

## Test Beam Measurements with 3D-ddtc Silicon Strip Detectors

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3D double-sided double type column (ddtc) detectors were measured in a test beam at the CERN SPS in 2008. It was performed in the framework of RD50 and CMS and was provided by the University of Helsinki. The CMS silicon beam telescope and CMS tracker readout electronics were utilised.

This talk focuses on a device under test produced by FBK-IRST (Trento). The current status of the analysis, which is done in collaboration with groups from Glasgow and Helsinki, is presented. The results comprise studies on spatially resolved charge collection and efficiency. A comparison with results obtained for 3D-stc (single type column) strip detectors shows the differences of the properties of the two designs.

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