Tracker DPG plots for VERTEX 2012

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• Delay analysis performed using 2012 data - just a few minutes of data taking sufficient to get results

• Plot showing the signal profile as a function of time delay for various parts of the tracker

• Strength of the signal depends on the sensor thickness and tracker geometry

• Distribution fitted with a Gaussian

• Peaks around zero as expected, with a width of ~13 ns
- Plot showing shift in the position of the peak of the signal for various tracker layers
- Peak shifted by about +1 ns in case of TEC-
- For the remaining parts of the tracker shift is about +0.5 ns on average
Tracker status in August 2012

The map shows the online channel status of the strip tracker in August 2012. The map is illustrative and does not constitute a measurement of any kind.

Active, Masked, Not Commissioned