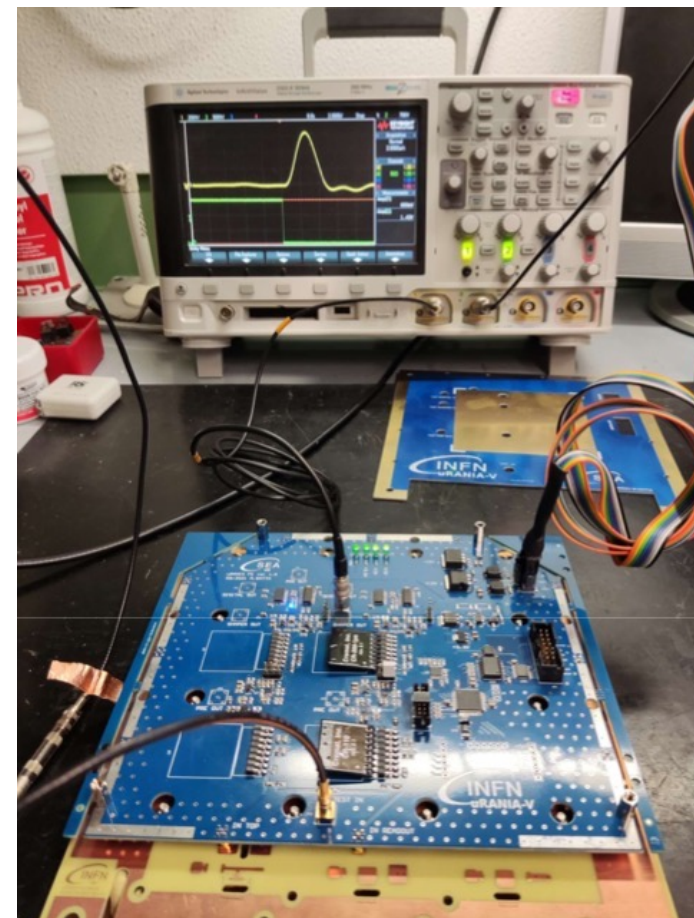
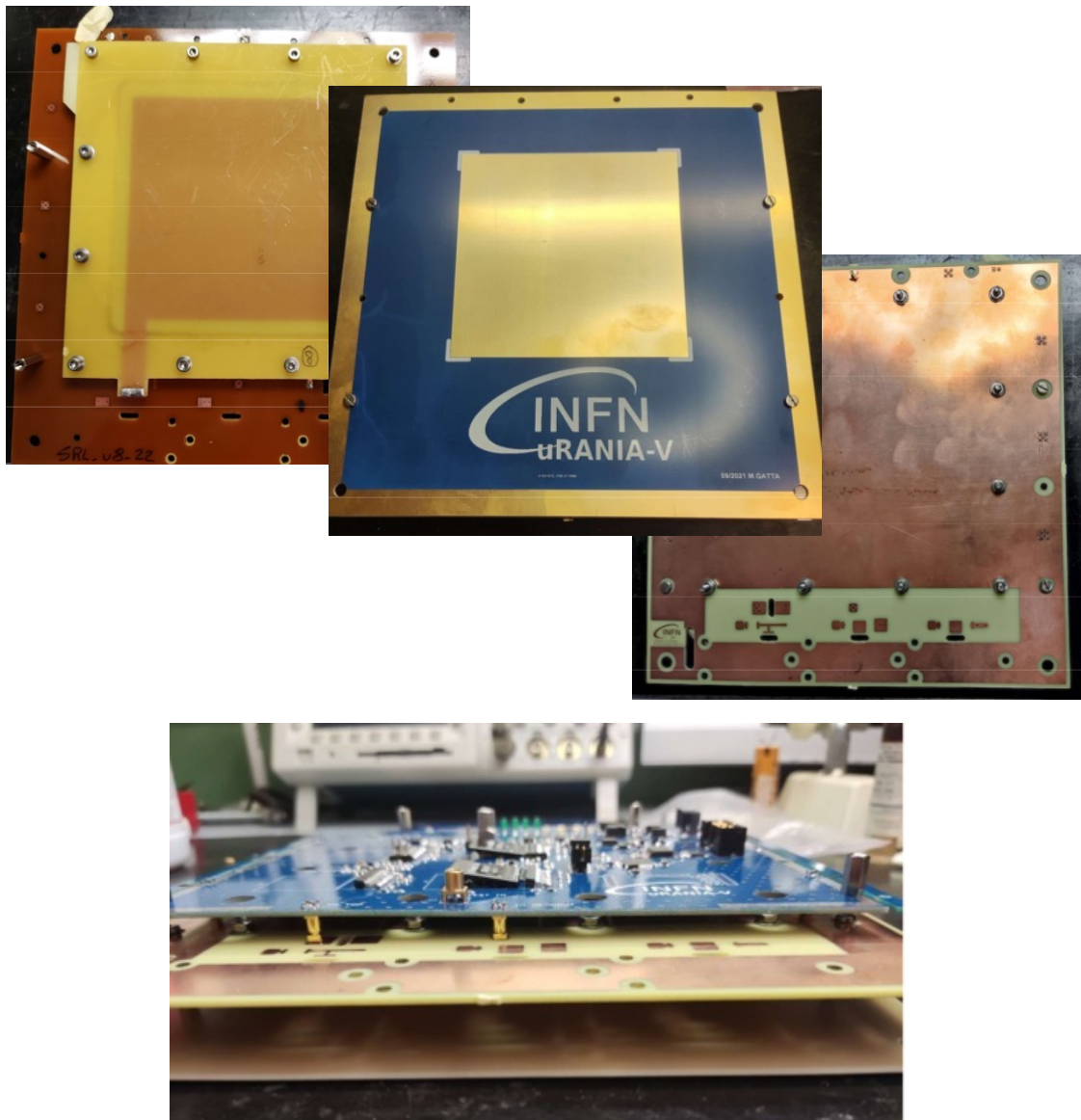


ASSEMBLING



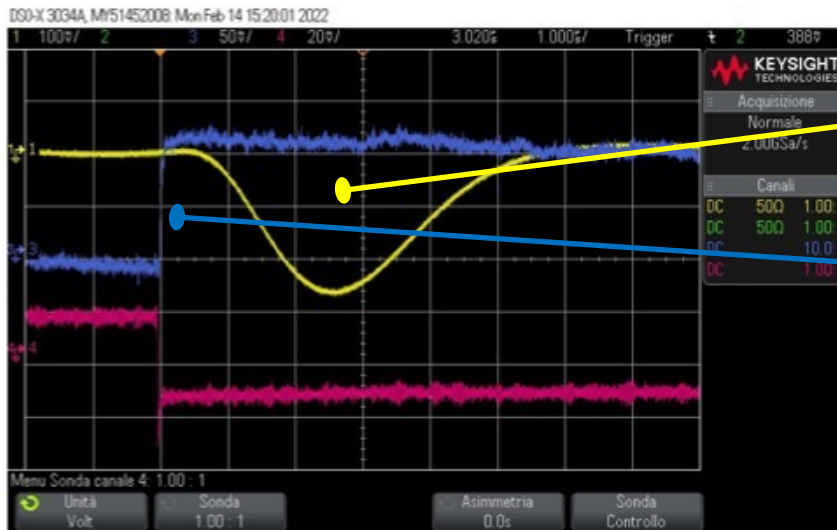
MAIN FEATURES

MAIN FEATURES (ANALOG SECTION)

- CR-110 + CR-200 1 μ s
- Gain $\approx$ 2 mV/fC (less than expected)
- Q_{IN} SAT $\approx$ 4 pC
- Input Noise $\approx$ 1.5 fC (measured - rms)
- CR110 input noise $\approx$ 4 erms/pF x 2nF ** $\approx$ 1.3 fC

** TOP - PAD capacitance

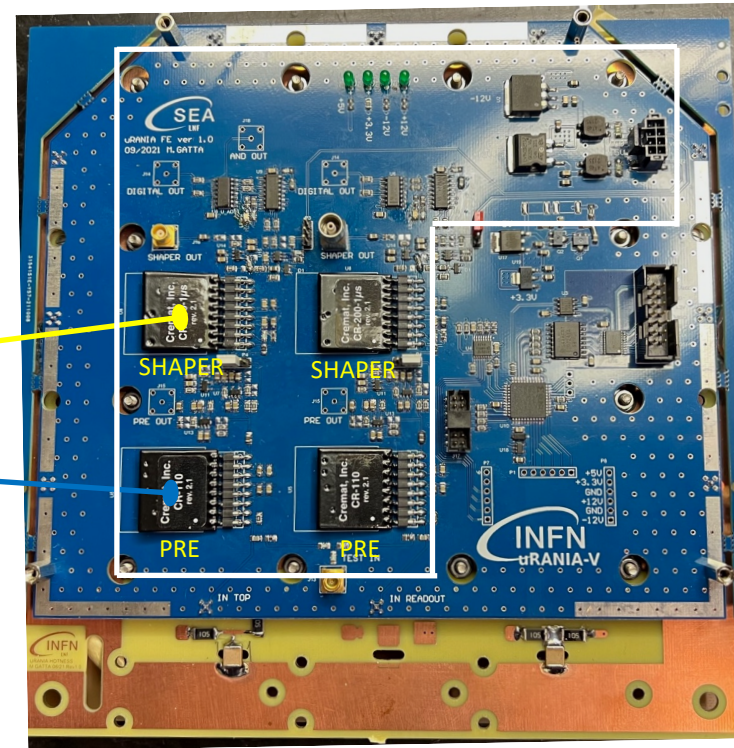
NB: FWHM = 2.4 x Shaping Time



STATUS

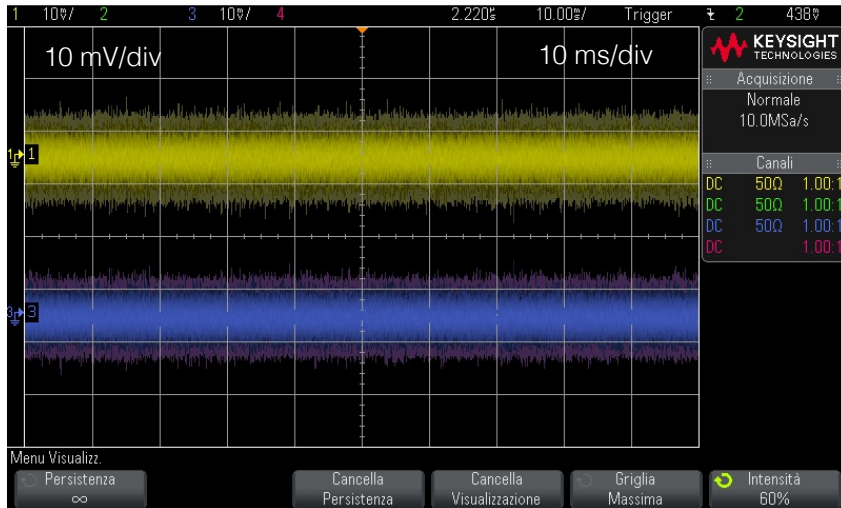
- One board assembled
- Components available for (further) 5 boards
 - Missing: Lemo/TOP capacitor **
- Still to test the digital section

**100nF/1 μ :

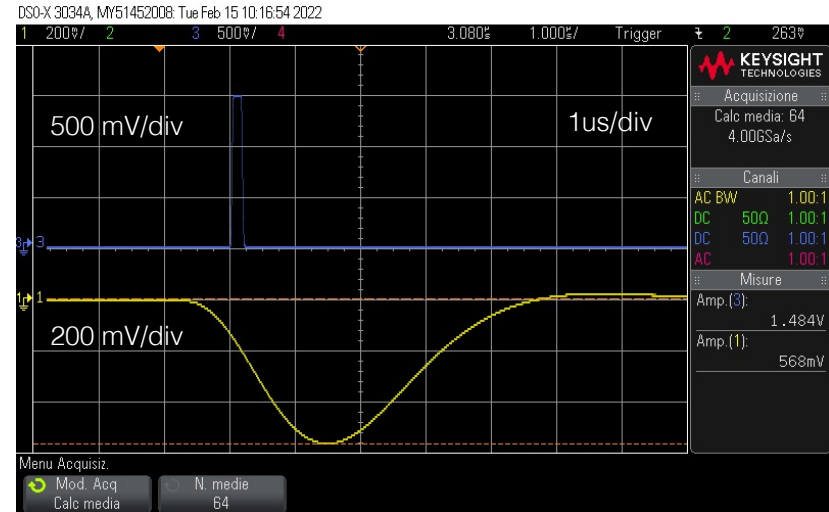


INPUT/OUTPUT SIGNALS

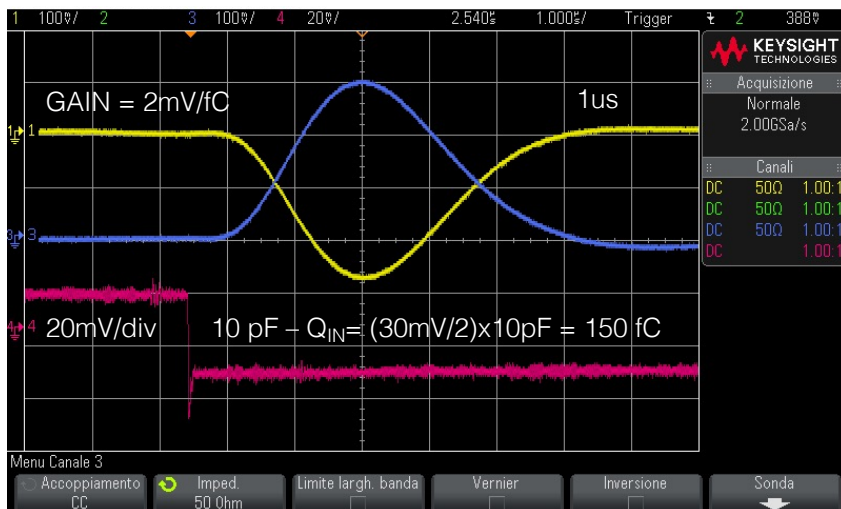
NOISE: NO HV CABLE/CONNECTOR



DISCRIMINATOR OUT



SELECTABLE OUTPUT POLARITY



PRE/SHAPER OUT

