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HVCMOS pixel characterization with the RBI Microprobe

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Where we present the characterization of the HVCMOS MPW2 chip pixel matrix using the ion microprobe station at the RBI 1 MV Tandatron accelerator with protons at 2 MeV. The proton beam spot (most probable area of impact) was around 30 μm^2 , small enough to scan pixel by pixel the whole pixel matrix and with energy low enough to avoid SEE effects.

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