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Test beam measurements of irradiated CVD diamond

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Several CVD diamond detectors irradiated up to fluence of $5{\cdot}10^{15}$ protons/cm^2 were tested with a 180 GeV pion beam at the Northern Area at CERN in 2018. The main objective was to observe the effect of irradiation on the signal amplitude spectrum with electronics designed for timing purposes.
Many of the detectors were attached to the front-end electronics with a bond- and glue-less method.

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