

$$\varphi = \tan^{-1} \left(\frac{v_{im}}{v_{re}} \right)$$

Where :

- for echo, $v = \text{trapz}(yfit)$
- for rabi, $v = yfit \text{ Amplit.}$

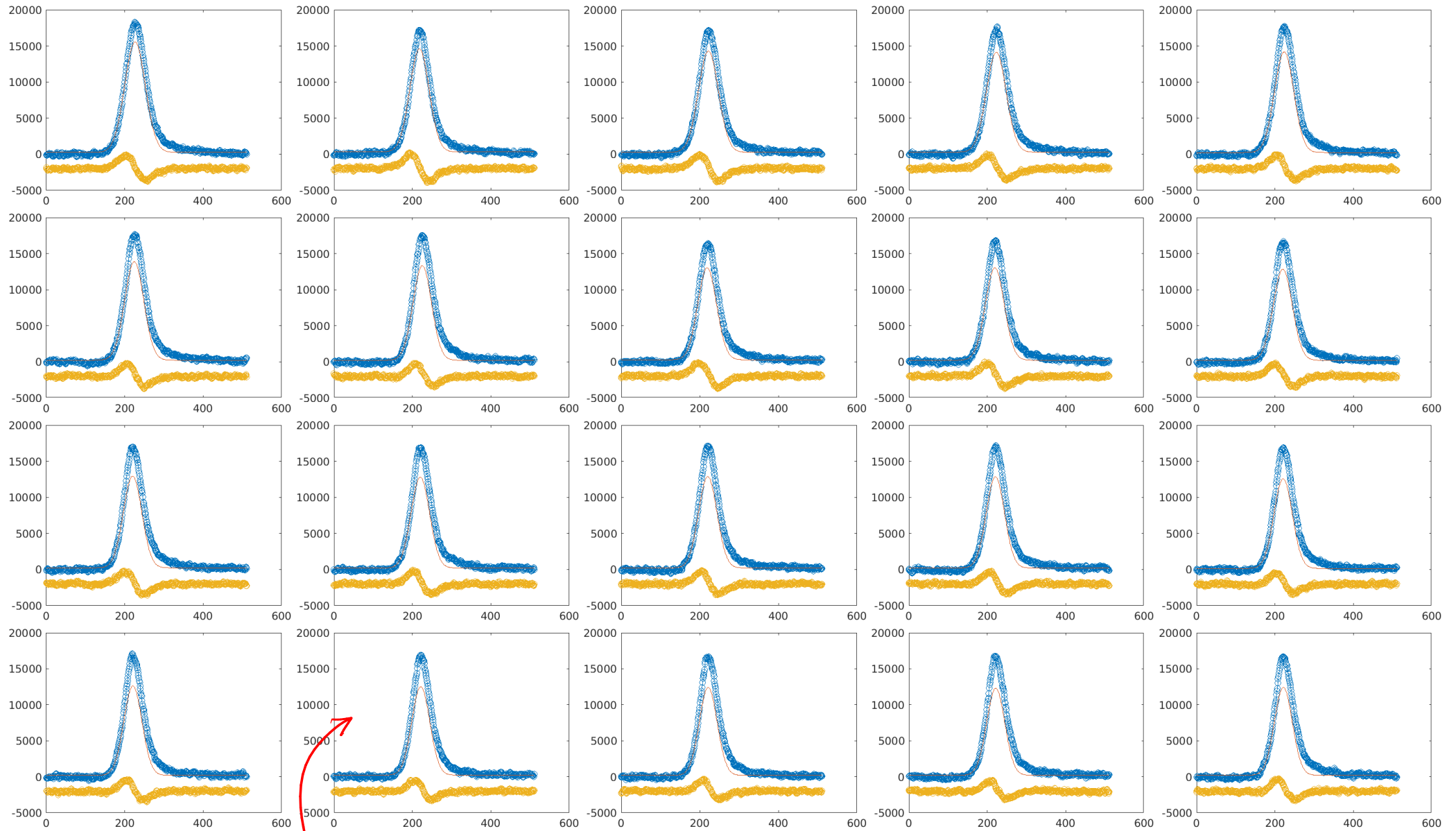
$$\text{Magnitude} = \sqrt{v_{im}^2 + v_{re}^2}$$

this influenced the magnitude due to a change of optimal turning angle, amplitude and bandwidth of pulse happening simultan.

The experiment was conducted with the following pulse lengths ↗

- constant $t_{\pi} = 80 \text{ ns}$ for the first ~ 15 meas.
- decreasing t_{π}
- constant $t_{\pi} = 10 \text{ ns}$ for the last measurements

PHASE CORRECTED ECHOES



fit is not the best anymore