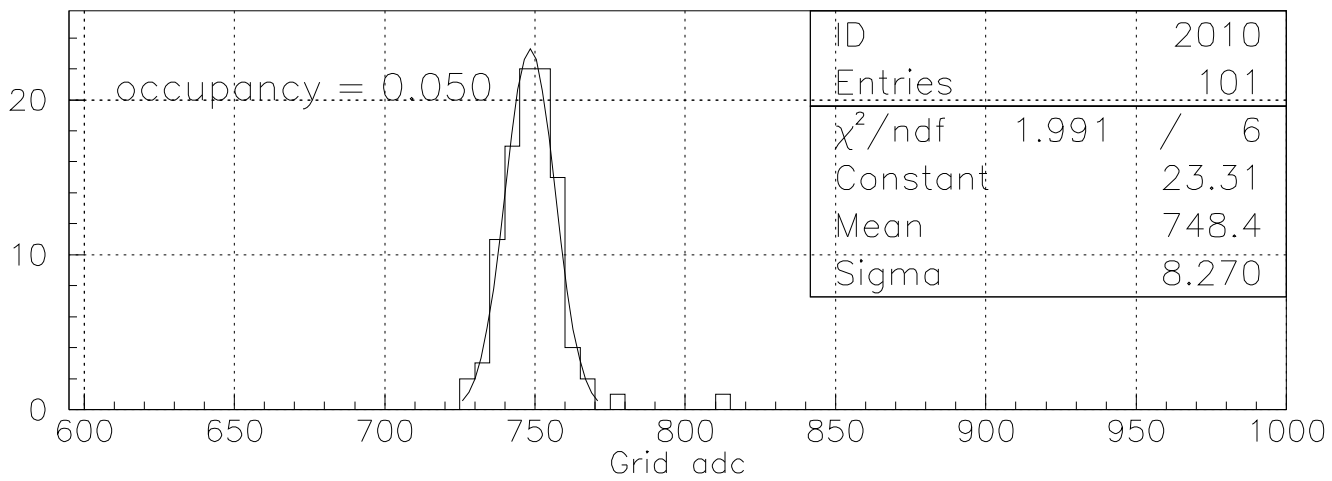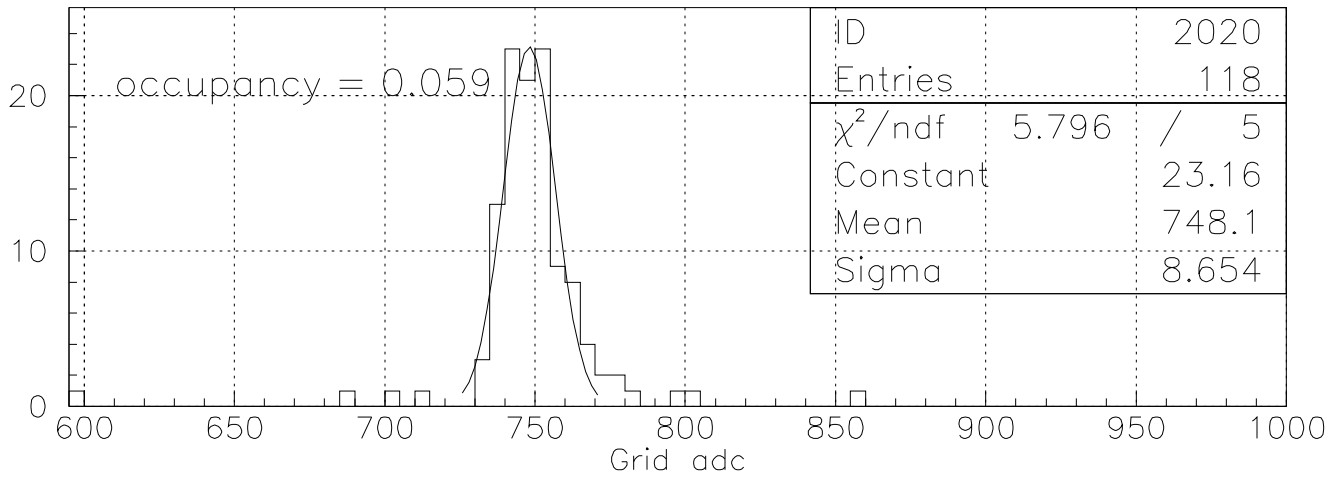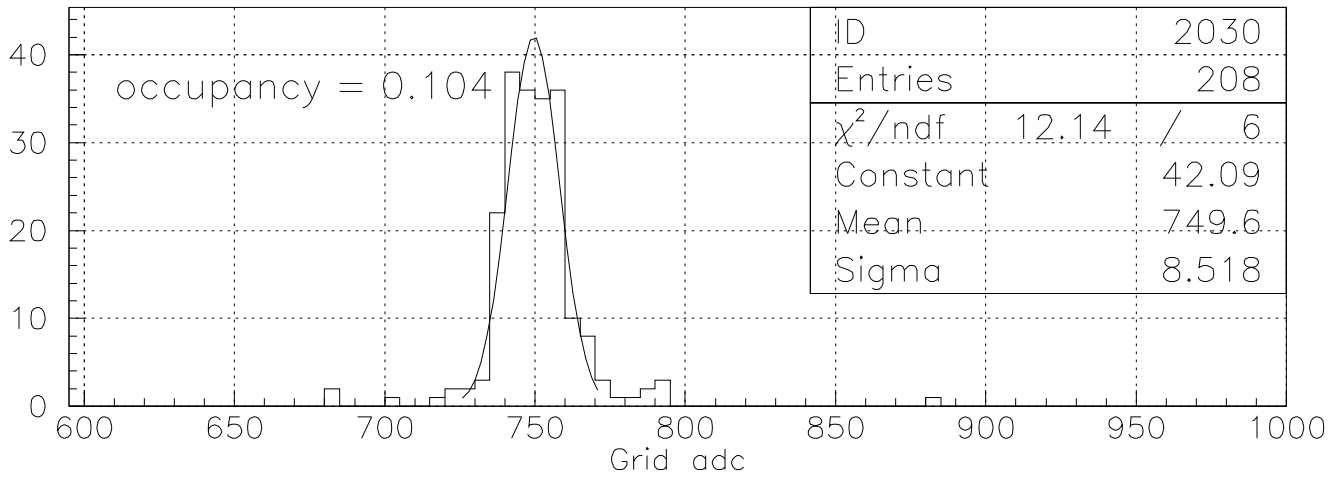Grid 116 adc distribution