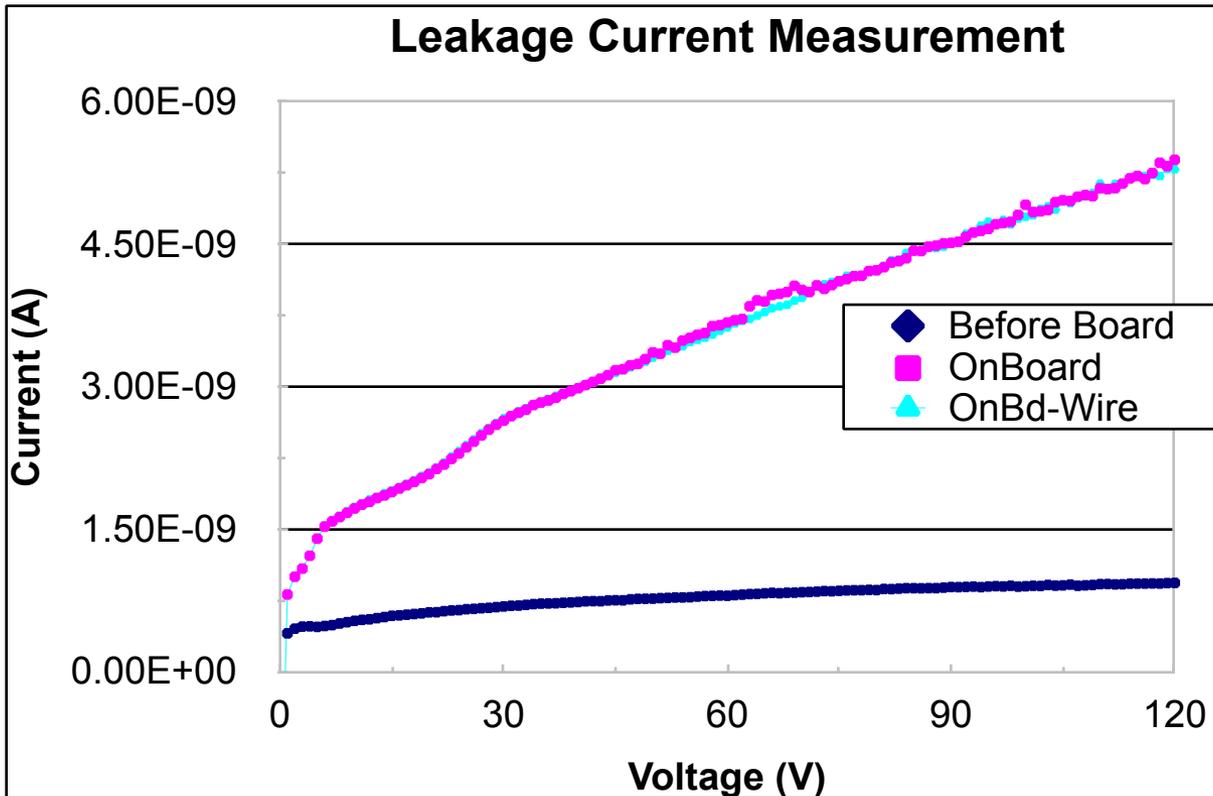
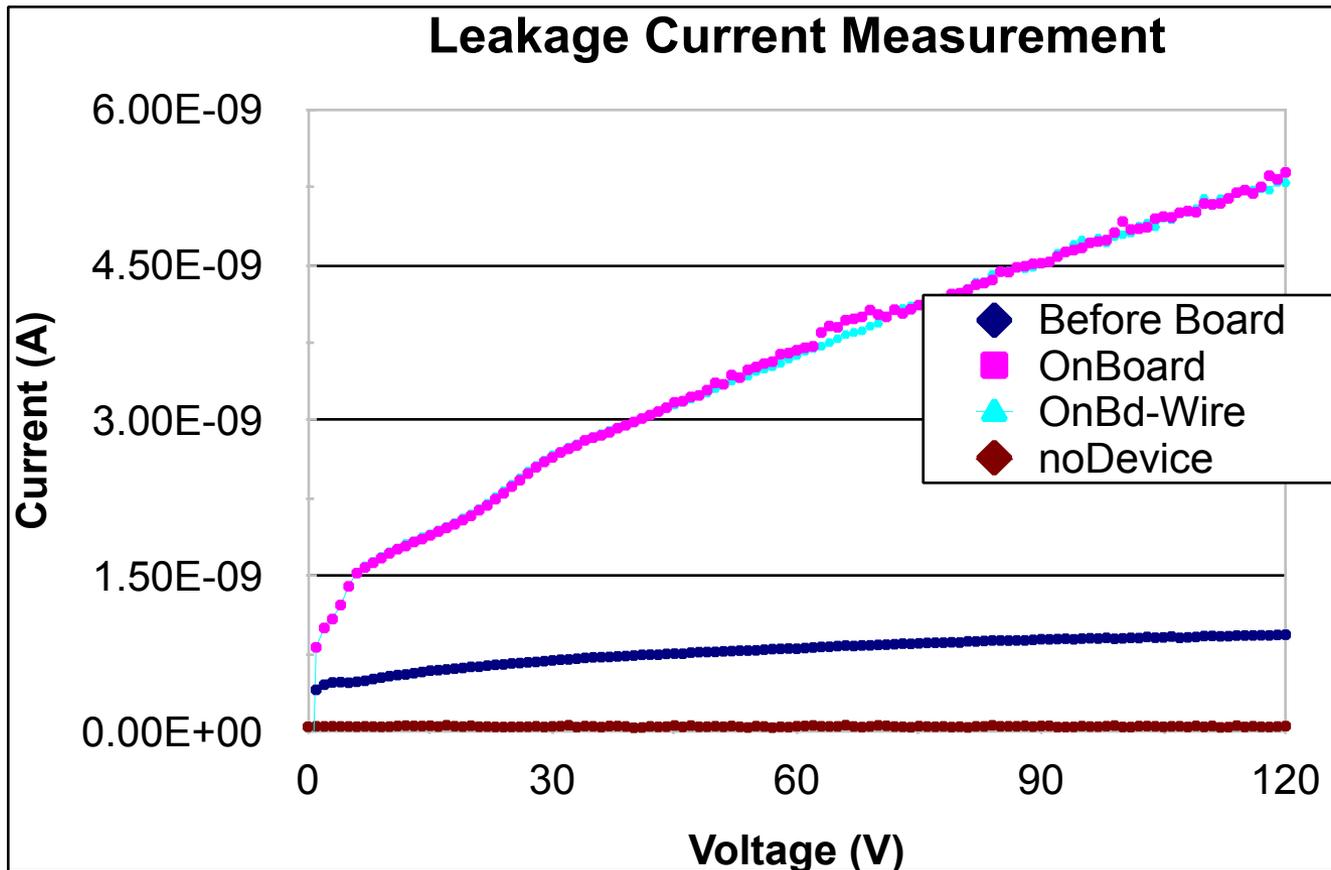


Test CNI 1mm Detector

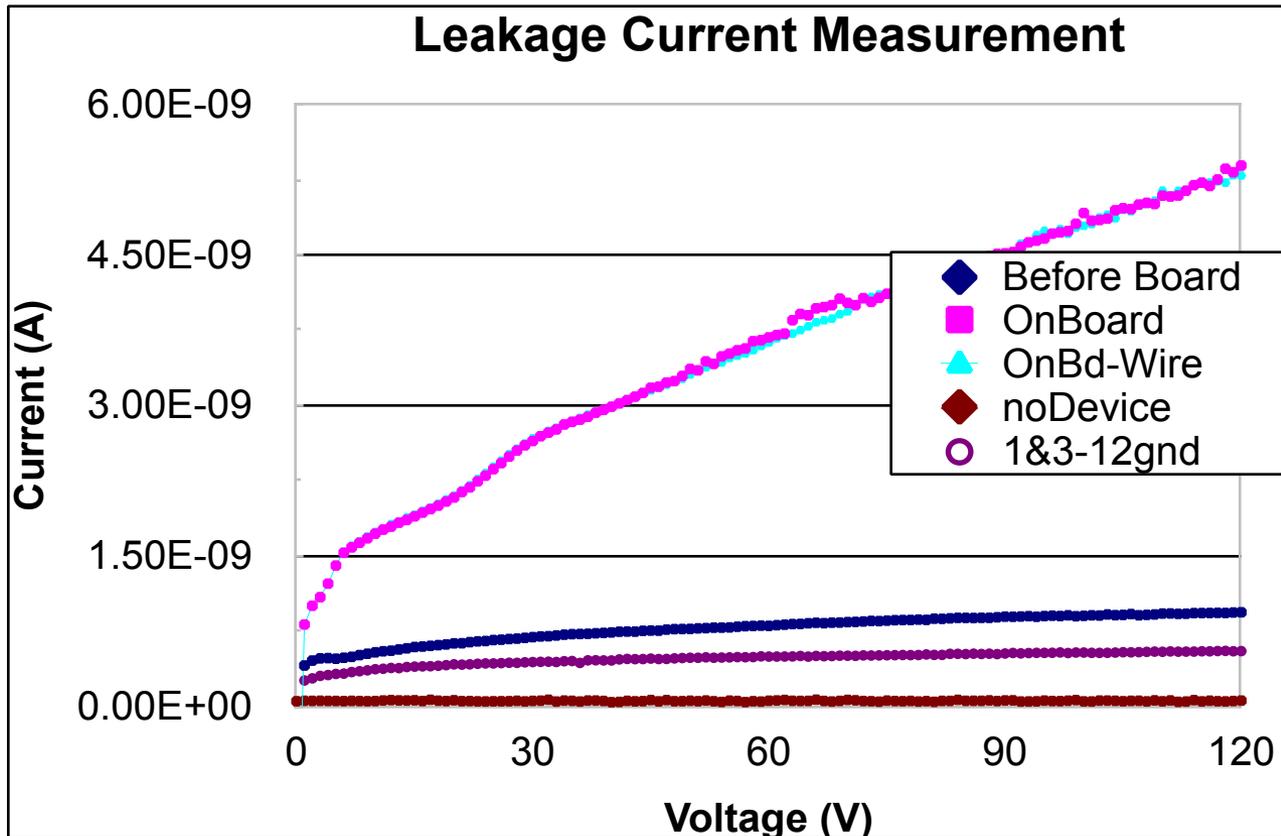
Wei Chen and Rolf Beuttenmuller



There is increase in leakage current after mounting on the board.
Suspicious: the neighbor strips are not grounded.
The leakage current is still in nanoampere range though.



When there is no device mounted on the board, there is no current.



While all non-tested strips are grounded to common ground as guard ring grounded on the board, the leakage current is the lowest. Hypothesis proved!
 Because all non-tested strips are grounded, and all the grounds are common., so that there is no surface current contribute to leakage.