

This seems tob e a typical signal from the HX711:

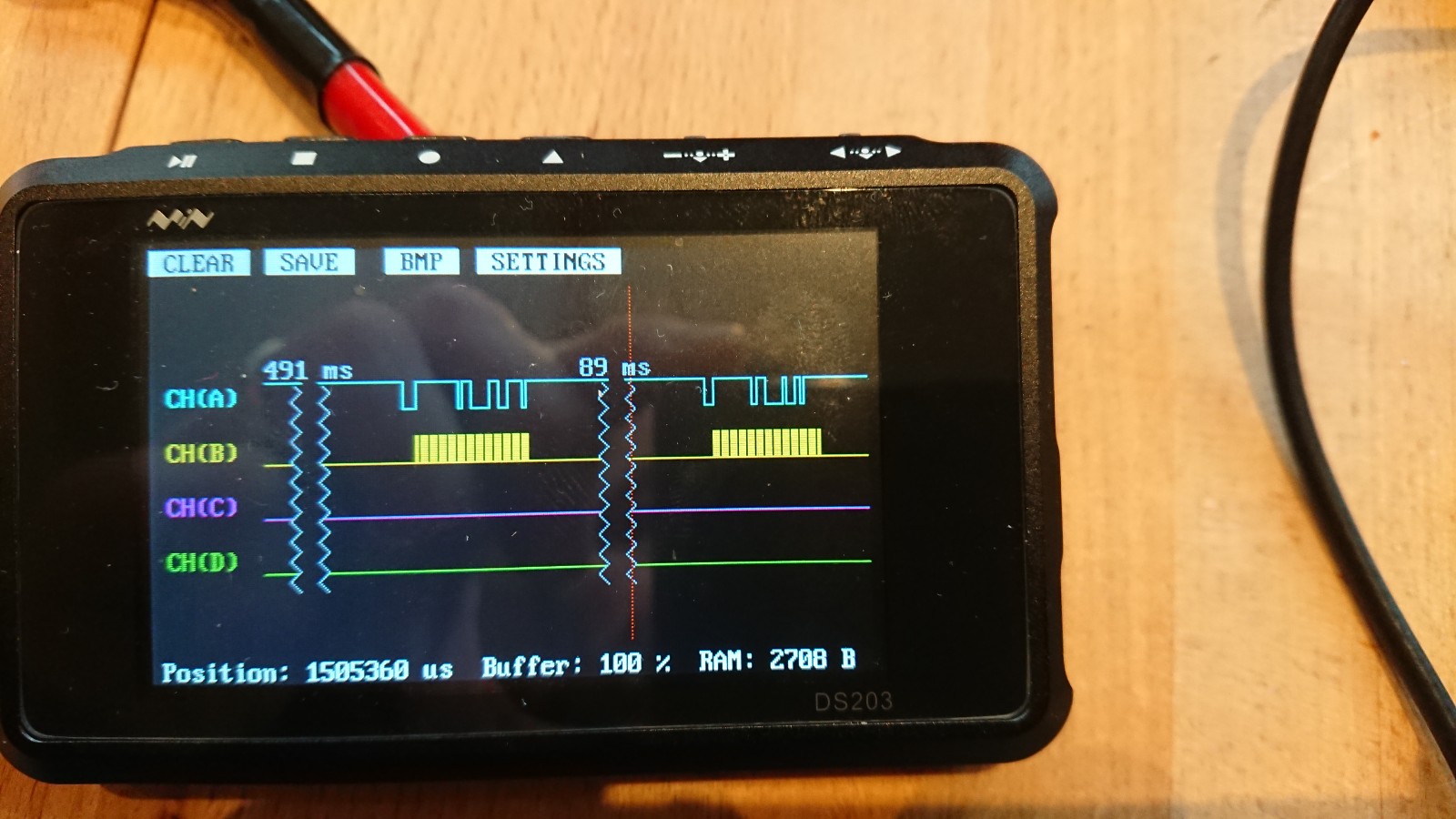
DOUT (blue) goes low, saying data is ready, then PD SCK is pulsed to see the data at DOUT

OK, works nicely, made some stupid errors: 1) swapped DOUT and SCK, nevermind

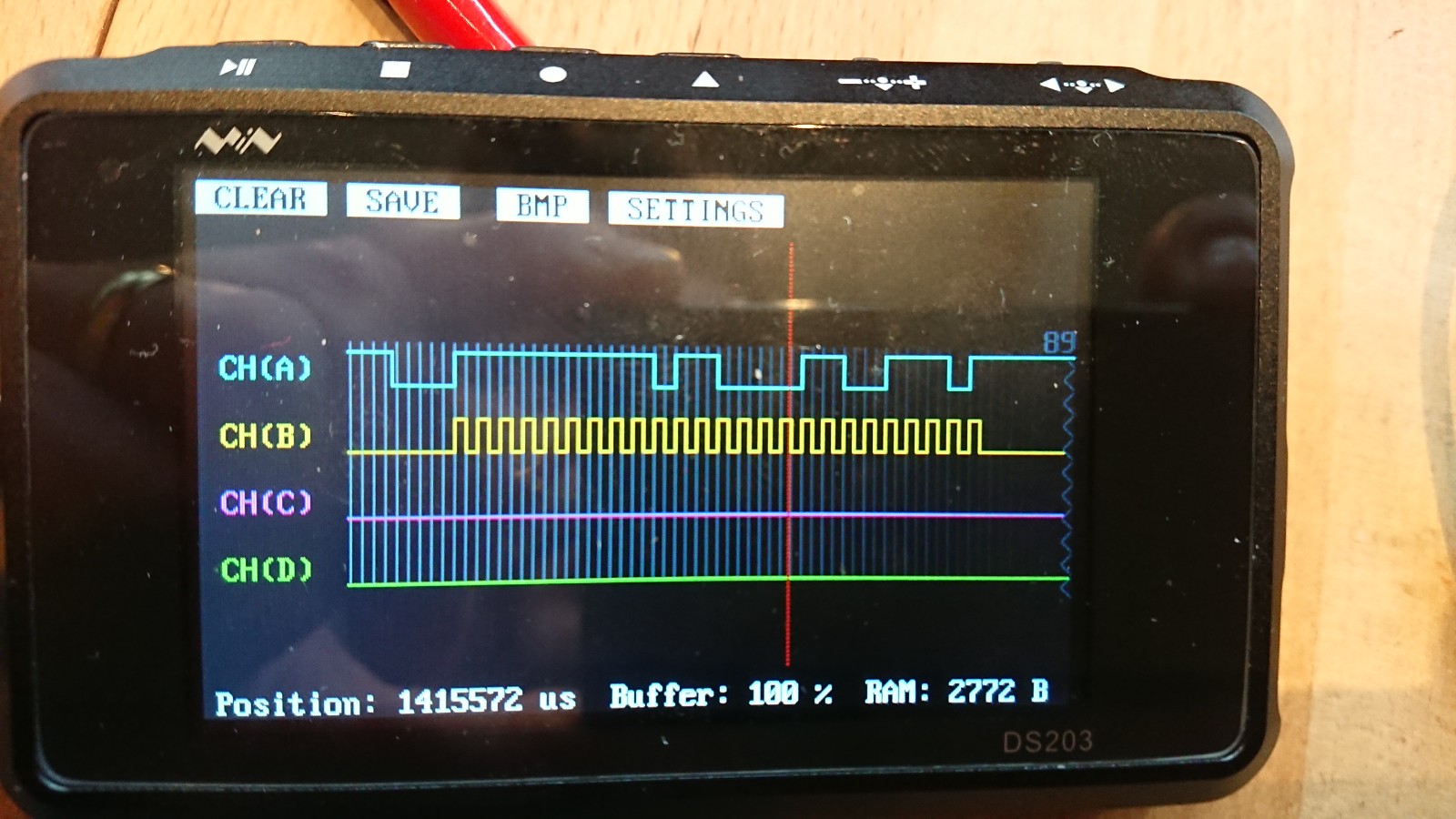
2) installed the RMT TX channel using rmt\_driver\_install

Which is at at odds with having your own interrupt.

For debugging purposes I have reduced the RMT pulse unit to 1 us and use pulses of length 10 ie 10us

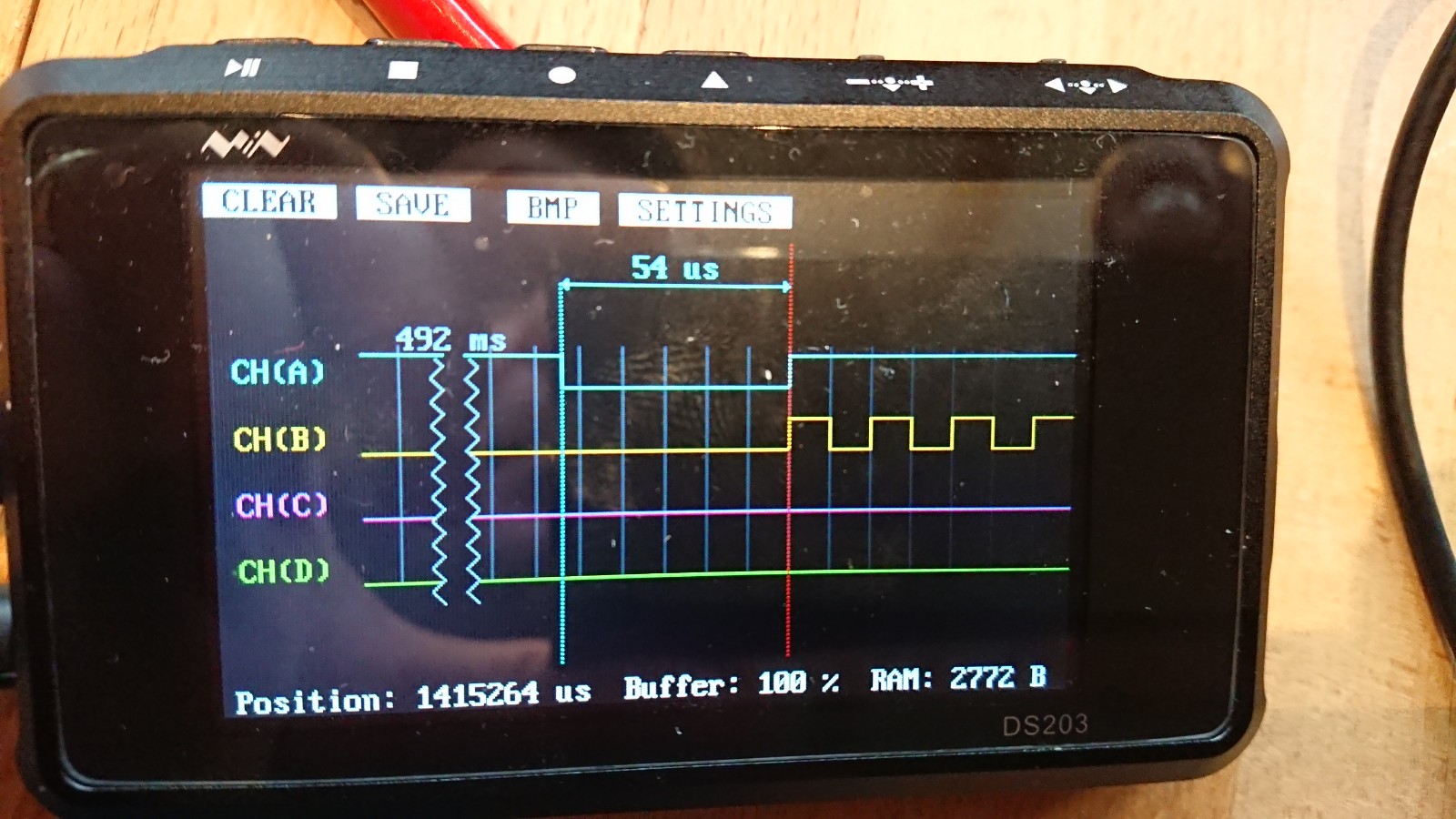


Nice reading every 90ms equals SPS of about 10



Nice strobe signal (yellow) and nice response (blue) on DOUT

Latency between falling edge of DOUT (data ready) is about 54 us



BUT this is using the slow timing for debugging. Let’s see how fast we can go: