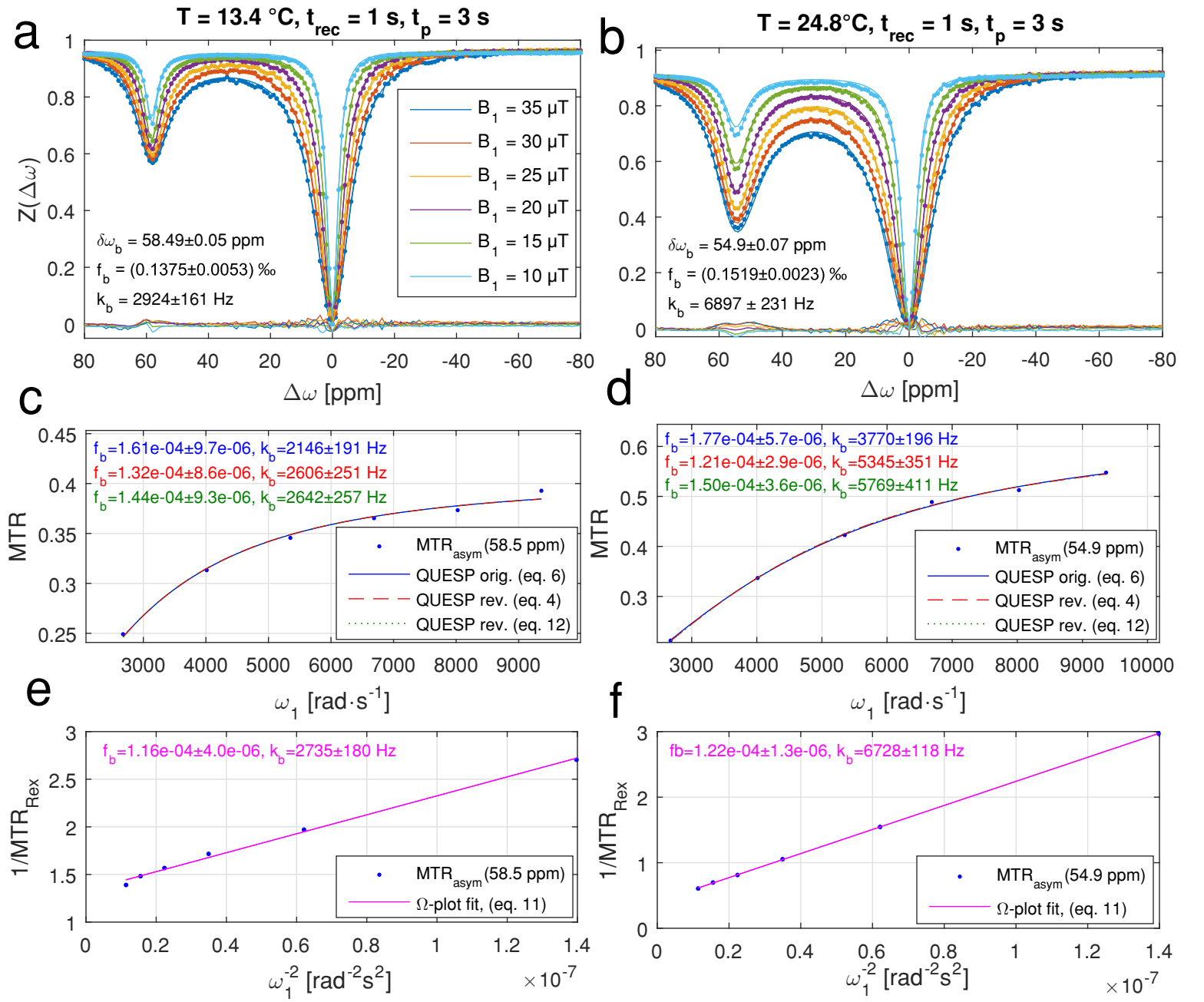
a
T = 13.4 °C, t_rec = 1 s, t_p = 3 s
B_1 = 35 µT
B_1 = 30 µT
B_1 = 25 µT
B_1 = 20 µT
B_1 = 15 µT
B_1 = 10 µT
δω_b = 58.49±0.05 ppm
f_b = (0.1375±0.0053) ‰
k_b = 2924±161 Hz
Z(Δω)
Δω [ppm]
b
T = 24.8°C, t_rec = 1 s, t_p = 3 s
δω_b = 54.9±0.07 ppm
f_b = (0.1519±0.0023) ‰
k_b = 6897 ± 231 Hz
Δω [ppm]
c
f_b=1.61e-04±9.7e-06, k_b=2146±191 Hz
f_b=1.32e-04±8.6e-06, k_b=2606±251 Hz
f_b=1.44e-04±9.3e-06, k_b=2642±257 Hz
MTR
MTR_asym(58.5 ppm)
QUESP orig. (eq. 6)
QUESP rev. (eq. 4)
QUESP rev. (eq. 12)
ω_1 [rad·s^-1]
d
f_b=1.77e-04±5.7e-06, k_b=3770±196 Hz
f_b=1.21e-04±2.9e-06, k_b=5345±351 Hz
f_b=1.50e-04±3.6e-06, k_b=5769±411 Hz
MTR
MTR_asym(54.9 ppm)
QUESP orig. (eq. 6)
QUESP rev. (eq. 4)
QUESP rev. (eq. 12)
ω_1 [rad·s^-1]
e
f_b=1.16e-04±4.0e-06, k_b=2735±180 Hz
1/MTR_Rex
MTR_asym(58.5 ppm)
Ω-plot fit, (eq. 11)
ω_1^-2 [rad^-2s^2]
×10^-7
f
fb=1.22e-04±1.3e-06, k_b=6728±118 Hz
1/MTR_Rex
MTR_asym(54.9 ppm)
Ω-plot fit, (eq. 11)
ω_1^-2 [rad^-2s^2]
×10^-7