

NMR data processing software

Delta

NMR Software

v5.0



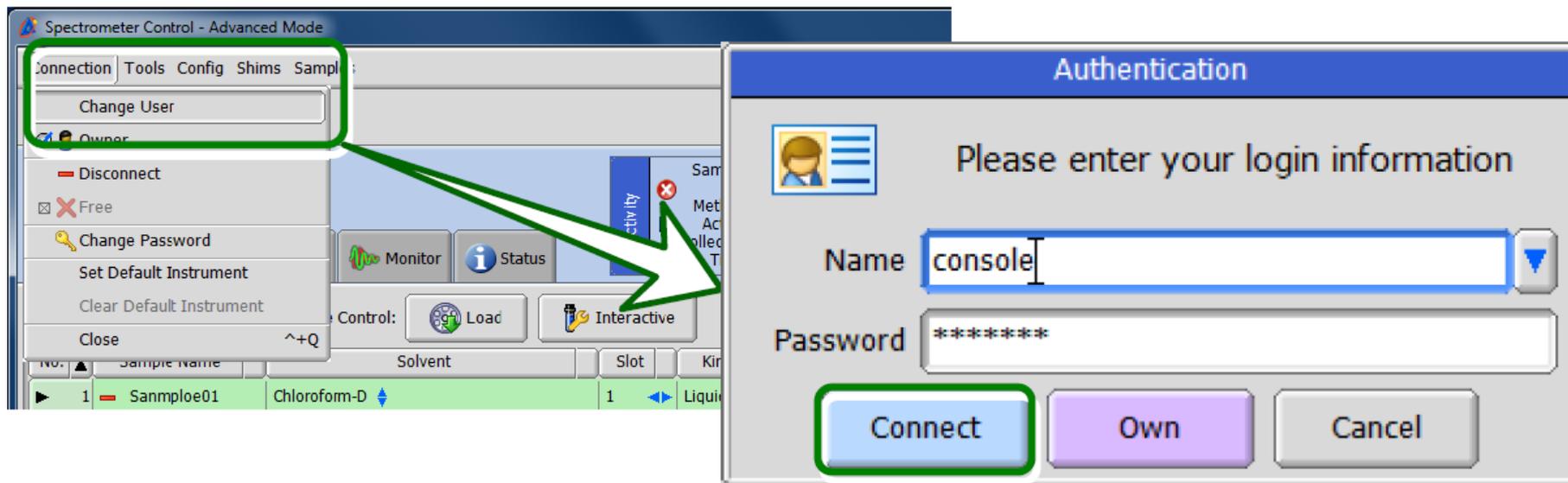
场图校准操作说明



场图校准（一般一年做一次）

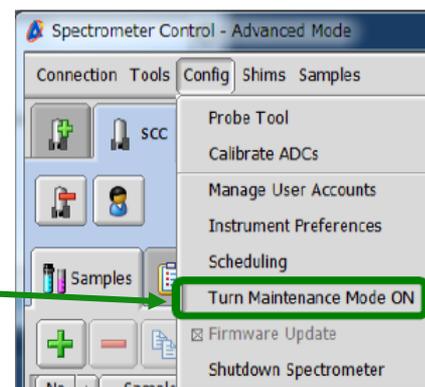
匀场差不多后用 CHCl_3 in Aceton_d6 标样做场图校准，不可用待测样品

➤ 第一步：切换用户delta→console



➤ 第二步：选择Config_Turn Maintenance Mode ON

点击此处



场图校准

- 第三步：打开样品设置中的Interaction，再点击按钮



使用默认值即可

System Type: Homospoil
Nucleus: 2H
Solvent: Chloroform-D

Shim	Excursions
<input checked="" type="checkbox"/> Z1	6[Hz]
<input checked="" type="checkbox"/> Z2	6[Hz]
<input checked="" type="checkbox"/> Z3	6[Hz]
<input checked="" type="checkbox"/> Z4	6[Hz]
<input checked="" type="checkbox"/> Z5	2[Hz]
<input checked="" type="checkbox"/> Z6	2[Hz]

Scans: 4
Points: 256
X Sweep: 2[kHz]
X Offset: 7.26[ppm] Calculate
Recvr Gain: 20 Calculate
Tau-D: 4[ms]
Tau-P: 0.2[us]
Delta Tau-P: 100[ms]
Tip Angle: 90[deg]
Relax Delay: 2[s]

Ernst Calculator

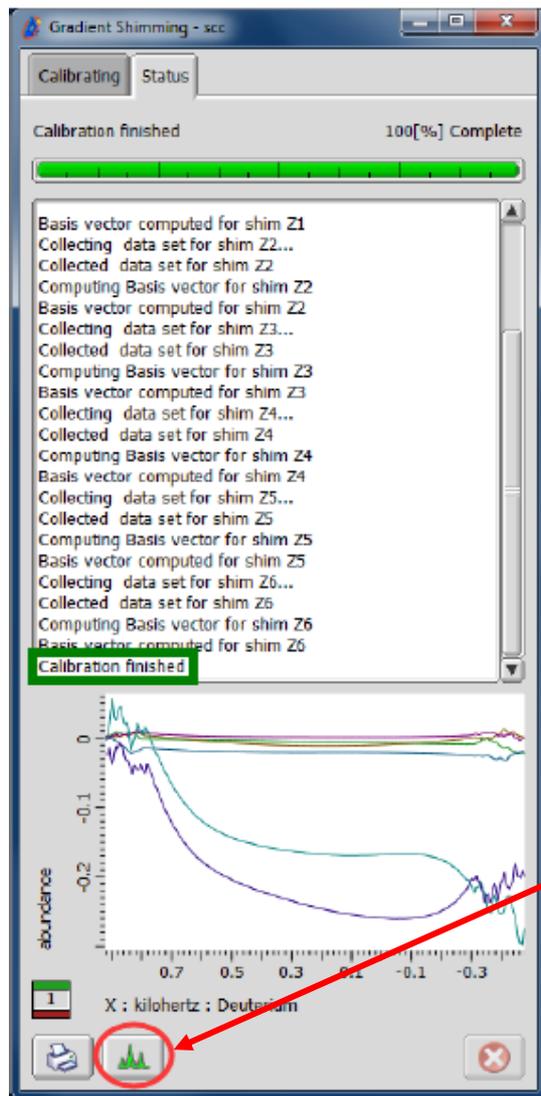
Start Calibration

CHCl₃ in Aceton_{d6} 标

样用 10s

场图校准

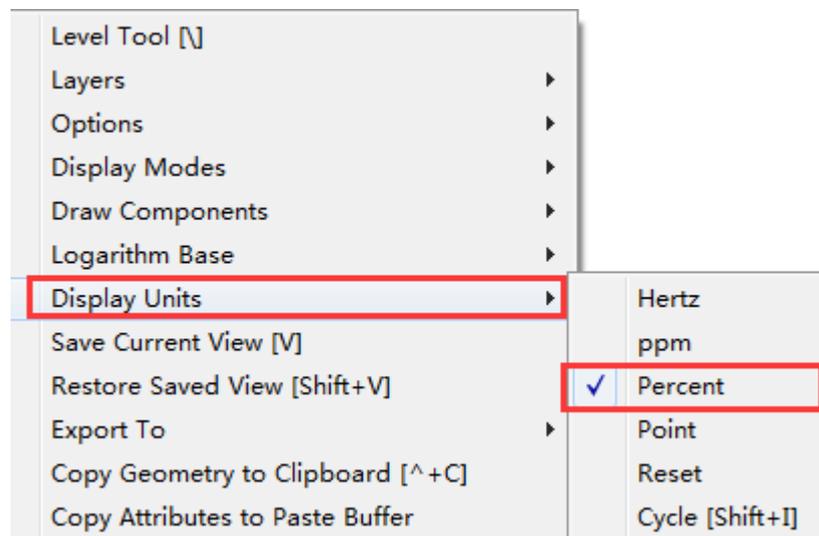
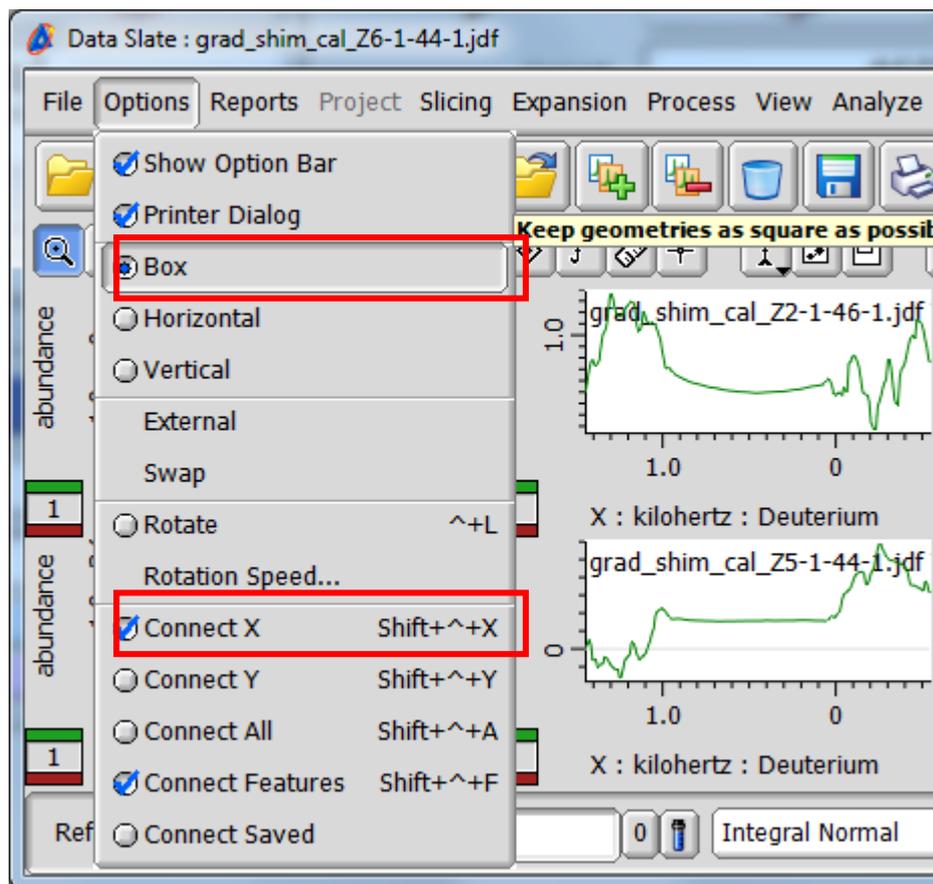
- 第四步：点击Start Calibration开始自动校准



校准完成，点击此处打开场图

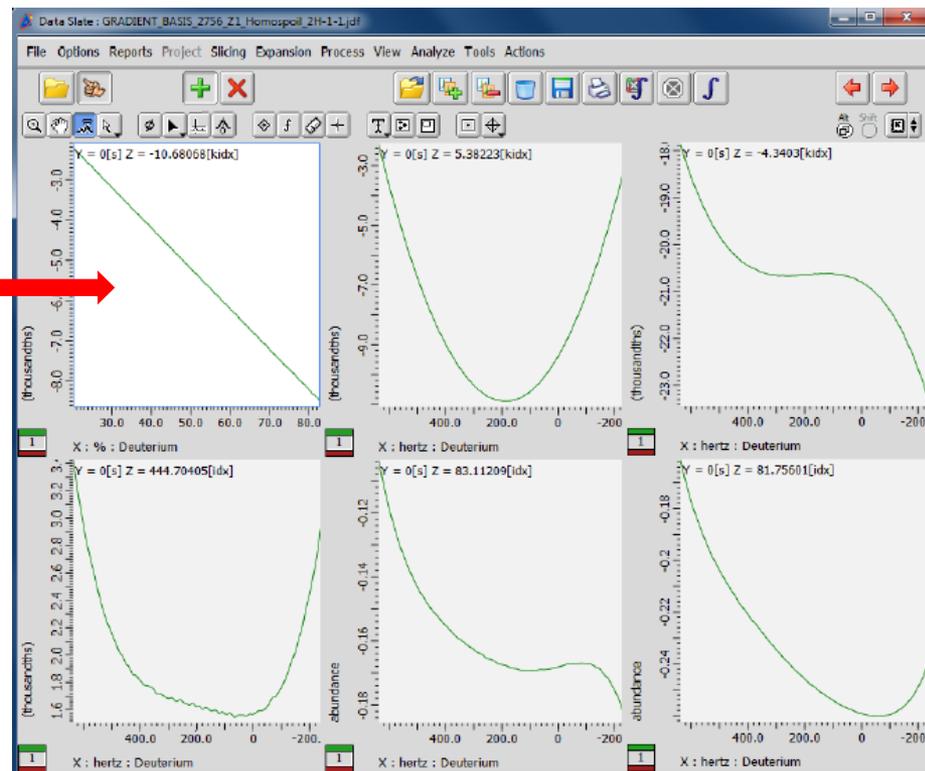
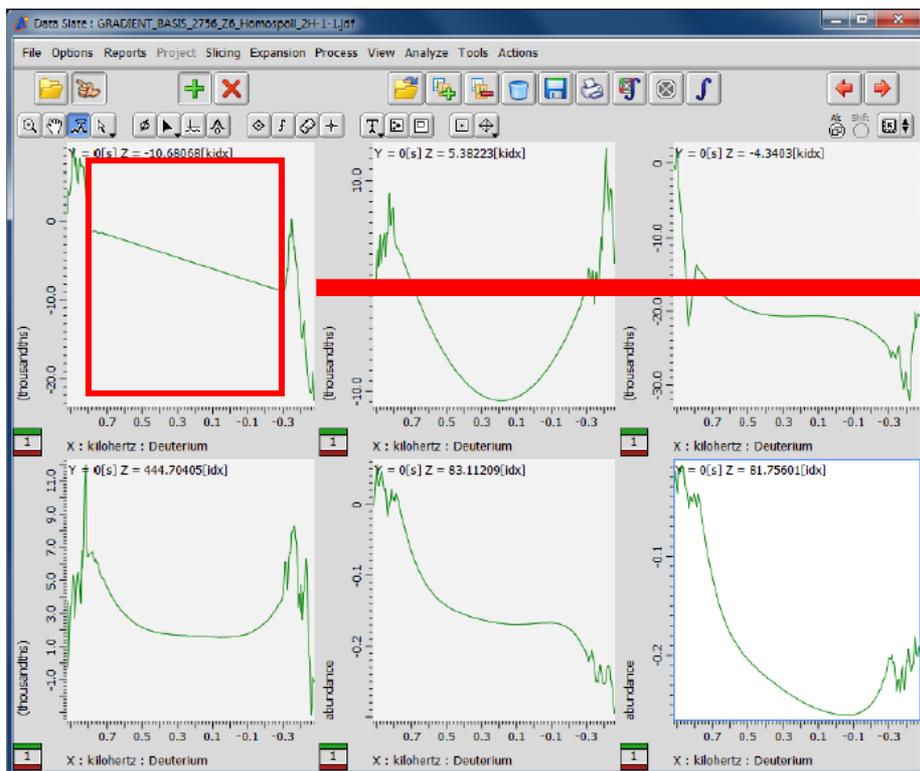
场图校准

- 第五步：点开场图之后，勾选Options_Connect X与Box，长按鼠标右键，勾选Display Units_Percent



场图校准

- 第六步：展开信噪比较好的平直线段，读出起止点数值即为匀场范围



- 第七步：与第一二步相同，选择Config_Turn Maintenance Mode OFF，切换为delta用户