

QUAD testing

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New Quads

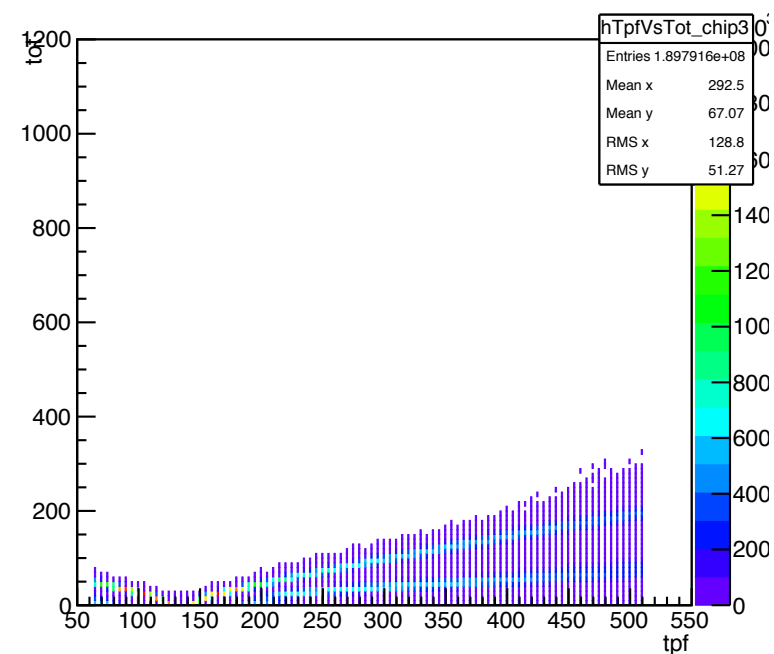
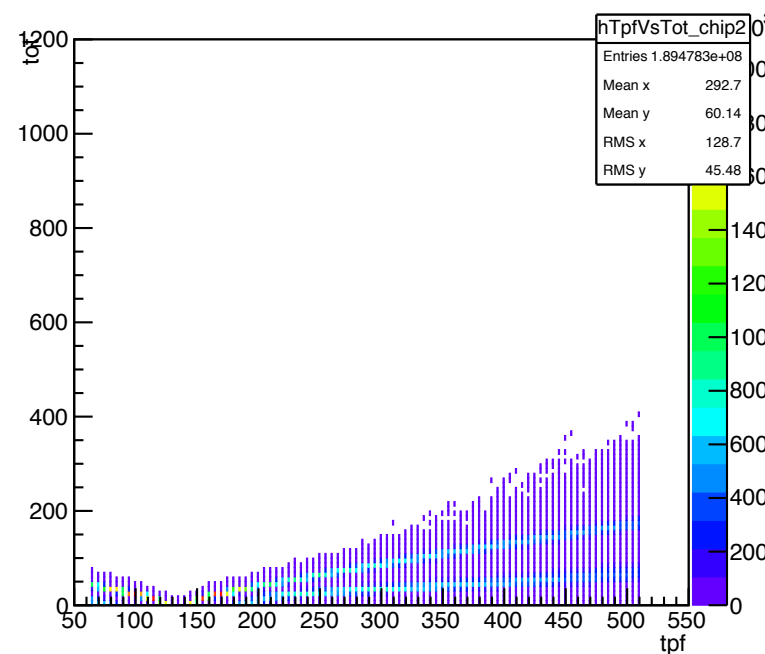
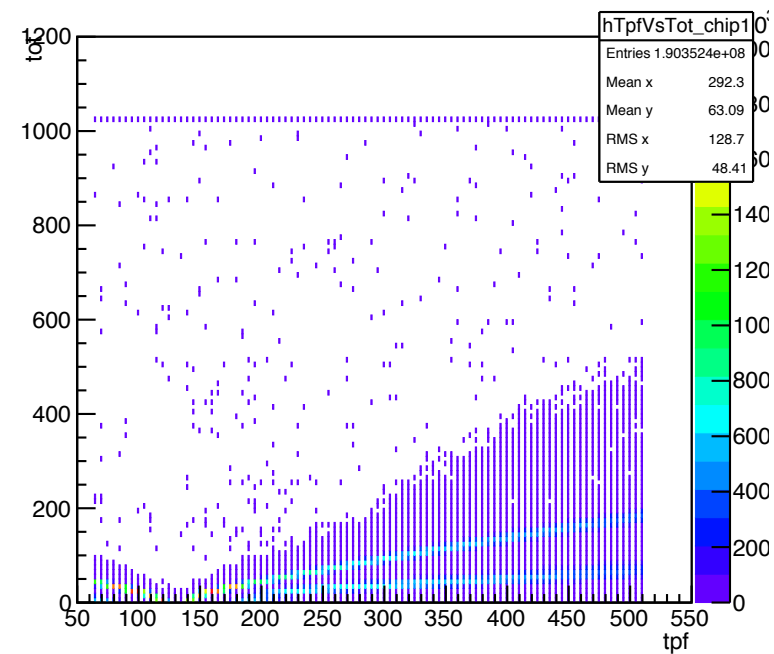
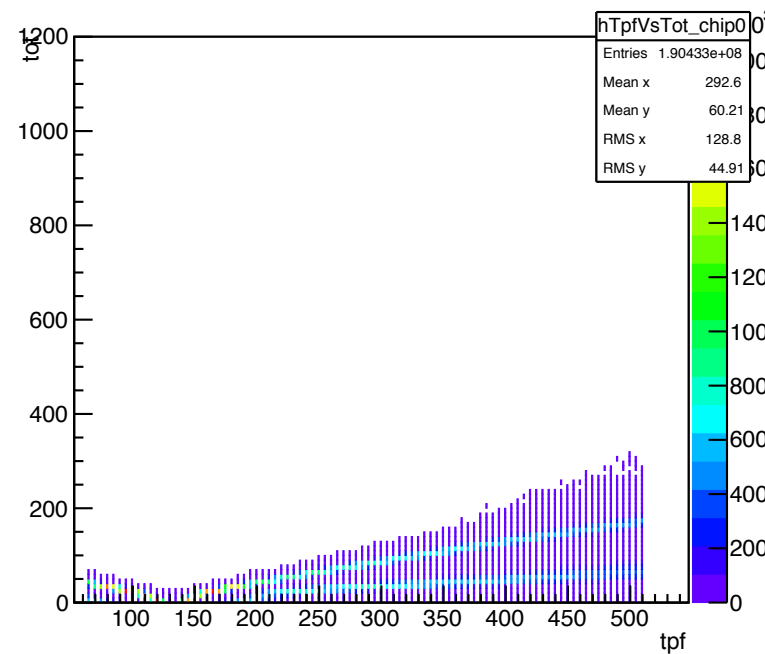
- Quads 12 to 24 tested
 - can the QUAD be read out?
 - does equalisation give good results?
- Quad 14 only two chips accessible
- Quad 18 not functioning at all

test pulse QUAD11

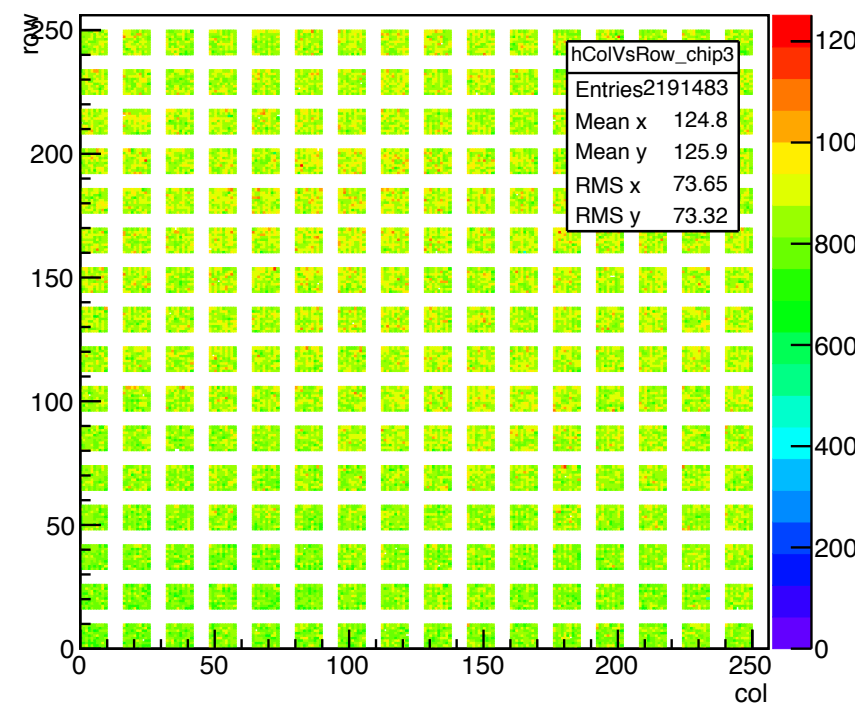
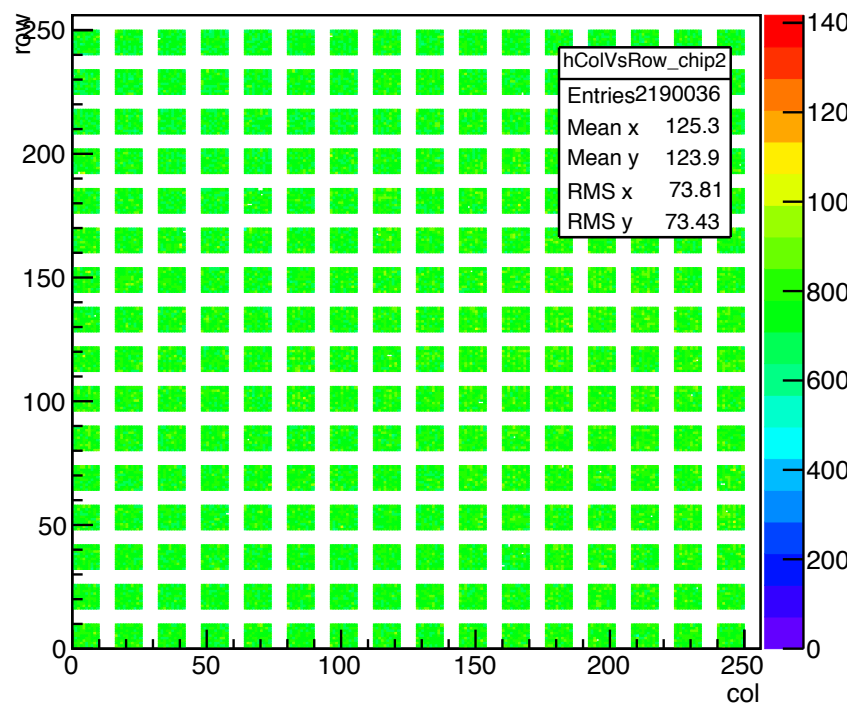
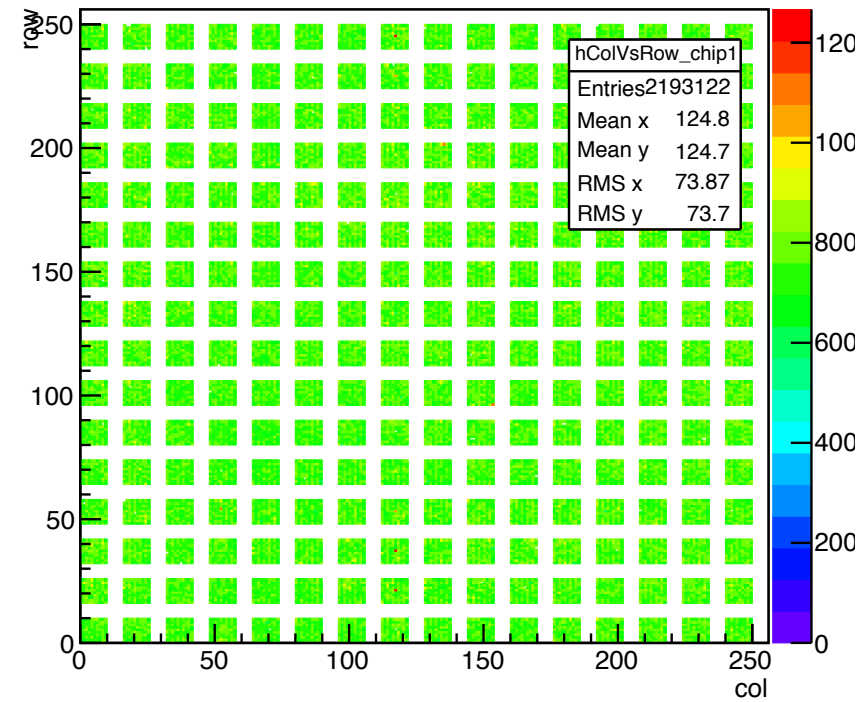
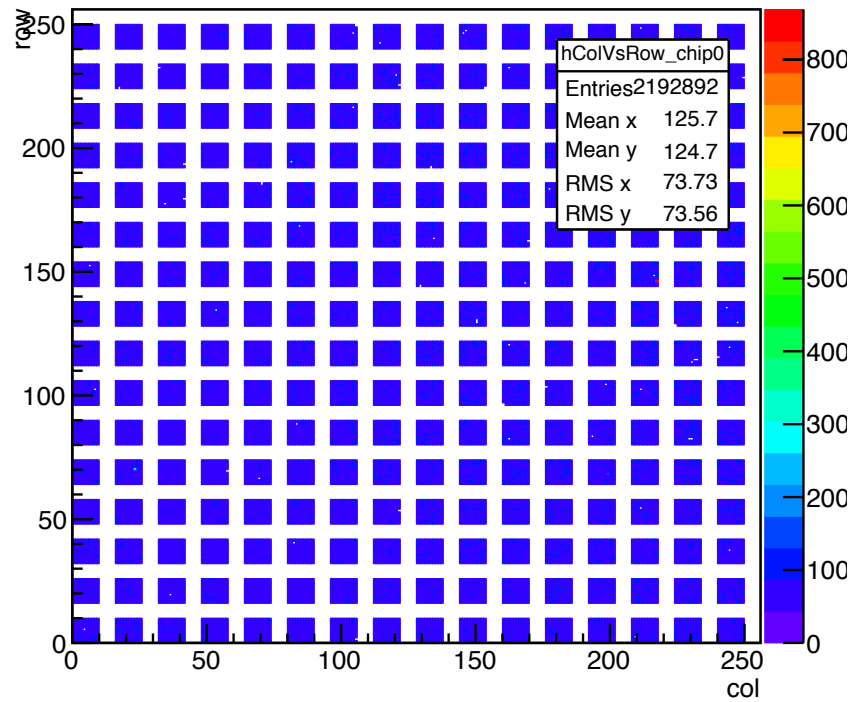
- QUAD can be operated in two polarities.
- polarity setting of equalisation and of test pulse have to match
- repeated the test pulse measurement with EMIN (previously HPLUS) and spacing = 16

Test pulse (tpf) vs Time over Threshold (ToT)

- Still some unexpected behaviour (e.g. chip 1)



ToT for tpf = 404



Col vs ToT for tpf = 404

