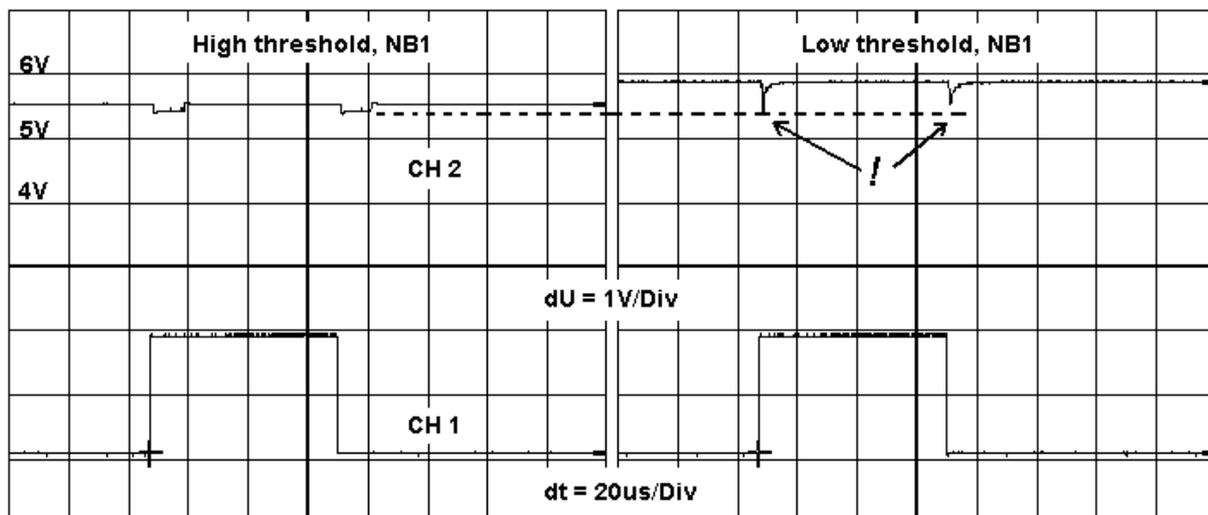


Picture 2: Bottom of KNC2 with the new capacitor



Picture 3: Oszillograms at emitter of Q2 BEFORE MODIFICATION

Upper trace: Emittervoltage at Q2; Lower trace: Input-„noise“ with ns-pulsegenerator
 Left: High threshold; Right: Low threshold BEFORE MODIFICATION

Note:

This modification is not the best solution for the described problem, but it's a good compromise. The emittervoltage of Q2 should be DC-stabilized and not only AC-stabilized by a C as proposed here - but this would require a new design of the circuit, which could only be done by Elecraft.

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www.elecraft.com

www.qsl.net/la3za/k2/mod.html