedestal = -15.74
Noise StdDev = 2.05
Counts
ADC

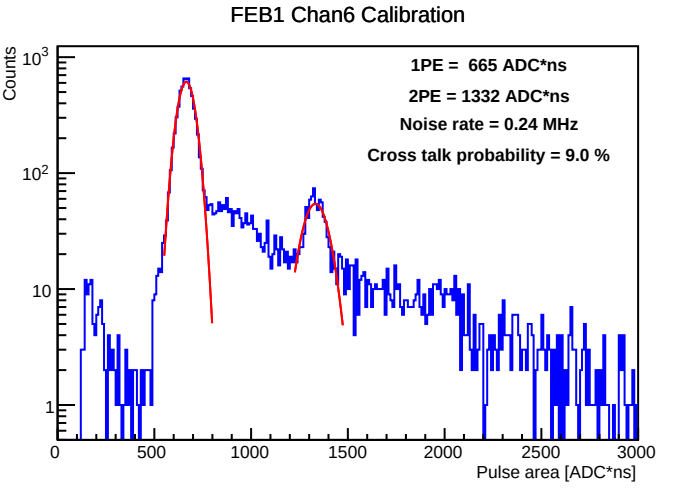

FEB1 Chan5 Calibration
1PE = 638 ADC*ns
2PE = 1279 ADC*ns
Noise rate = 0.23 MHz
Cross talk probability = 9.6 %
Counts
Pulse area [ADC*ns]

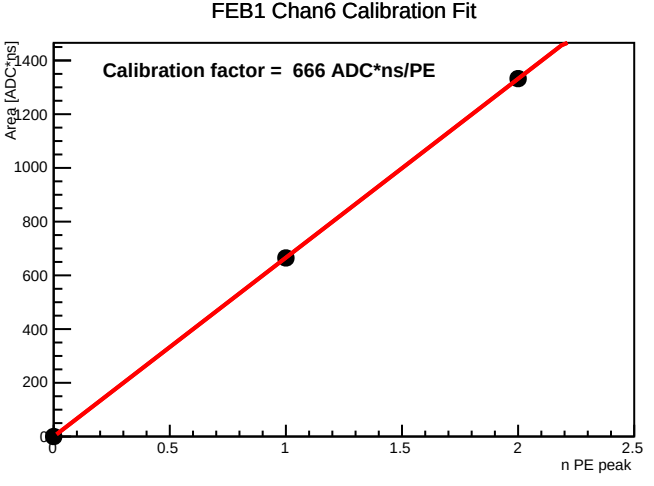

FEB1 Chan5 Calibration Fit
Calibration factor = 639 ADC*ns/PE
Area [ADC*ns]
n PE peak

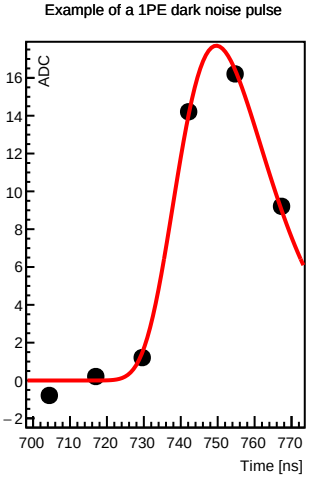

Example of a 1PE dark noise pulse
ADC
Time [ns]

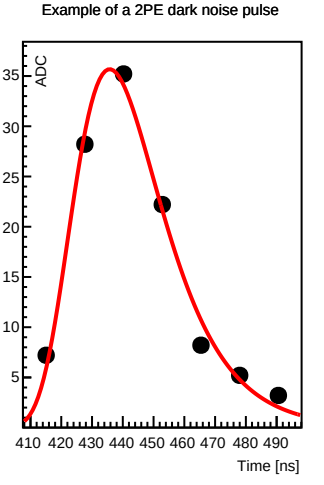

Example of a 2PE dark noise pulse
ADC
Time [ns]

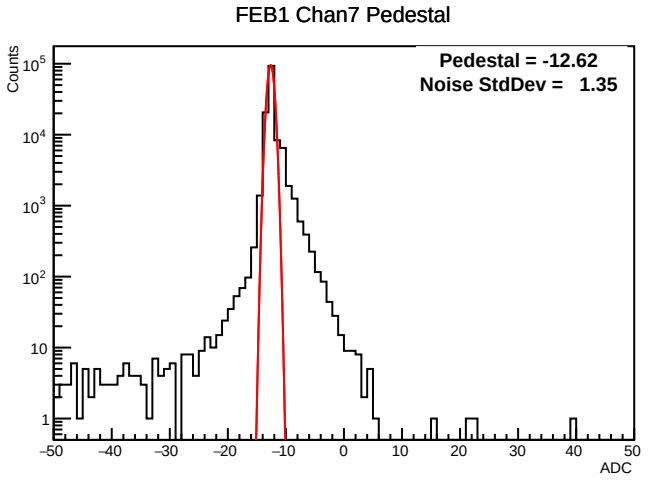

FEB1 Chan6 Pedestal
Pedestal = -2.21
Noise StdDev = 1.37
Counts
ADC

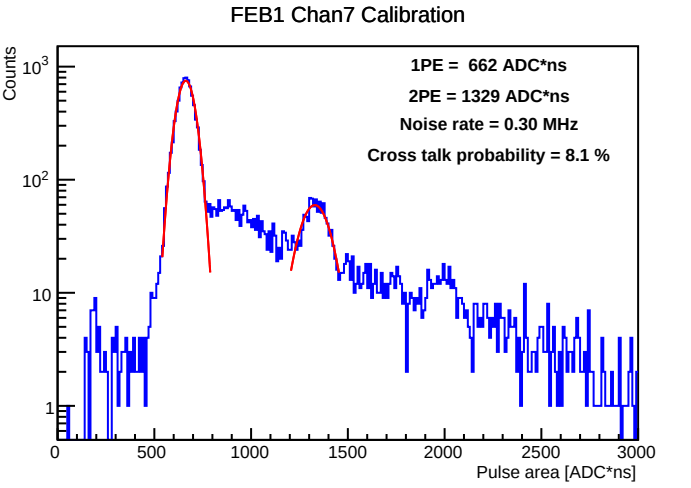

FEB1 Chan6 Calibration
1PE = 665 ADC*ns
2PE = 1332 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 9.0 %
Counts
Pulse area [ADC*ns]

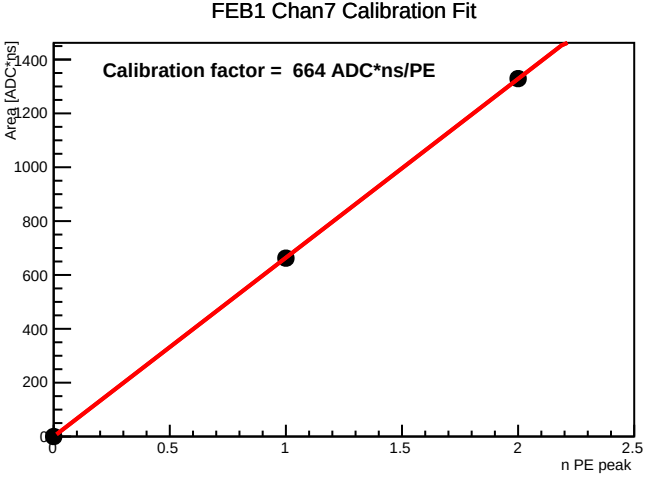

FEB1 Chan6 Calibration Fit
Calibration factor = 666 ADC*ns/PE
Area [ADC*ns]
n PE peak

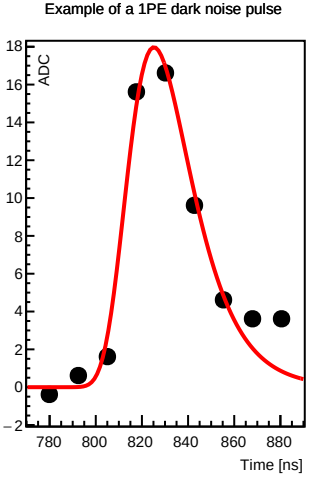

Example of a 1PE dark noise pulse
ADC
Time [ns]

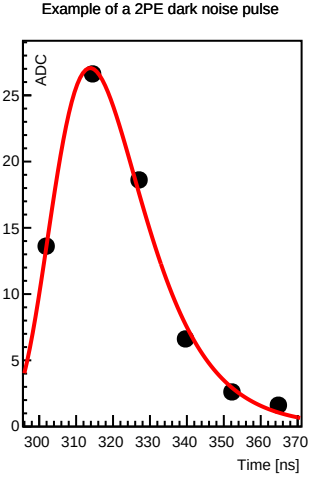

Example of a 2PE dark noise pulse
ADC
Time [ns]

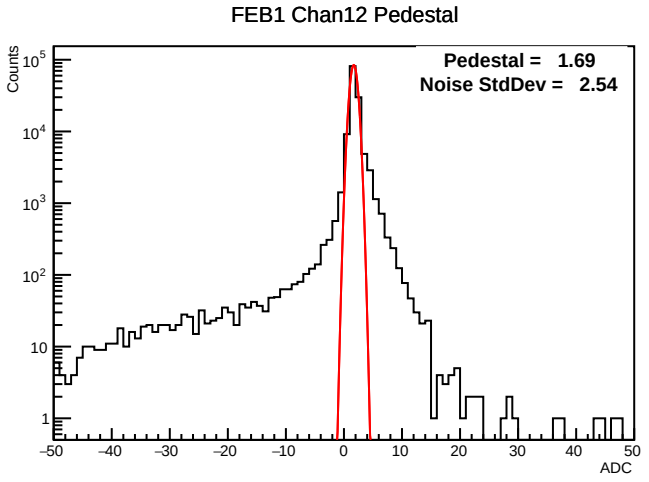

FEB1 Chan7 Pedestal
Pedestal = -12.62
Noise StdDev = 1.35
Counts
ADC

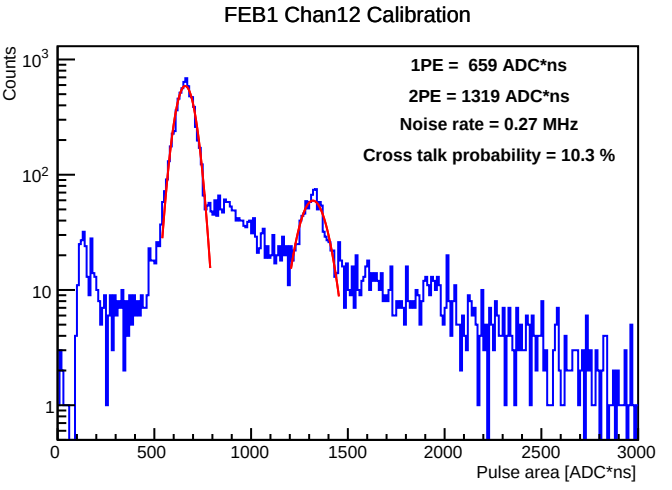

FEB1 Chan7 Calibration
1PE = 662 ADC*ns
2PE = 1329 ADC*ns
Noise rate = 0.30 MHz
Cross talk probability = 8.1 %
Counts
Pulse area [ADC*ns]

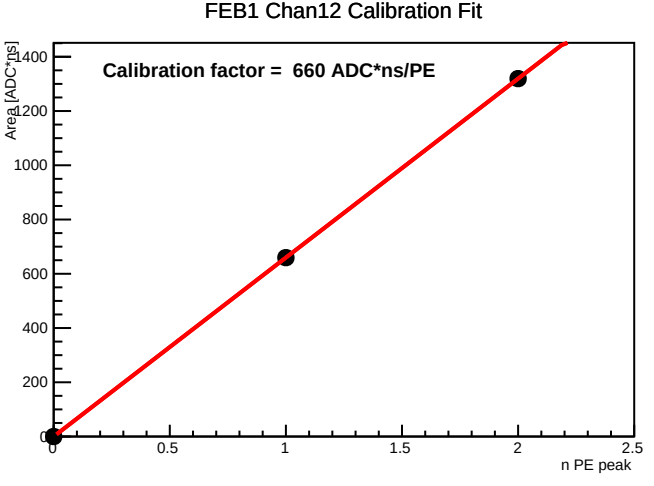

FEB1 Chan7 Calibration Fit
Calibration factor = 664 ADC*ns/PE
Area [ADC*ns]
n PE peak

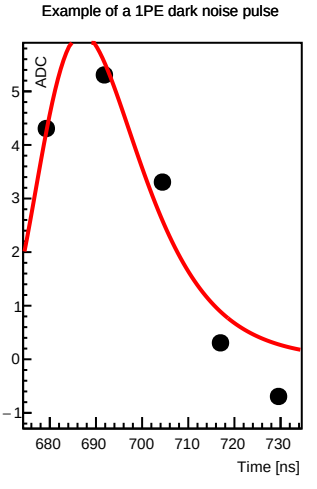

Example of a 1PE dark noise pulse
ADC
Time [ns]

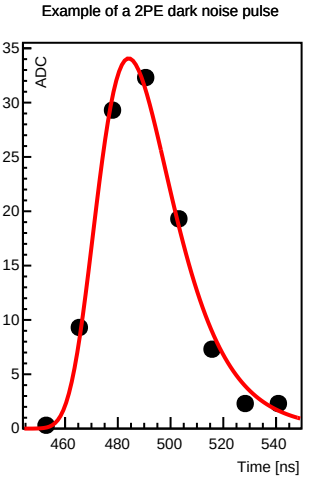

Example of a 2PE dark noise pulse
ADC
Time [ns]

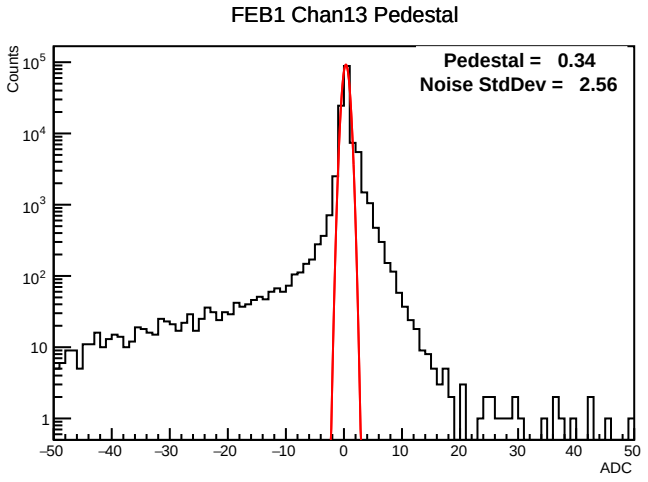

FEB1 Chan12 Pedestal
Pedestal = 1.69
Noise StdDev = 2.54
Counts
ADC

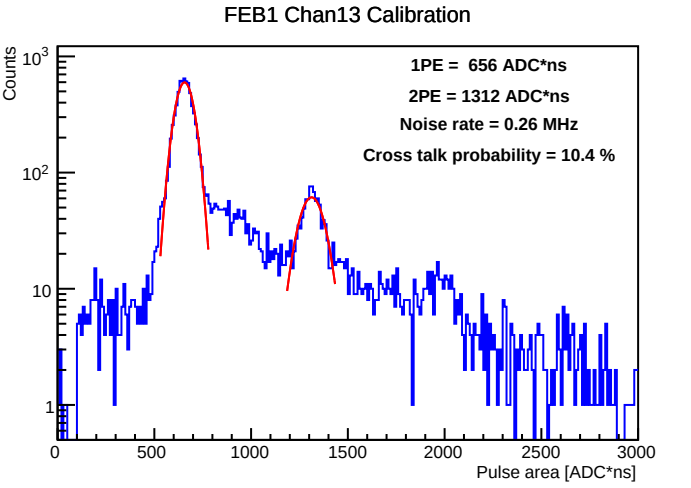

FEB1 Chan12 Calibration
1PE = 659 ADC*ns
2PE = 1319 ADC*ns
Noise rate = 0.27 MHz
Cross talk probability = 10.3 %
Counts
Pulse area [ADC*ns]

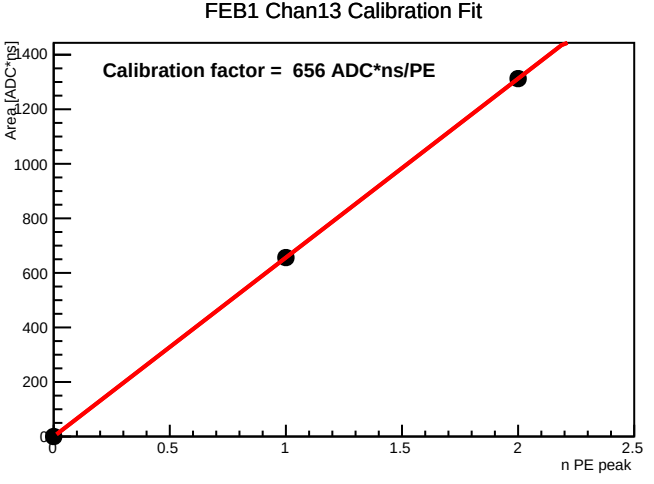

FEB1 Chan12 Calibration Fit
Calibration factor = 660 ADC*ns/PE
Area [ADC*ns]
n PE peak

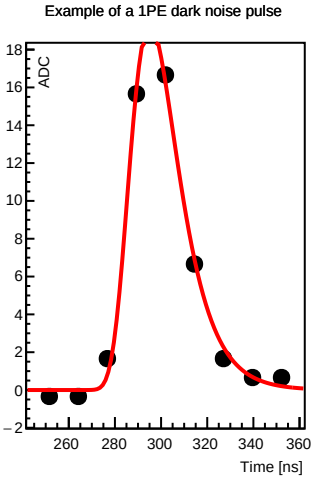

Example of a 1PE dark noise pulse
ADC
Time [ns]

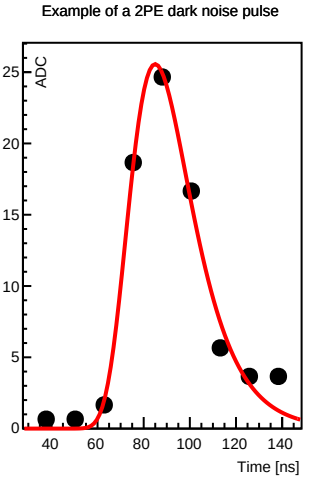

Example of a 2PE dark noise pulse
ADC
Time [ns]

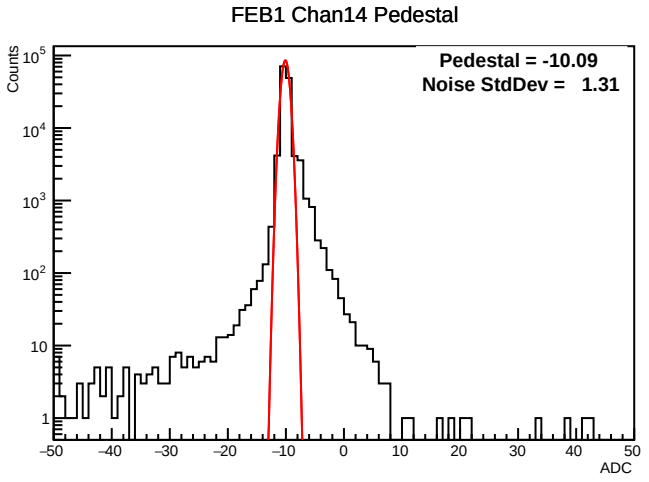

FEB1 Chan13 Pedestal
Pedestal = 0.34
Noise StdDev = 2.56
Counts
ADC

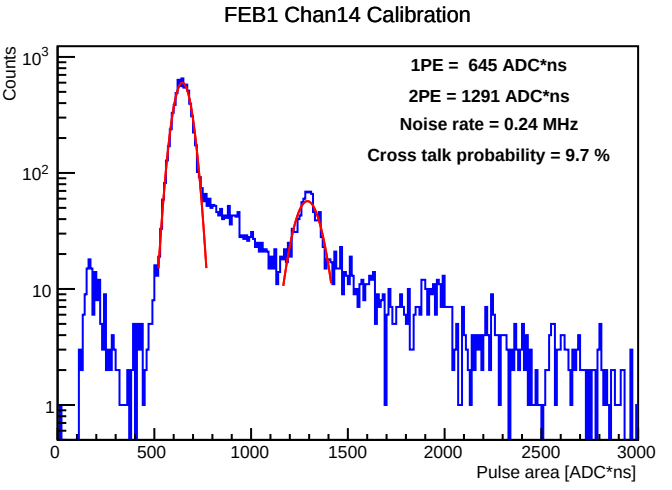

FEB1 Chan13 Calibration
1PE = 656 ADC*ns
2PE = 1312 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 10.4 %
Counts
Pulse area [ADC*ns]

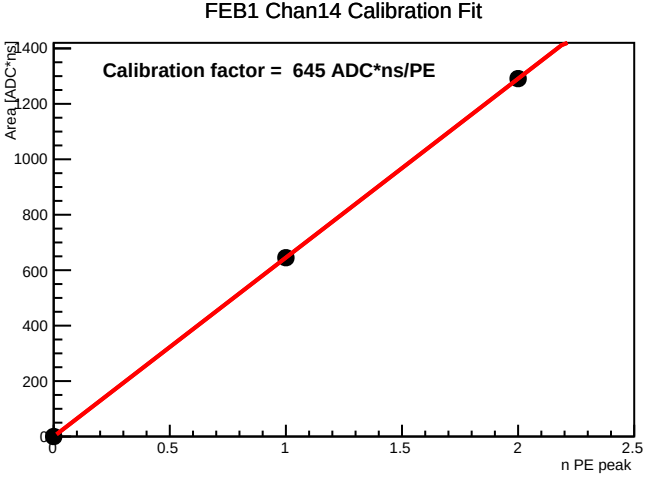

FEB1 Chan13 Calibration Fit
Calibration factor = 656 ADC*ns/PE
Area [ADC*ns]
n PE peak

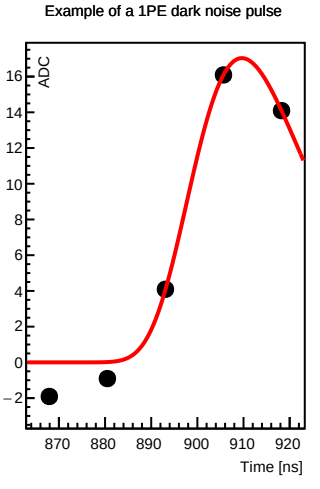

Example of a 1PE dark noise pulse
ADC
Time [ns]

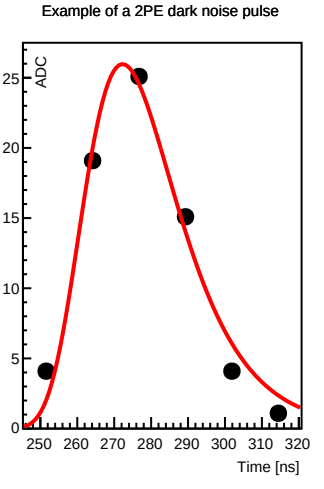

Example of a 2PE dark noise pulse
ADC
Time [ns]

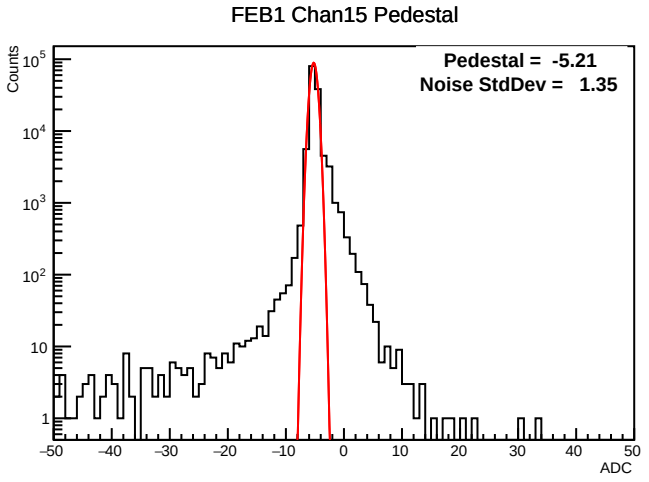

FEB1 Chan14 Pedestal
Pedestal = -10.09
Noise StdDev = 1.31
Counts
ADC

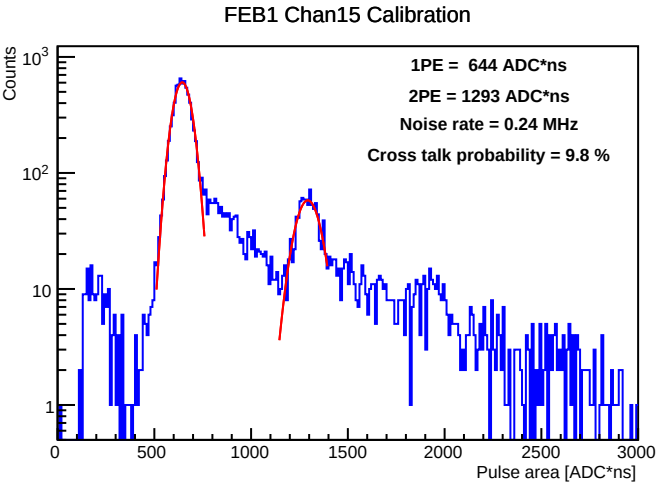

FEB1 Chan14 Calibration
1PE = 645 ADC*ns
2PE = 1291 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 9.7 %
Counts
Pulse area [ADC*ns]

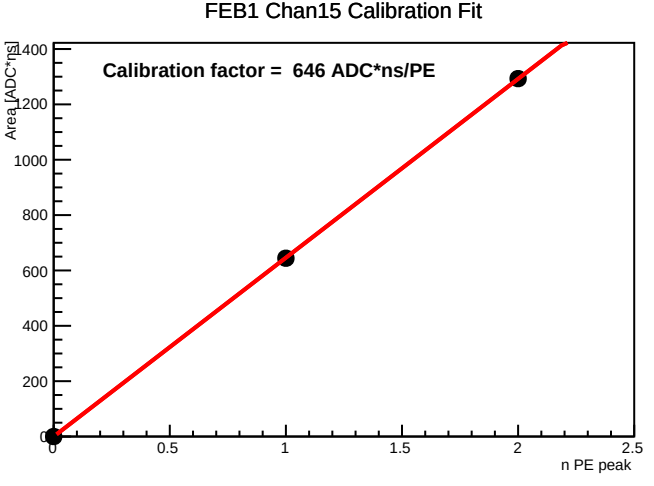

FEB1 Chan14 Calibration Fit
Calibration factor = 645 ADC*ns/PE
Area [ADC*ns]
n PE peak

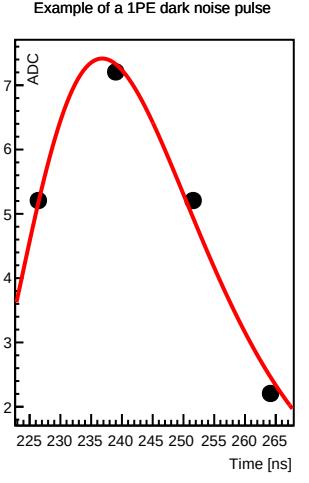

Example of a 1PE dark noise pulse
ADC
Time [ns]

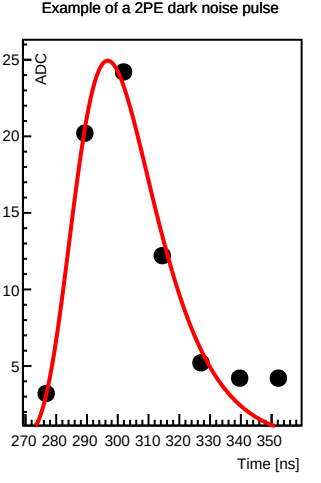

Example of a 2PE dark noise pulse
ADC
Time [ns]

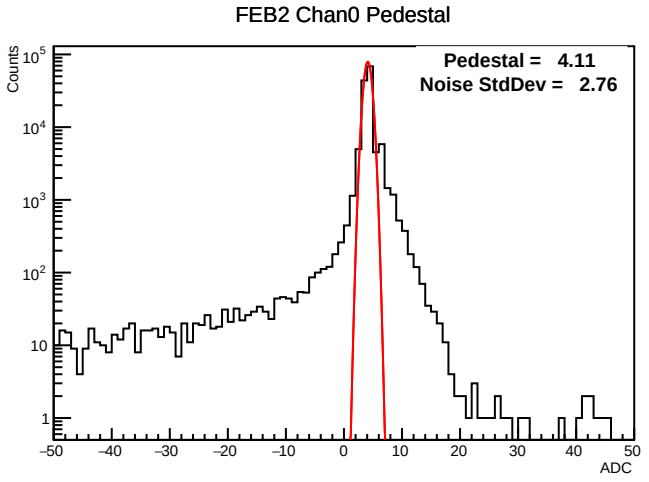

FEB1 Chan15 Pedestal
Pedestal = -5.21
Noise StdDev = 1.35
Counts
ADC

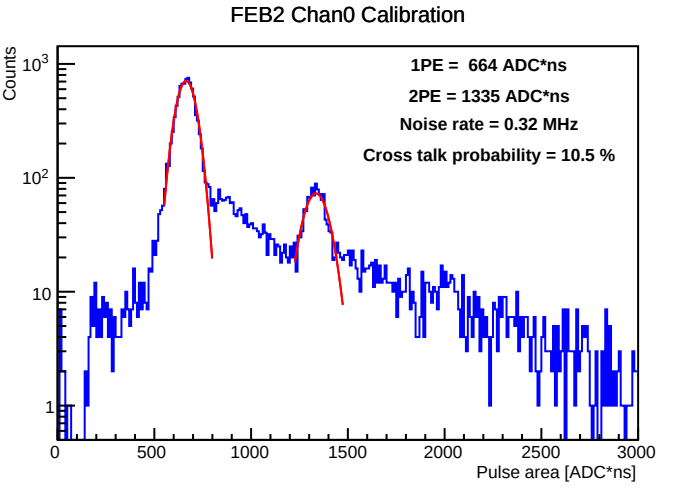

FEB1 Chan15 Calibration
1PE = 644 ADC*ns
2PE = 1293 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 9.8 %
Counts
Pulse area [ADC*ns]

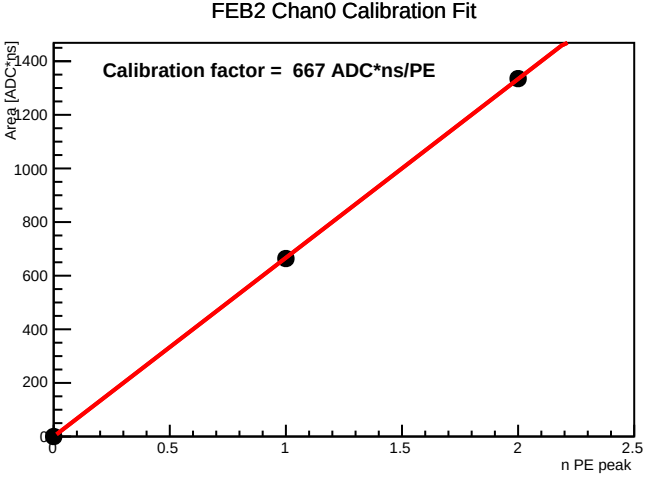

FEB1 Chan15 Calibration Fit
Calibration factor = 646 ADC*ns/PE
Area [ADC*ns]
n PE peak

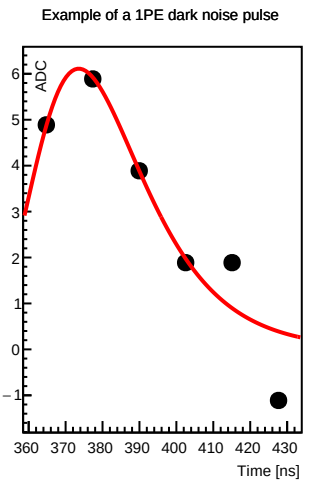

Example of a 1PE dark noise pulse
ADC
Time [ns]

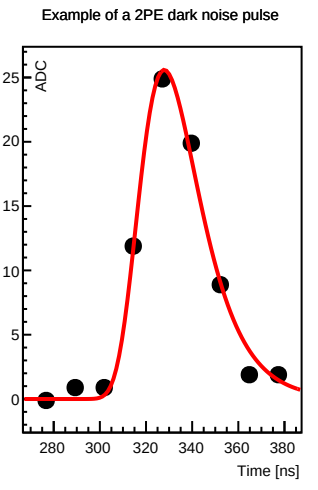

Example of a 2PE dark noise pulse
ADC
Time [ns]

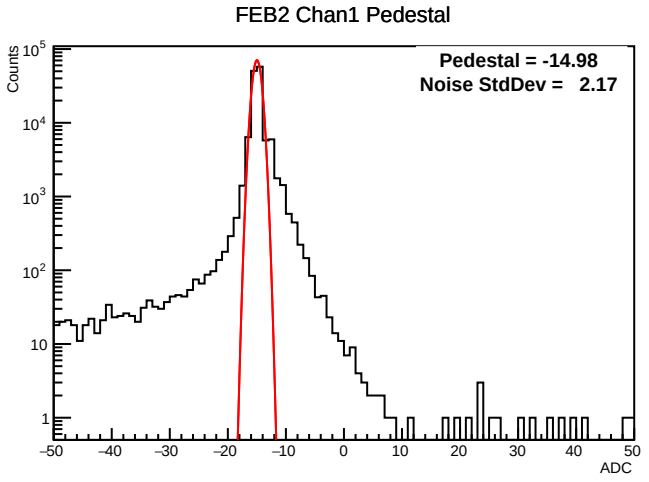

FEB2 Chan0 Pedestal
Pedestal = 4.11
Noise StdDev = 2.76
Counts
ADC

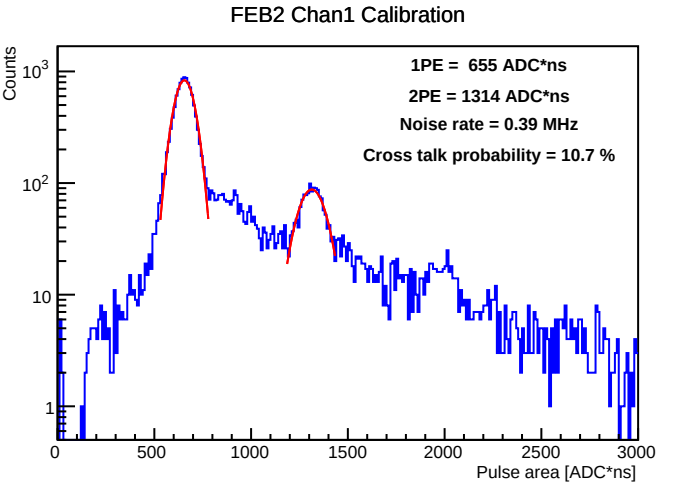

FEB2 Chan0 Calibration
1PE = 664 ADC*ns
2PE = 1335 ADC*ns
Noise rate = 0.32 MHz
Cross talk probability = 10.5 %
Counts
Pulse area [ADC*ns]

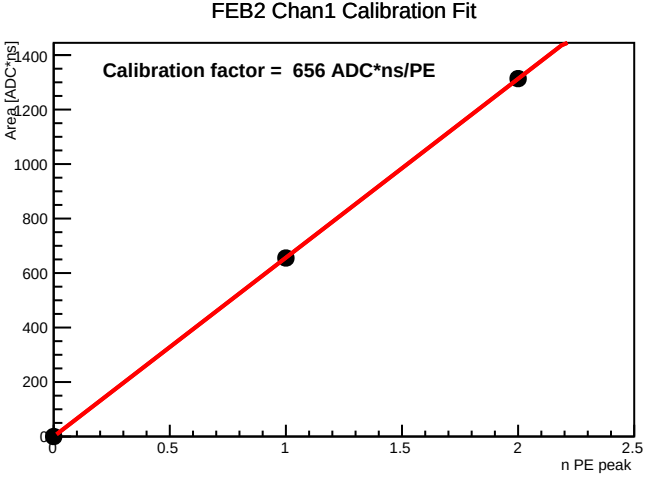

FEB2 Chan0 Calibration Fit
Calibration factor = 667 ADC*ns/PE
Area [ADC*ns]
n PE peak

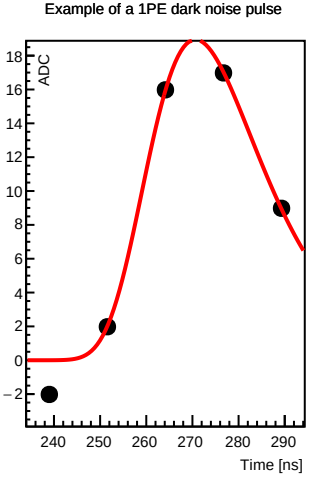

Example of a 1PE dark noise pulse
ADC
Time [ns]

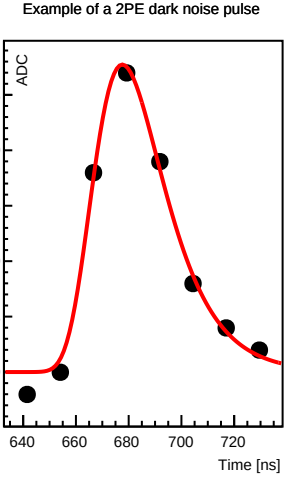

Example of a 2PE dark noise pulse
ADC
Time [ns]

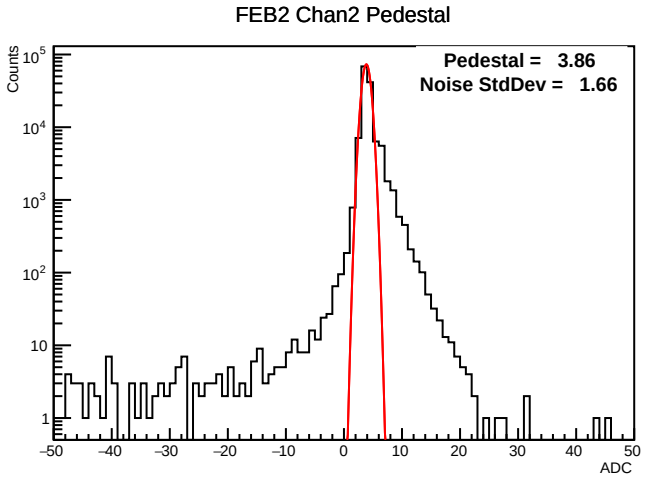

FEB2 Chan1 Pedestal
Pedestal = -14.98
Noise StdDev = 2.17
Counts
ADC

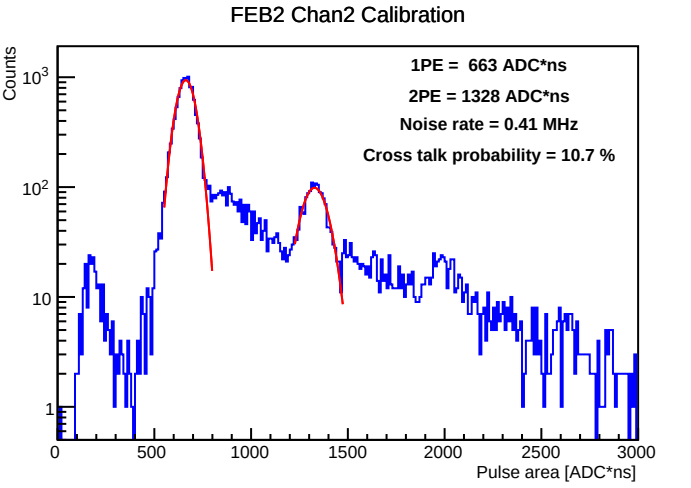

FEB2 Chan1 Calibration
1PE = 655 ADC*ns
2PE = 1314 ADC*ns
Noise rate = 0.39 MHz
Cross talk probability = 10.7 %
Counts
Pulse area [ADC*ns]

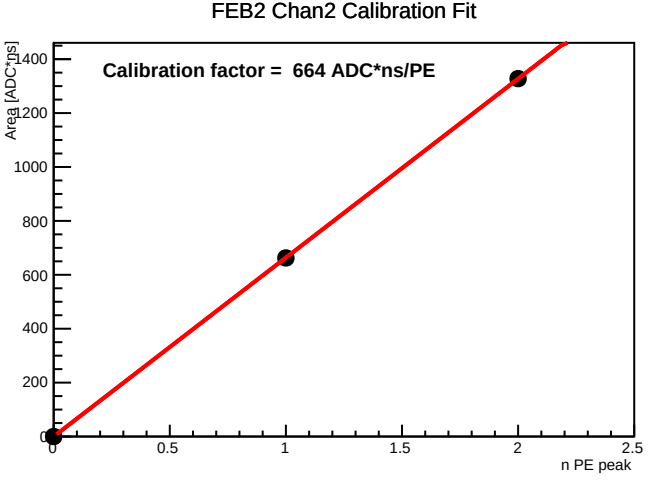

FEB2 Chan1 Calibration Fit
Calibration factor = 656 ADC*ns/PE
Area [ADC*ns]
n PE peak

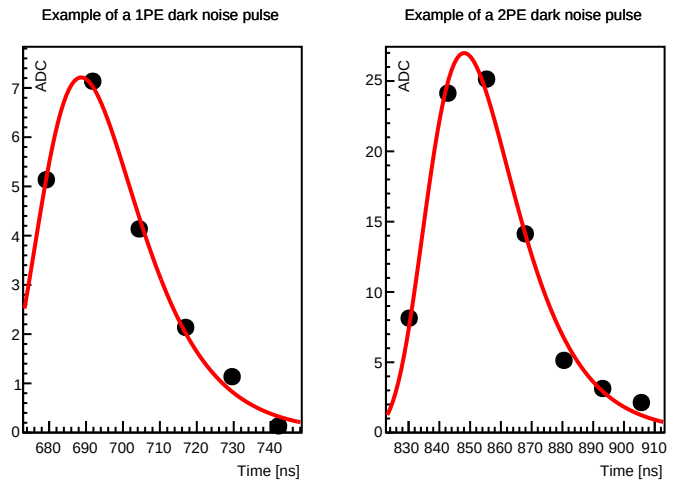

Example of a 1PE dark noise pulse
ADC
Time [ns]

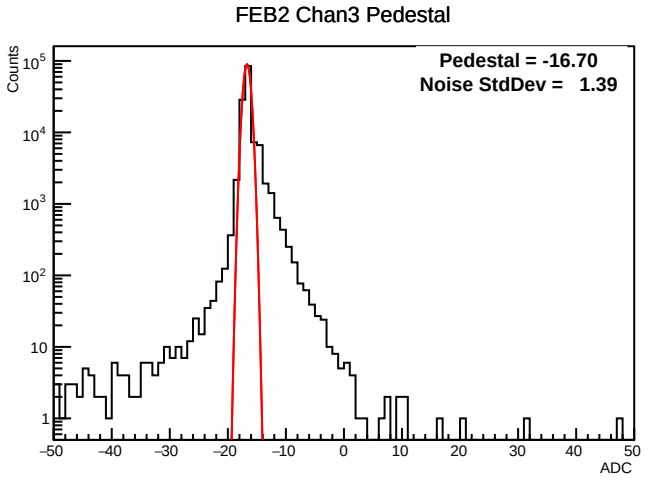

Example of a 2PE dark noise pulse
ADC
Time [ns]

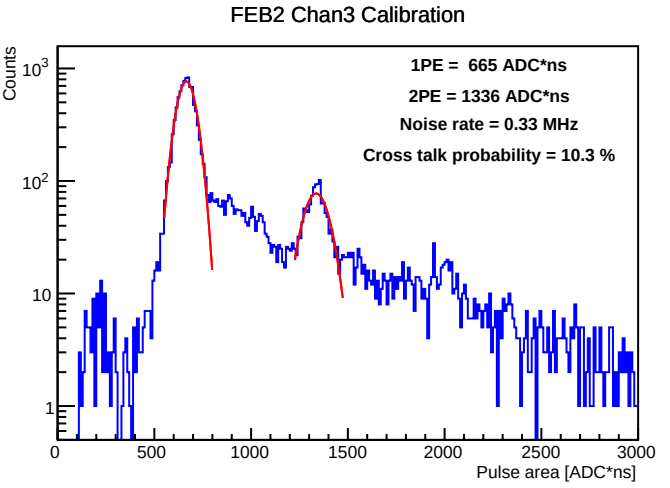

FEB2 Chan2 Pedestal
Pedestal = 3.86
Noise StdDev = 1.66
Counts
ADC

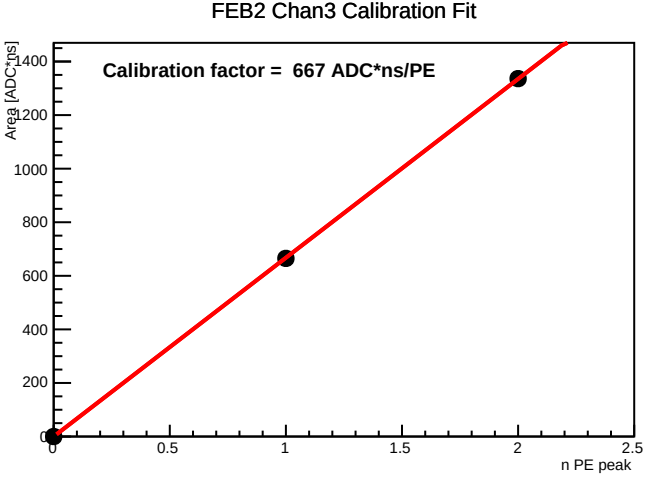

FEB2 Chan2 Calibration
1PE = 663 ADC*ns
2PE = 1328 ADC*ns
Noise rate = 0.41 MHz
Cross talk probability = 10.7 %
Counts
Pulse area [ADC*ns]

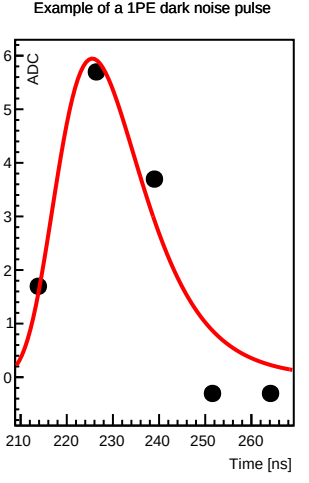

FEB2 Chan2 Calibration Fit
Calibration factor = 664 ADC*ns/PE
Area [ADC*ns]
n PE peak

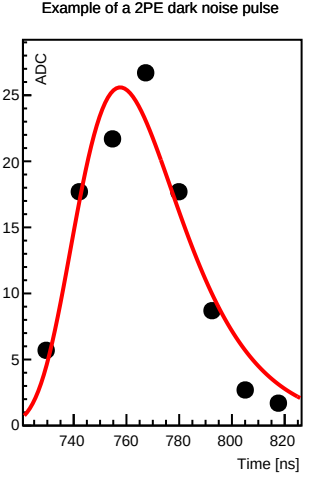

Example of a 1PE dark noise pulse
Example of a 2PE dark noise pulse
ADC
Time [ns]

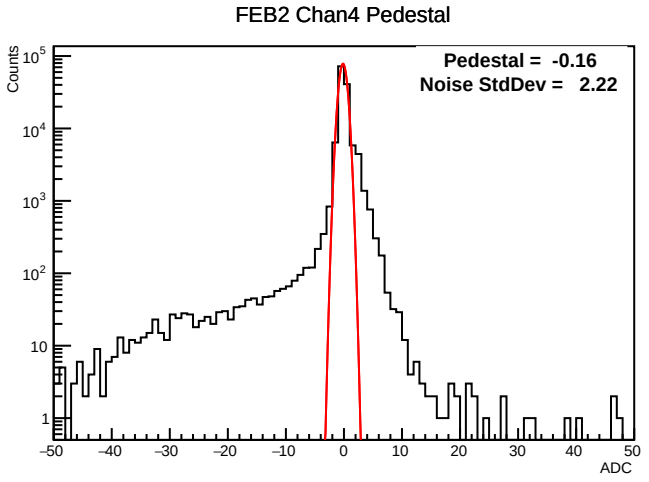

FEB2 Chan3 Pedestal
Pedestal = -16.70
Noise StdDev = 1.39
Counts
ADC

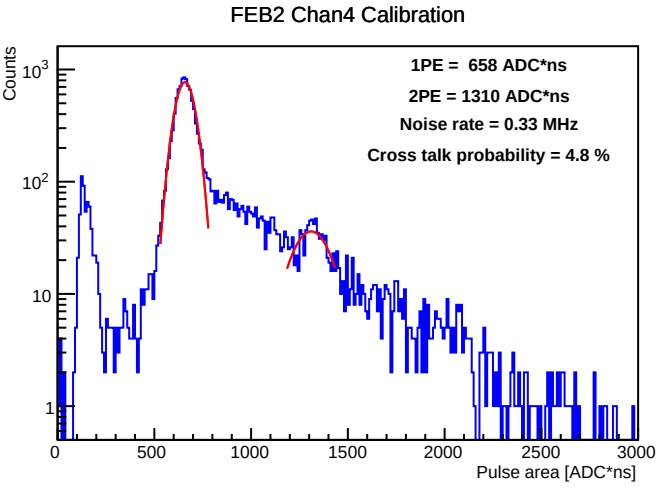

FEB2 Chan3 Calibration
1PE = 665 ADC*ns
2PE = 1336 ADC*ns
Noise rate = 0.33 MHz
Cross talk probability = 10.3 %
Counts
Pulse area [ADC*ns]

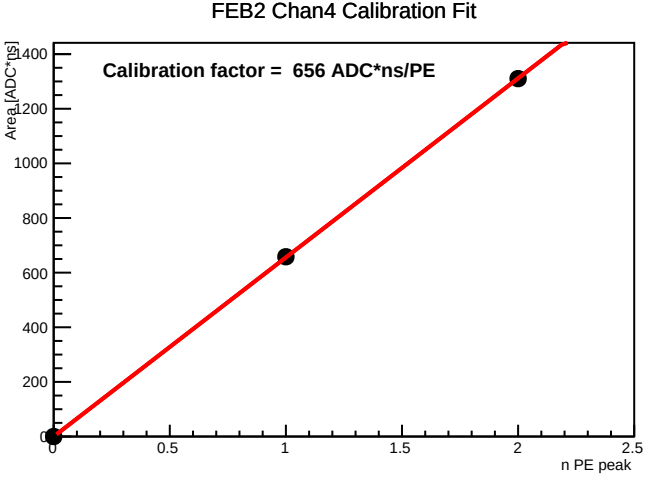

FEB2 Chan3 Calibration Fit
Calibration factor = 667 ADC*ns/PE
Area [ADC*ns]
n PE peak

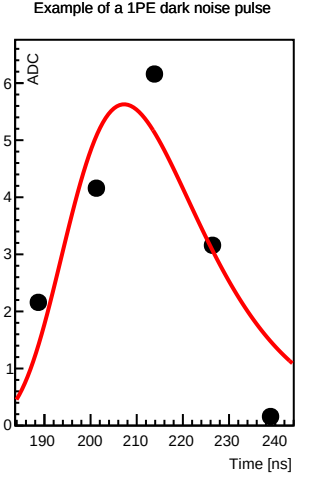

Example of a 1PE dark noise pulse
ADC
Time [ns]

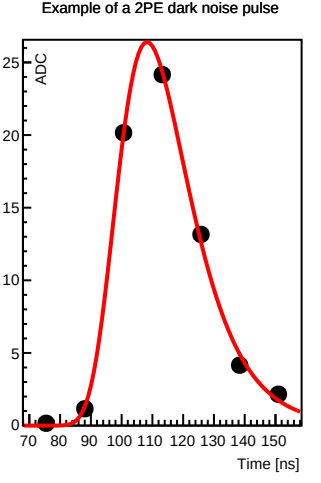

Example of a 2PE dark noise pulse
ADC
Time [ns]

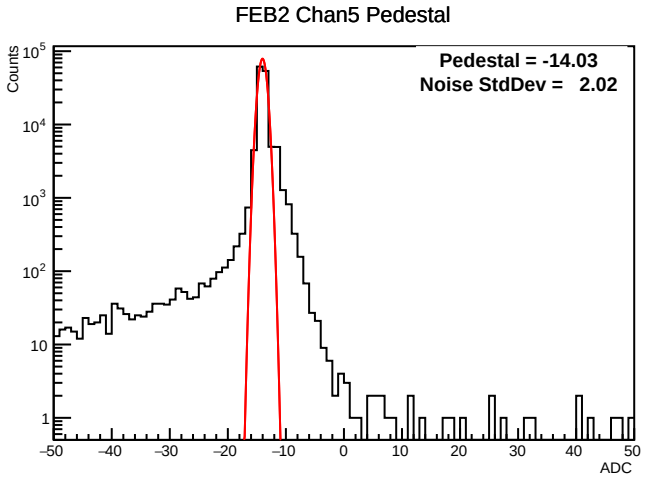

FEB2 Chan4 Pedestal
Pedestal = -0.16
Noise StdDev = 2.22
Counts
ADC

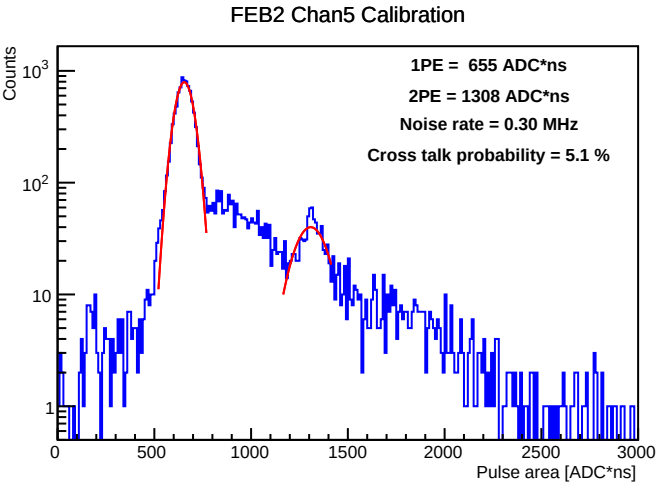

FEB2 Chan4 Calibration
1PE = 658 ADC*ns
2PE = 1310 ADC*ns
Noise rate = 0.33 MHz
Cross talk probability = 4.8 %
Counts
Pulse area [ADC*ns]

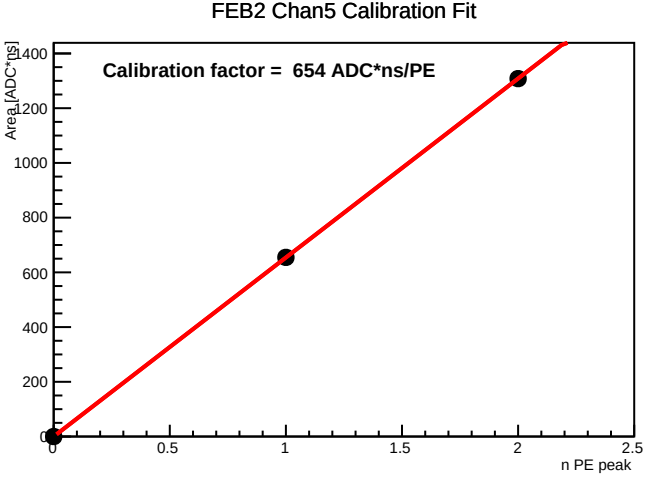

FEB2 Chan4 Calibration Fit
Calibration factor = 656 ADC*ns/PE
Area [ADC*ns]
n PE peak

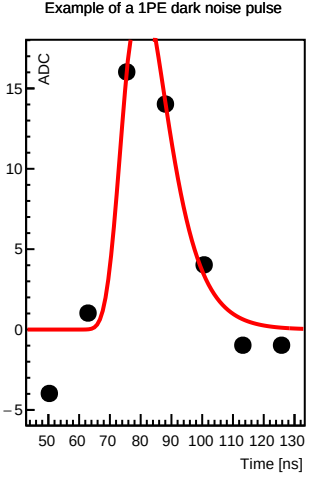

Example of a 1PE dark noise pulse
ADC
Time [ns]

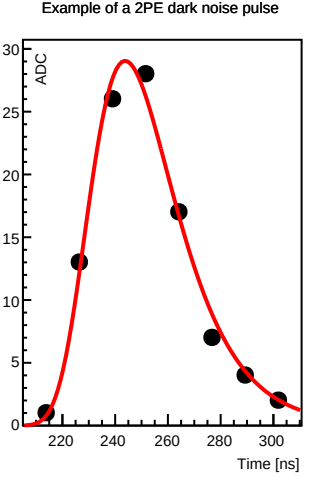

Example of a 2PE dark noise pulse
ADC
Time [ns]

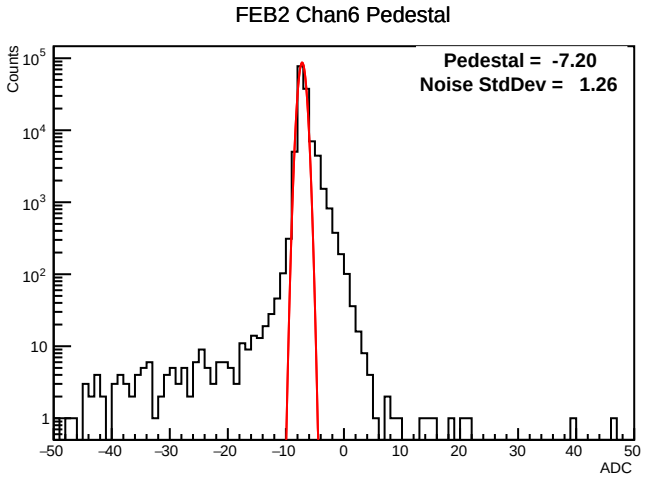

FEB2 Chan5 Pedestal
Pedestal = -14.03
Noise StdDev = 2.02
Counts
ADC

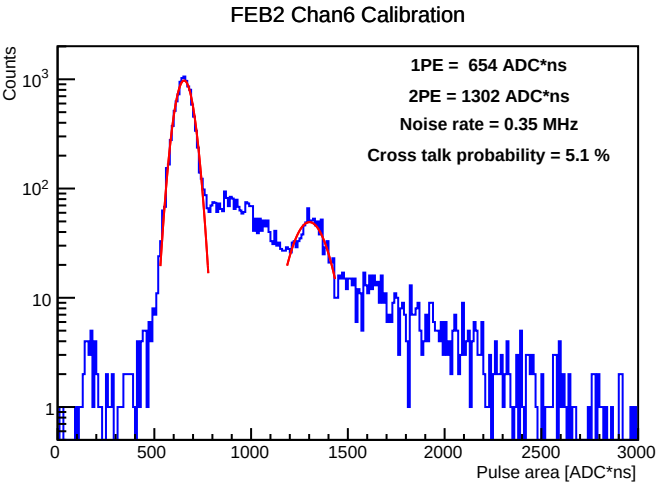

FEB2 Chan5 Calibration
1PE = 655 ADC*ns
2PE = 1308 ADC*ns
Noise rate = 0.30 MHz
Cross talk probability = 5.1 %
Counts
Pulse area [ADC*ns]

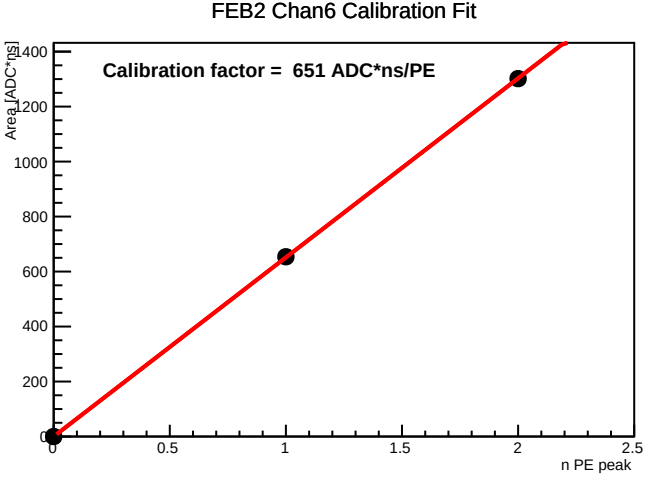

FEB2 Chan5 Calibration Fit
Calibration factor = 654 ADC*ns/PE
Area [ADC*ns]
n PE peak

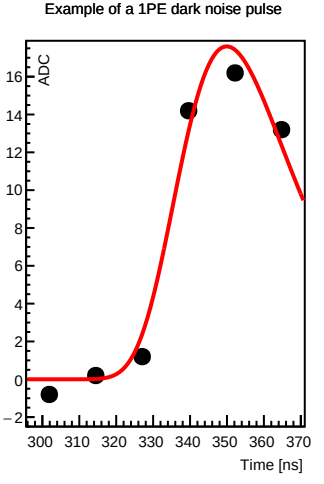

Example of a 1PE dark noise pulse
ADC
Time [ns]

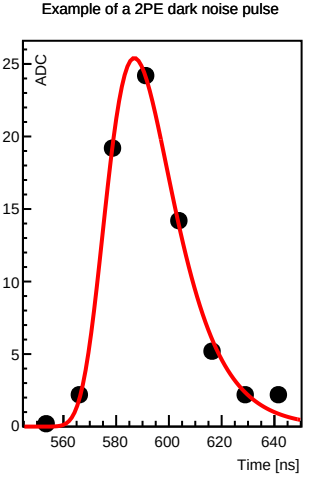

Example of a 2PE dark noise pulse
ADC
Time [ns]

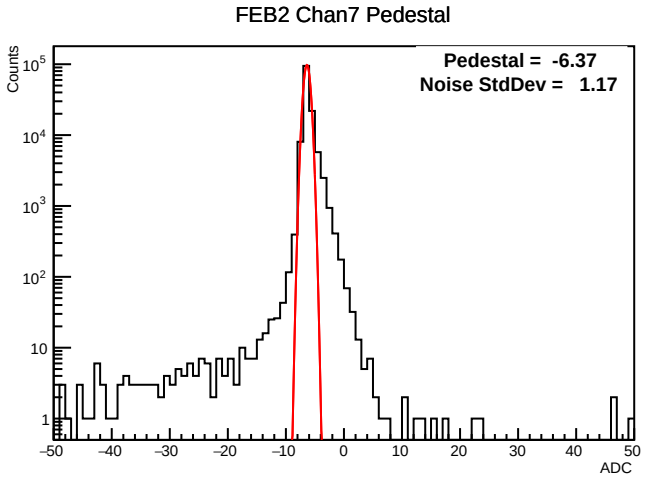

FEB2 Chan6 Pedestal
Pedestal = -7.20
Noise StdDev = 1.26
Counts
ADC

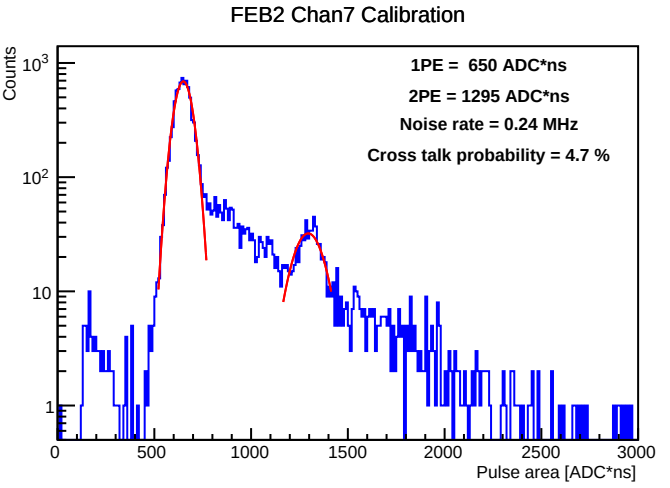

FEB2 Chan6 Calibration
1PE = 654 ADC*ns
2PE = 1302 ADC*ns
Noise rate = 0.35 MHz
Cross talk probability = 5.1 %
Counts
Pulse area [ADC*ns]

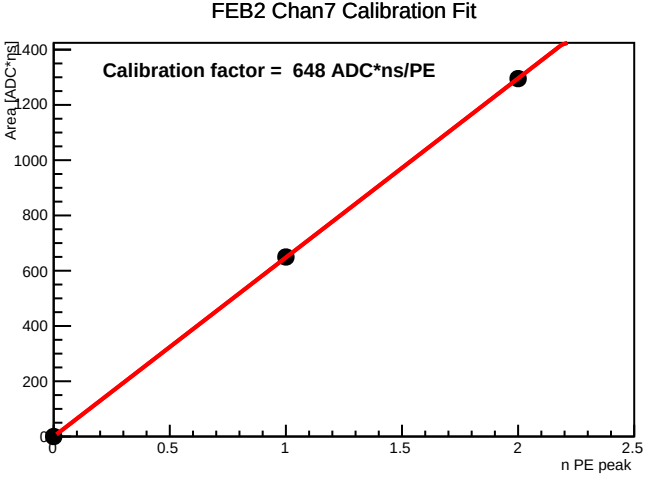

FEB2 Chan6 Calibration Fit
Calibration factor = 651 ADC*ns/PE
Area [ADC*ns]
n PE peak

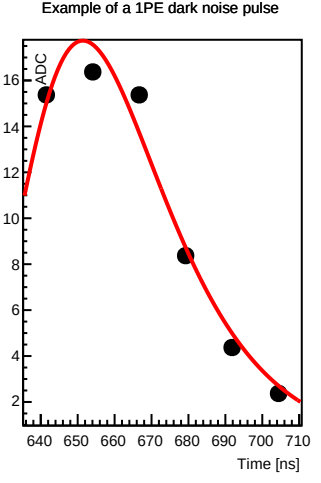

Example of a 1PE dark noise pulse
ADC
Time [ns]

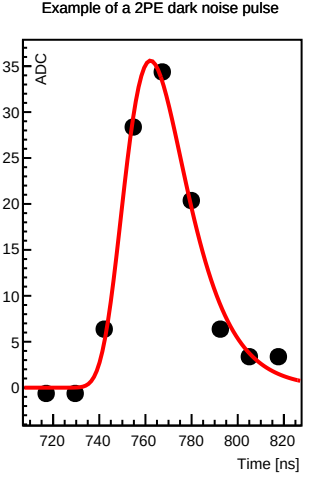

Example of a 2PE dark noise pulse
ADC
Time [ns]

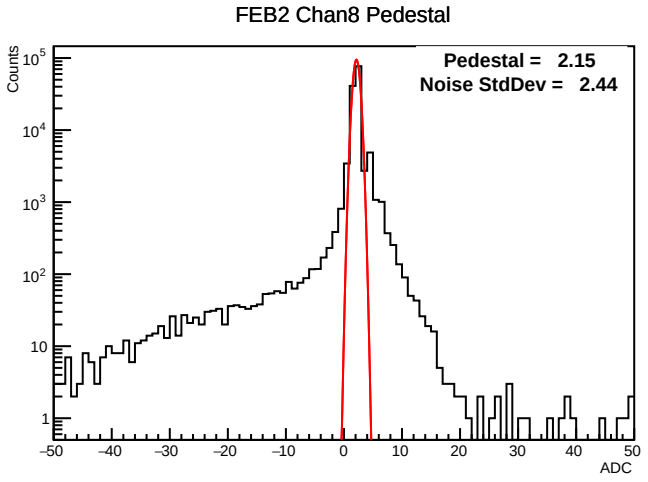

FEB2 Chan7 Pedestal
Pedestal = -6.37
Noise StdDev = 1.17
Counts
ADC

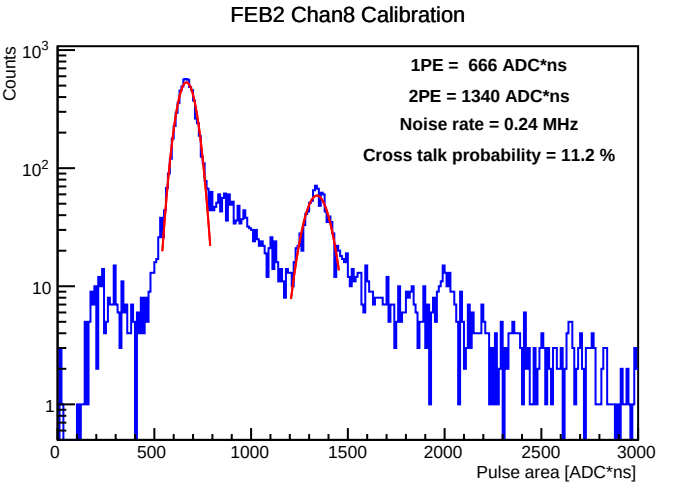

FEB2 Chan7 Calibration
1PE = 650 ADC*ns
2PE = 1295 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 4.7 %
Counts
Pulse area [ADC*ns]

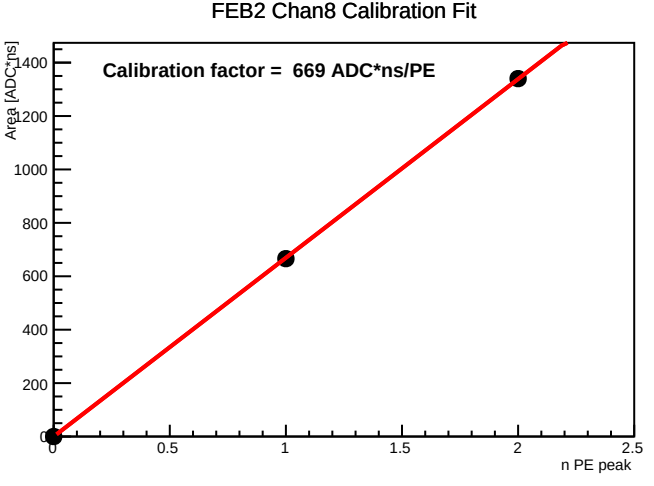

FEB2 Chan7 Calibration Fit
Calibration factor = 648 ADC*ns/PE
Area [ADC*ns]
n PE peak

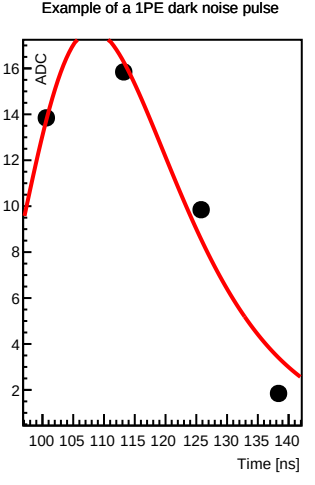

Example of a 1PE dark noise pulse
ADC
Time [ns]

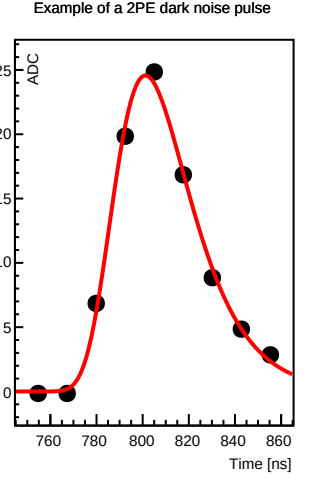

Example of a 2PE dark noise pulse
ADC
Time [ns]

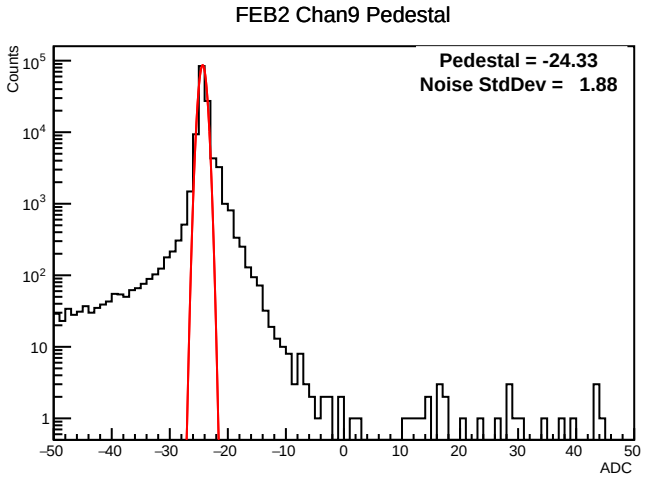

FEB2 Chan8 Pedestal
Pedestal = 2.15
Noise StdDev = 2.44
Counts
ADC

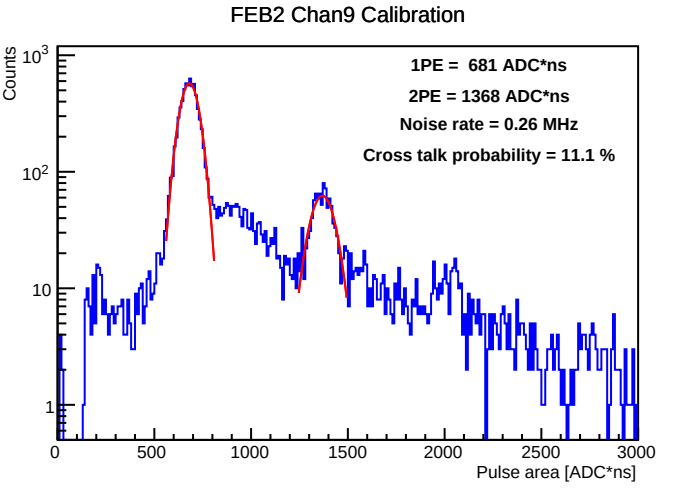

FEB2 Chan8 Calibration
1PE = 666 ADC*ns
2PE = 1340 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 11.2 %
Counts
Pulse area [ADC*ns]

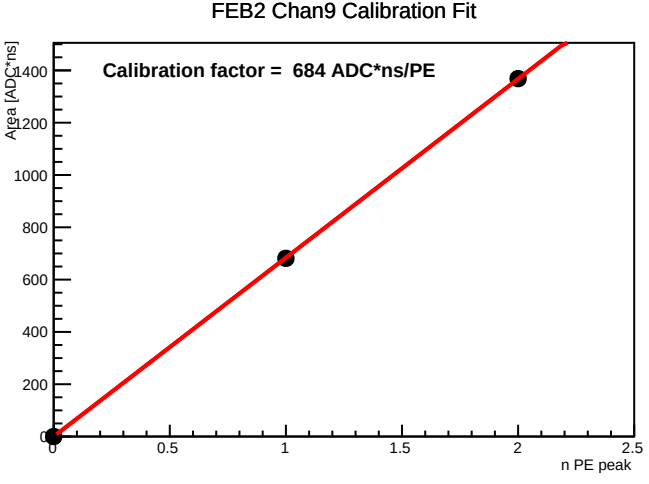

FEB2 Chan8 Calibration Fit
Calibration factor = 669 ADC*ns/PE
Area [ADC*ns]
n PE peak

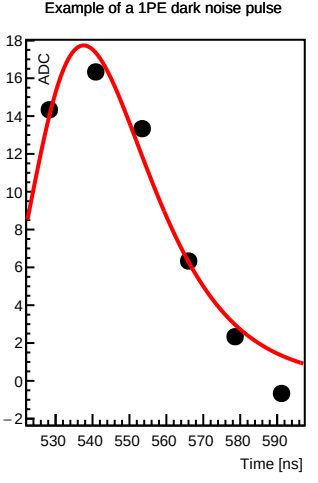

Example of a 1PE dark noise pulse
ADC
Time [ns]

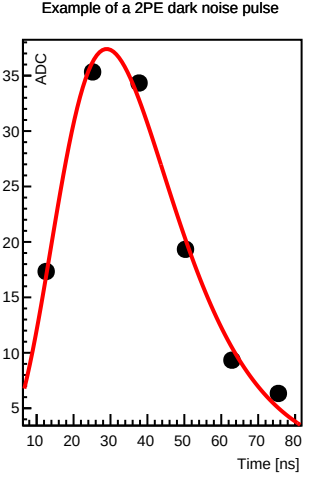

Example of a 2PE dark noise pulse
ADC
Time [ns]

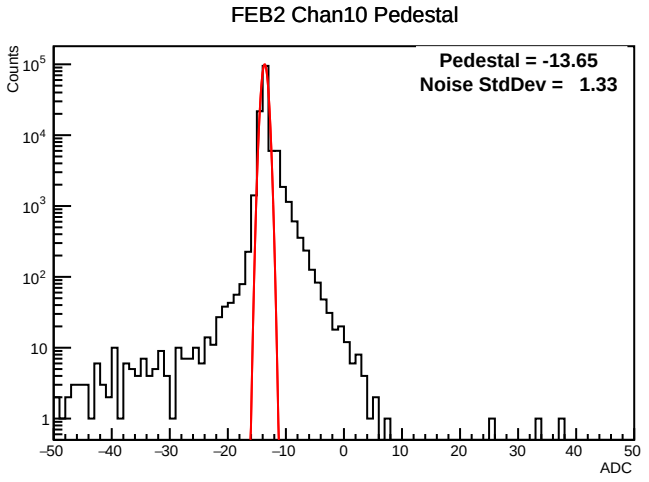

FEB2 Chan9 Pedestal
Pedestal = -24.33
Noise StdDev = 1.88
Counts
ADC

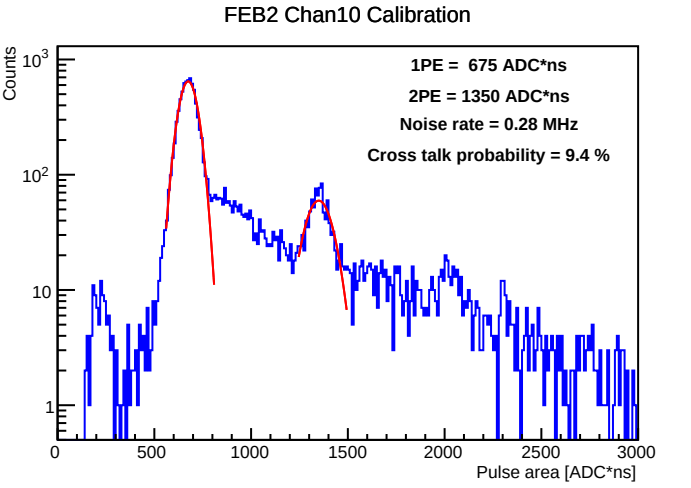

FEB2 Chan9 Calibration
1PE = 681 ADC*ns
2PE = 1368 ADC*ns
Noise rate = 0.26 MHz
Cross talk probability = 11.1 %
Counts
Pulse area [ADC*ns]

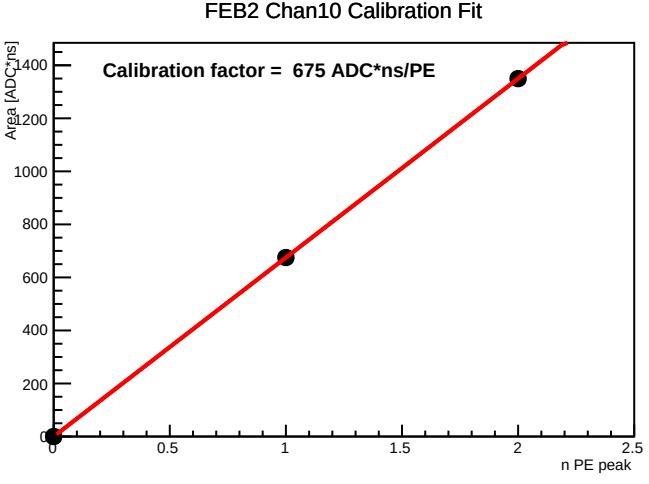

FEB2 Chan9 Calibration Fit
Calibration factor = 684 ADC*ns/PE
Area [ADC*ns]
n PE peak

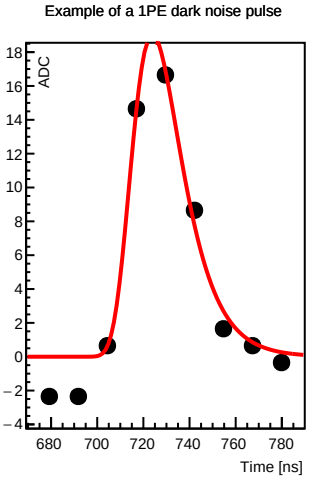

Example of a 1PE dark noise pulse
ADC
Time [ns]

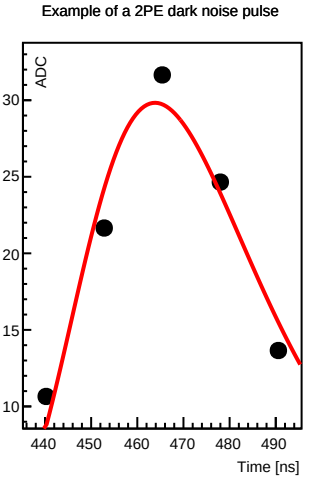

Example of a 2PE dark noise pulse
ADC
Time [ns]

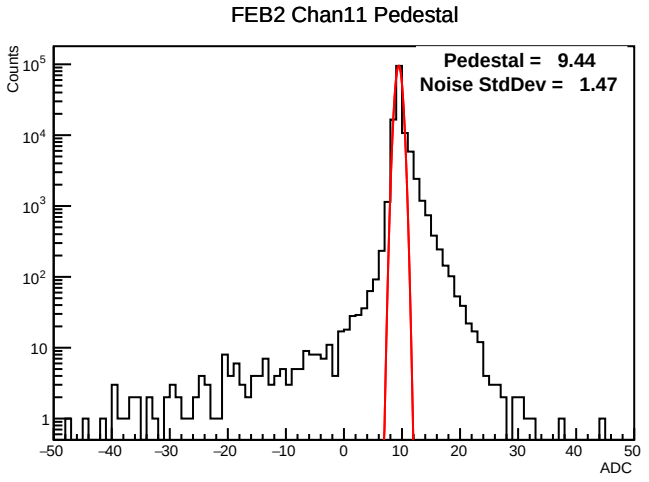

FEB2 Chan10 Pedestal
Pedestal = -13.65
Noise StdDev = 1.33
Counts
ADC

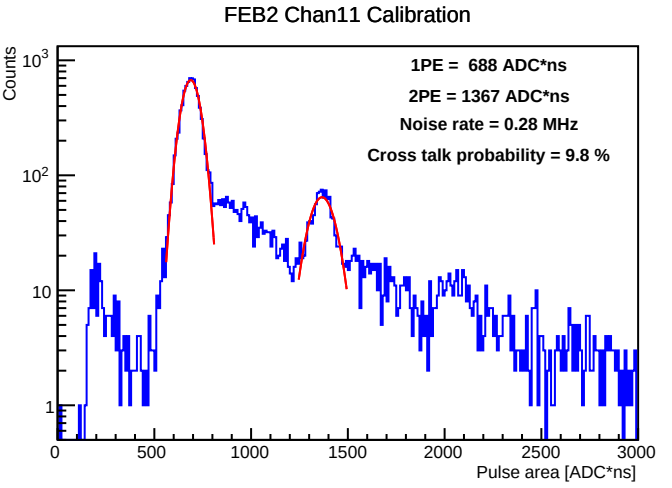

FEB2 Chan10 Calibration
1PE = 675 ADC*ns
2PE = 1350 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 9.4 %
Counts
Pulse area [ADC*ns]

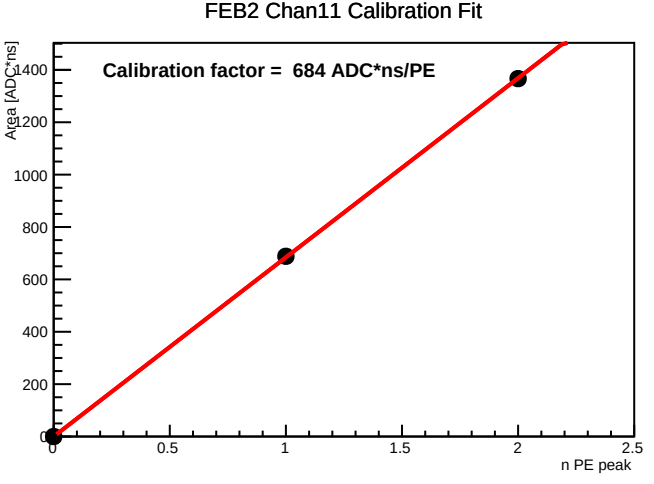

FEB2 Chan10 Calibration Fit
Calibration factor = 675 ADC*ns/PE
Area [ADC*ns]
n PE peak

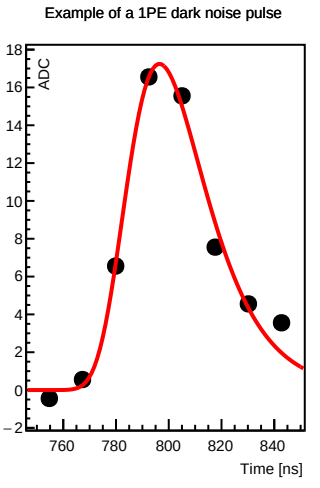

Example of a 1PE dark noise pulse
ADC
Time [ns]

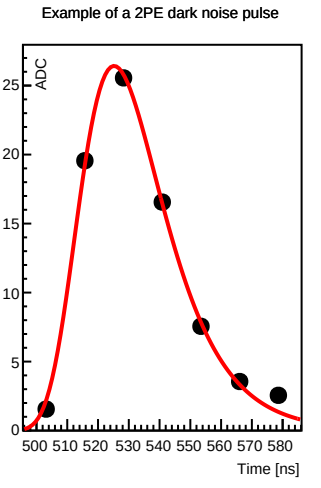

Example of a 2PE dark noise pulse
ADC
Time [ns]

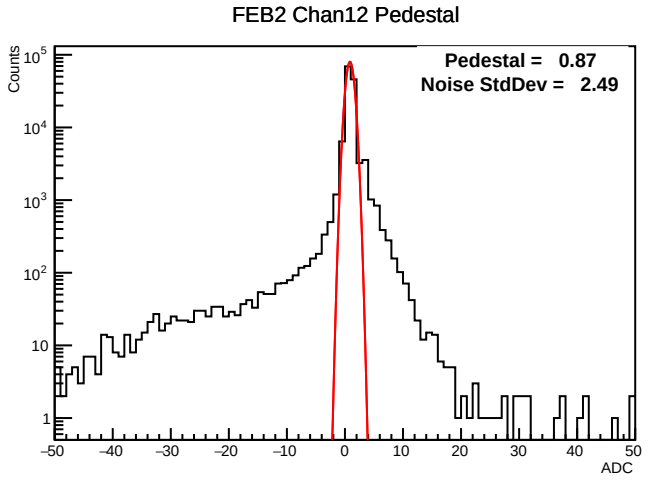

FEB2 Chan11 Pedestal
Pedestal = 9.44
Noise StdDev = 1.47
Counts
ADC

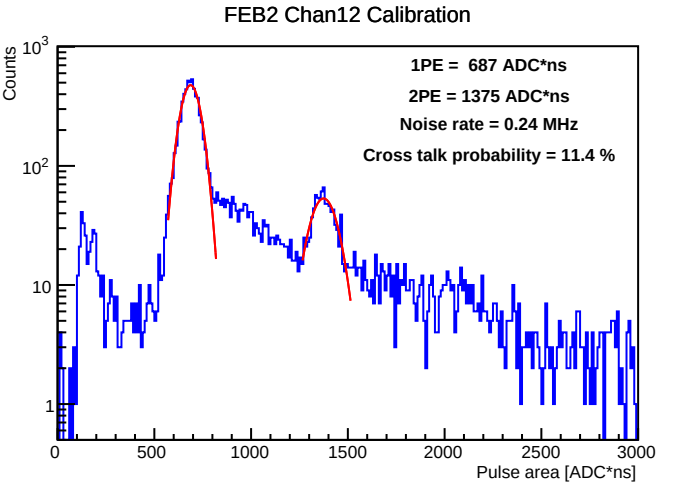

FEB2 Chan11 Calibration
1PE = 688 ADC*ns
2PE = 1367 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 9.8 %
Counts
Pulse area [ADC*ns]

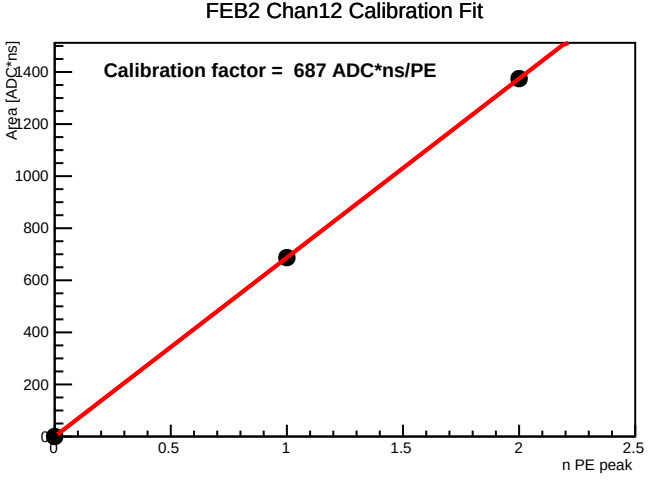

FEB2 Chan11 Calibration Fit
Calibration factor = 684 ADC*ns/PE
Area [ADC*ns]
n PE peak

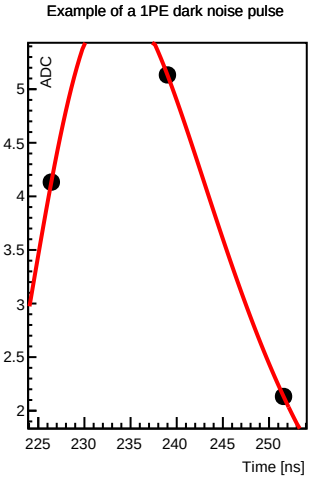

Example of a 1PE dark noise pulse
ADC
Time [ns]

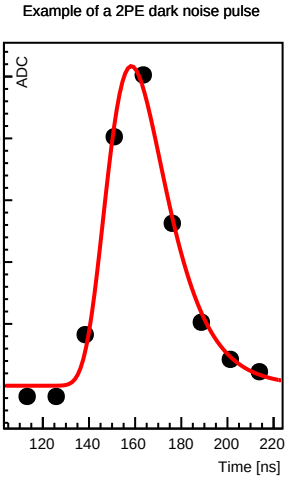

Example of a 2PE dark noise pulse
ADC
Time [ns]

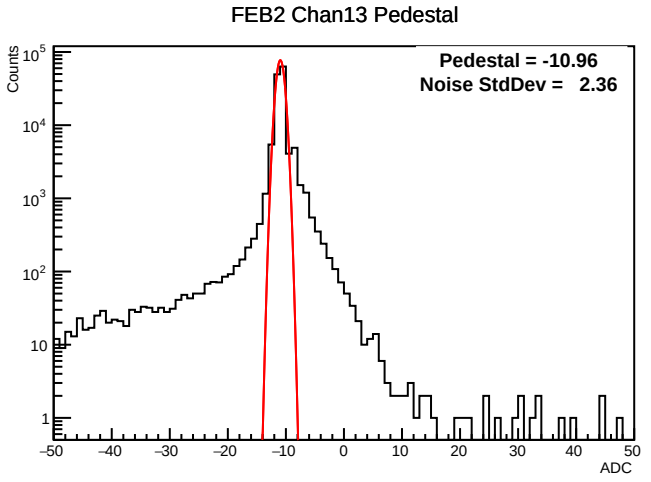

FEB2 Chan12 Pedestal
Pedestal = 0.87
Noise StdDev = 2.49
Counts
ADC

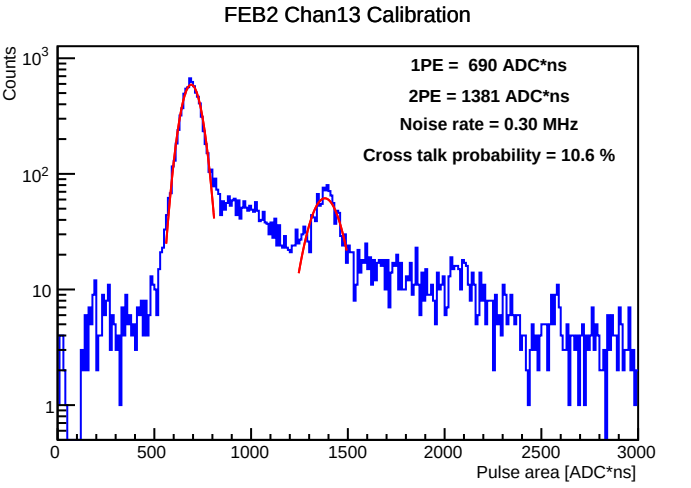

FEB2 Chan12 Calibration
1PE = 687 ADC*ns
2PE = 1375 ADC*ns
Noise rate = 0.24 MHz
Cross talk probability = 11.4 %
Counts
Pulse area [ADC*ns]

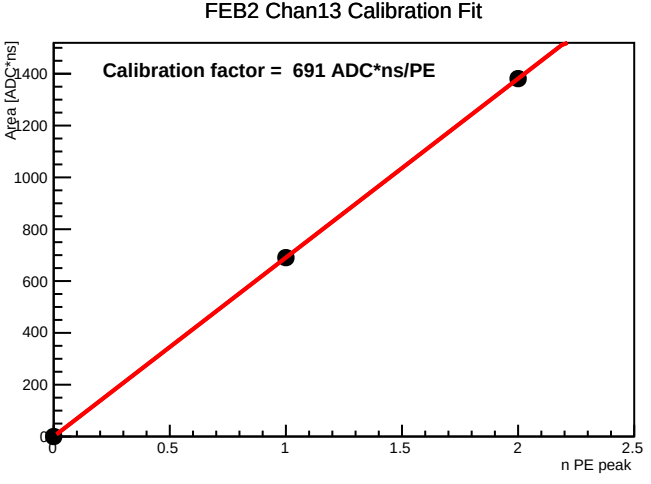

FEB2 Chan12 Calibration Fit
Calibration factor = 687 ADC*ns/PE
Area [ADC*ns]
n PE peak

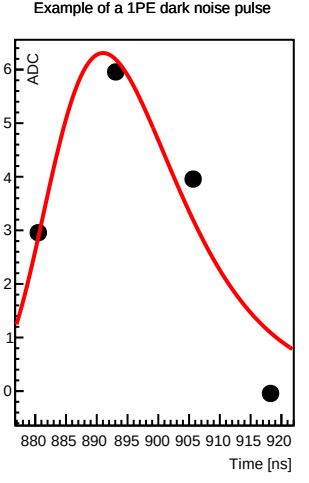

Example of a 1PE dark noise pulse
ADC
Time [ns]

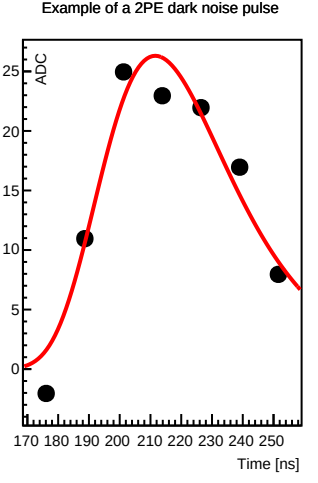

Example of a 2PE dark noise pulse
ADC
Time [ns]

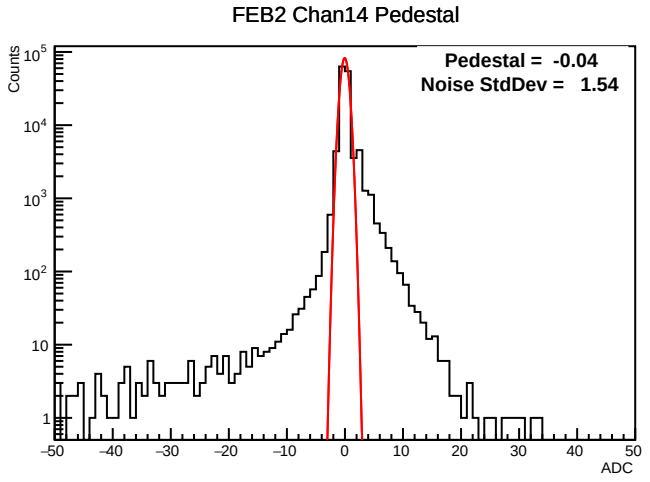

FEB2 Chan13 Pedestal
Pedestal = -10.96
Noise StdDev = 2.36
Counts
ADC

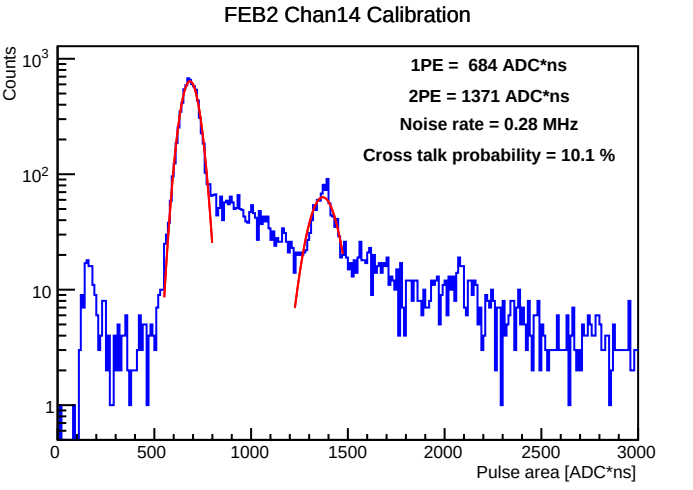

FEB2 Chan13 Calibration
1PE = 690 ADC*ns
2PE = 1381 ADC*ns
Noise rate = 0.30 MHz
Cross talk probability = 10.6 %
Counts
Pulse area [ADC*ns]

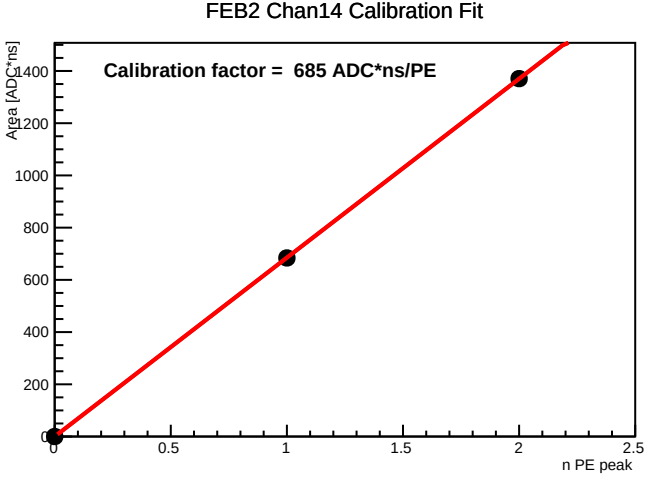

FEB2 Chan13 Calibration Fit
Calibration factor = 691 ADC*ns/PE
Area [ADC*ns]
n PE peak

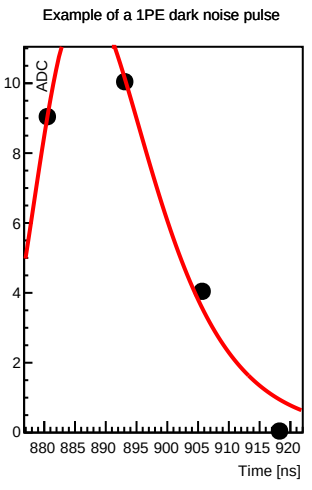

Example of a 1PE dark noise pulse
ADC
Time [ns]

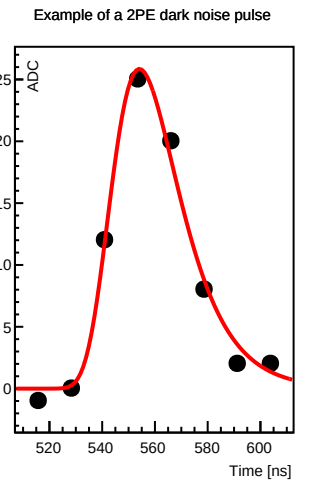

Example of a 2PE dark noise pulse
ADC
Time [ns]

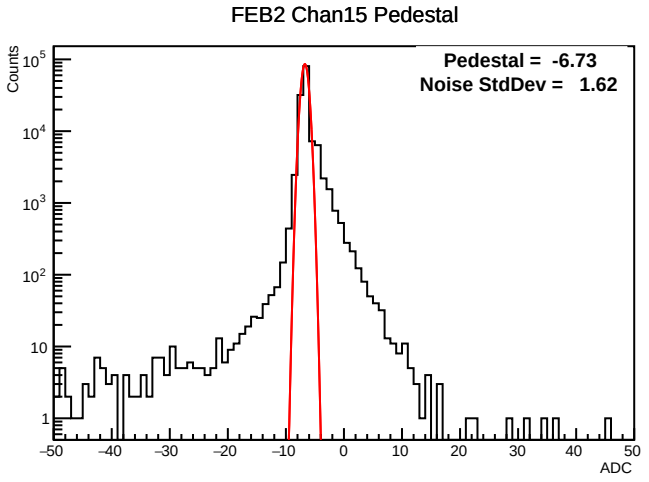

FEB2 Chan14 Pedestal
Pedestal = -0.04
Noise StdDev = 1.54
Counts
ADC

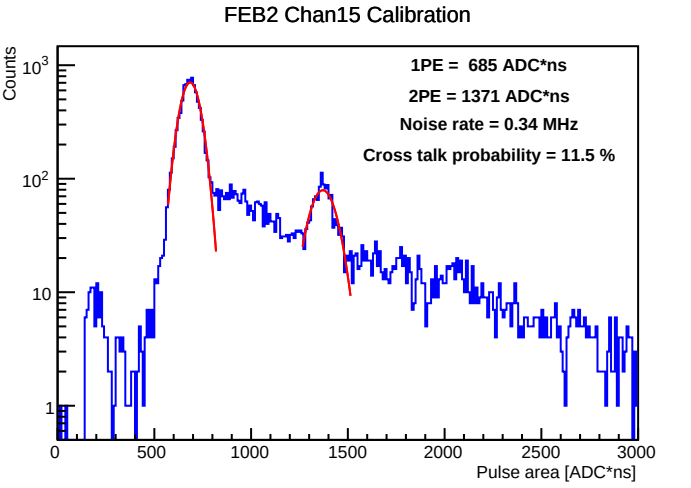

FEB2 Chan14 Calibration
1PE = 684 ADC*ns
2PE = 1371 ADC*ns
Noise rate = 0.28 MHz
Cross talk probability = 10.1 %
Counts
Pulse area [ADC*ns]

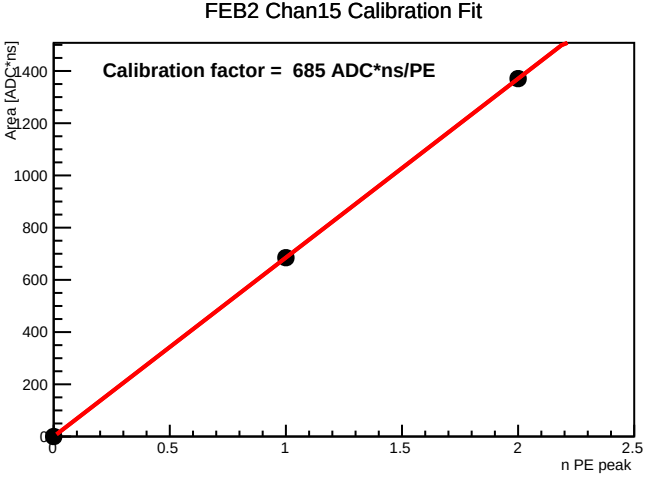

FEB2 Chan14 Calibration Fit
Calibration factor = 685 ADC*ns/PE
Area [ADC*ns]
n PE peak

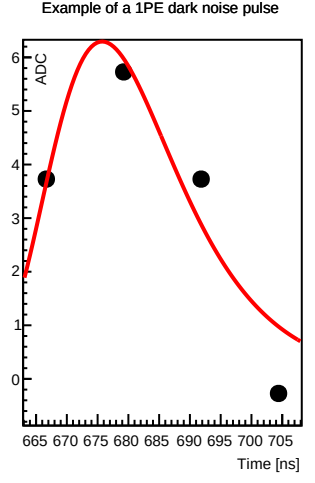

Example of a 1PE dark noise pulse
ADC
Time [ns]

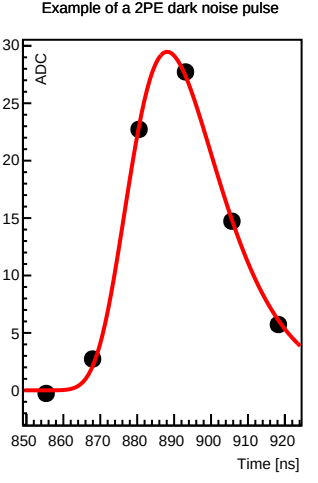

Example of a 2PE dark noise pulse
ADC
Time [ns]


FEB2 Chan15 Pedestal
Pedestal = -6.73
Noise StdDev = 1.62
Counts
ADC


FEB2 Chan15 Calibration
1PE = 685 ADC*ns
2PE = 1371 ADC*ns
Noise rate = 0.34 MHz
Cross talk probability = 11.5 %
Counts
Pulse area [ADC*ns]


FEB2 Chan15 Calibration Fit
Calibration factor = 685 ADC*ns/PE
Area [ADC*ns]
n PE peak


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


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