



Variation of Proton Momentum and thus the calculated RF frequency during the SPS Cycle of the June 2004 25ns Test Beams. The SPS RF frequency switches to the LHC Oscillator Frequency at the point labelled "Re-sync". TTC system distributes the LHC Oscillator signal at all times, together with the 'real' SPS orbit signal. This implies a frequency difference between the two signals outside the extraction window. Data provided by Jorg Wenninger (CERN/AB/OP)