- Experiment setup
  - FB BPM11 strip signals split (Weinschel resistive splitters)
  - 1 processor in ext. line in FB loop
  - 1 processor in Eel's bedroom
  - Beam moved until amplifier approached saturation to define FB range (ZV7X)
  - Range split into 7 operating positions
  - At each beam position, FB on and off data were taken with gain settings of 1000, 1500 and 1700
  - 11 pulses at each setting
  - Gain was chosen to zero bunch 3
- 357 MHz amplified to ensure high signal levels in ext. line
  - Low levels had previously caused erratic behaviour

- T-shirt plots etc. presented over the next few slides
- Bunch 3 consistently corrected
- However, sampling issues resurfaced
  - Bit errors sometimes visible in data c.f. sticky bit 3 from April



- Development of normalised position at gain = 1500 (best setting)
- Plot shows each bunch position (microns) as the strength of ZV7X is increased



- Bunch-to-bunch position correlation bunch 1 vs. bunch 2
- Poor correlation



- Bunch-to-bunch position correlation bunch 2 vs. bunch 3
- Better correlation





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