*B<sub>drift</sub>*, systematic effects 1.25  $\overline{hfs} - hfs = -20 \text{ kHz}$  $\overline{hfs} - hfs = -10 \text{ kHz}$  $\overline{hfs} - hfs = -5 \text{ kHz}$ 1.00  $\overline{hfs} - hfs = +0 \text{ kHz}$  $\overline{hfs} - hfs = +5 \text{ kHz}$  $\overline{hfs} - hfs = +10 \text{ kHz}$ 0.75  $\overline{hfs} - hfs = +20 \text{ kHz}$ <u>hfs<sub>measured</sub> – hfs</u> [kHz]  $B_{drift} = 72kHz$ 0.50 0.25 0.00 -0.25-0.5020 60 80 100 magnetic field drift [kHz/h]