Below is a description of experimental details.

THz radiation, $\lambda = 148 \, \mu m$, 100 ns, single pulses

- Left handed polarized radiation
- Right handed polarized radiation

(001)-grown GaAs QW, normal incidence

Signal from the sample referenz detector

200 ns/div

Indicator of the magnetic field direction

$\lambda/4$ - plate
\[ \ell_X \rightarrow (001) \text{ GaAs QW} \quad \text{Osci.} \]

\[ B_X \quad \sigma^+ \]
(001) GaAs QW

$\sigma^-$

$B_x$

$j_x$