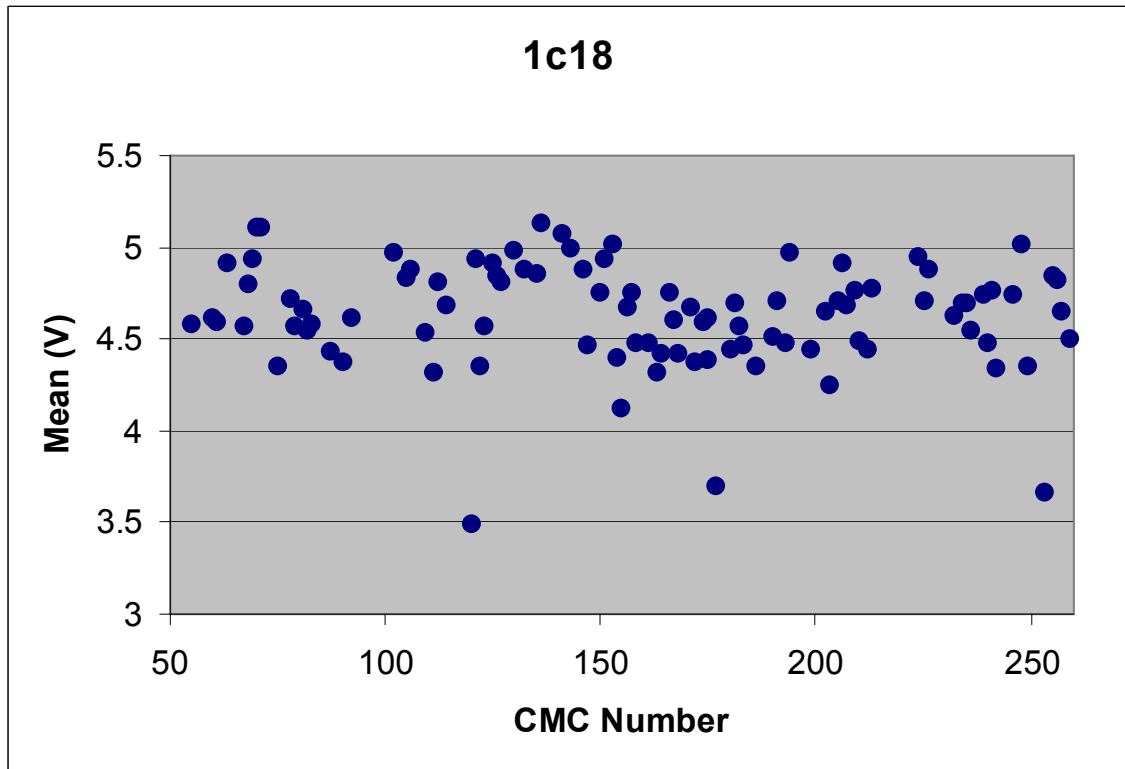


## CMC Voltage spread

The measured voltages of TDCs running under the same configuration are plotted here

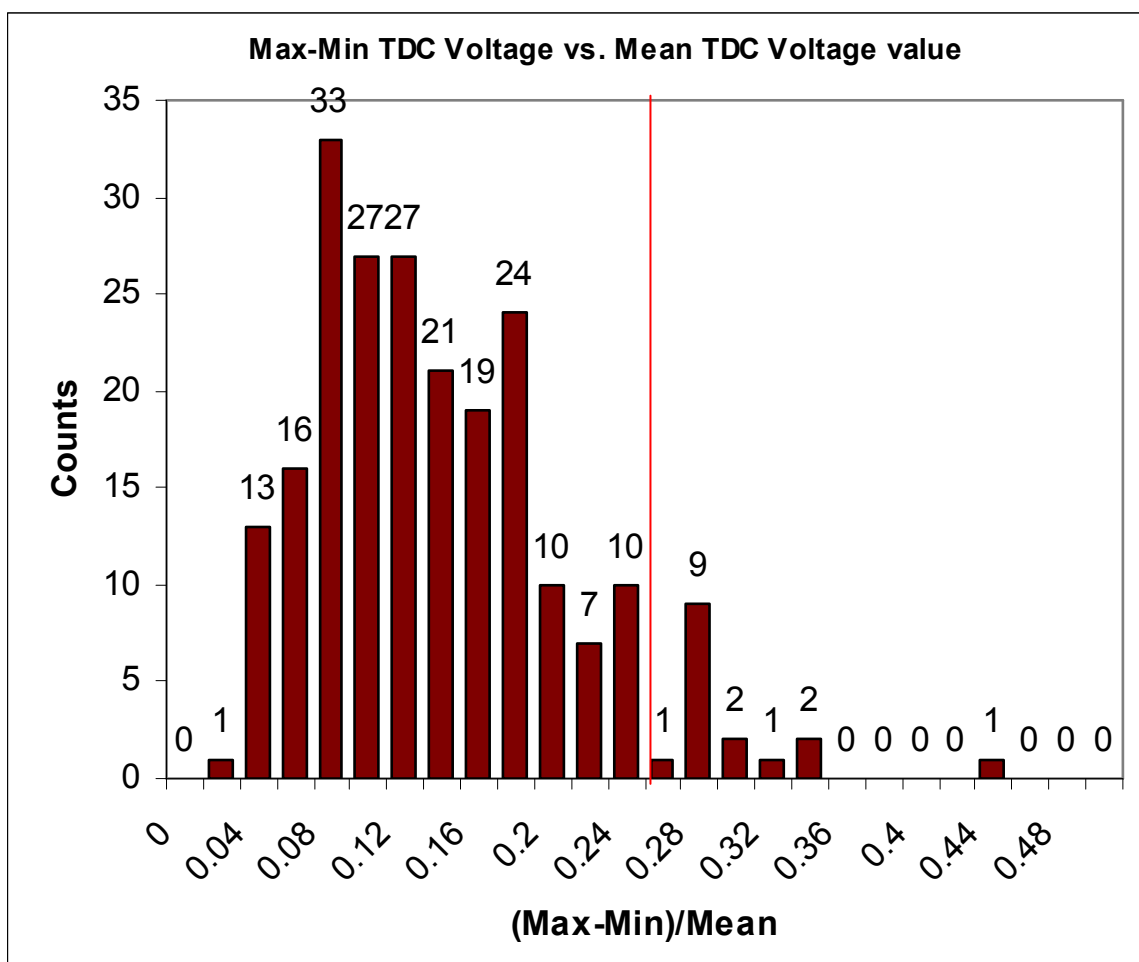


The 3 CMC including TDCs with lowest voltages have been chosen for chip substitution

## CMC Voltage measurement

A uniformity check has been performed on the 4 TDCs in the same CMC card.

The total range of the measured voltages relative to their mean is an index of the asymmetry inside the card, potentially dangerous for proper operation.



16 cards with index  $>0.24$  have been chosen for TDC test and possible substitution