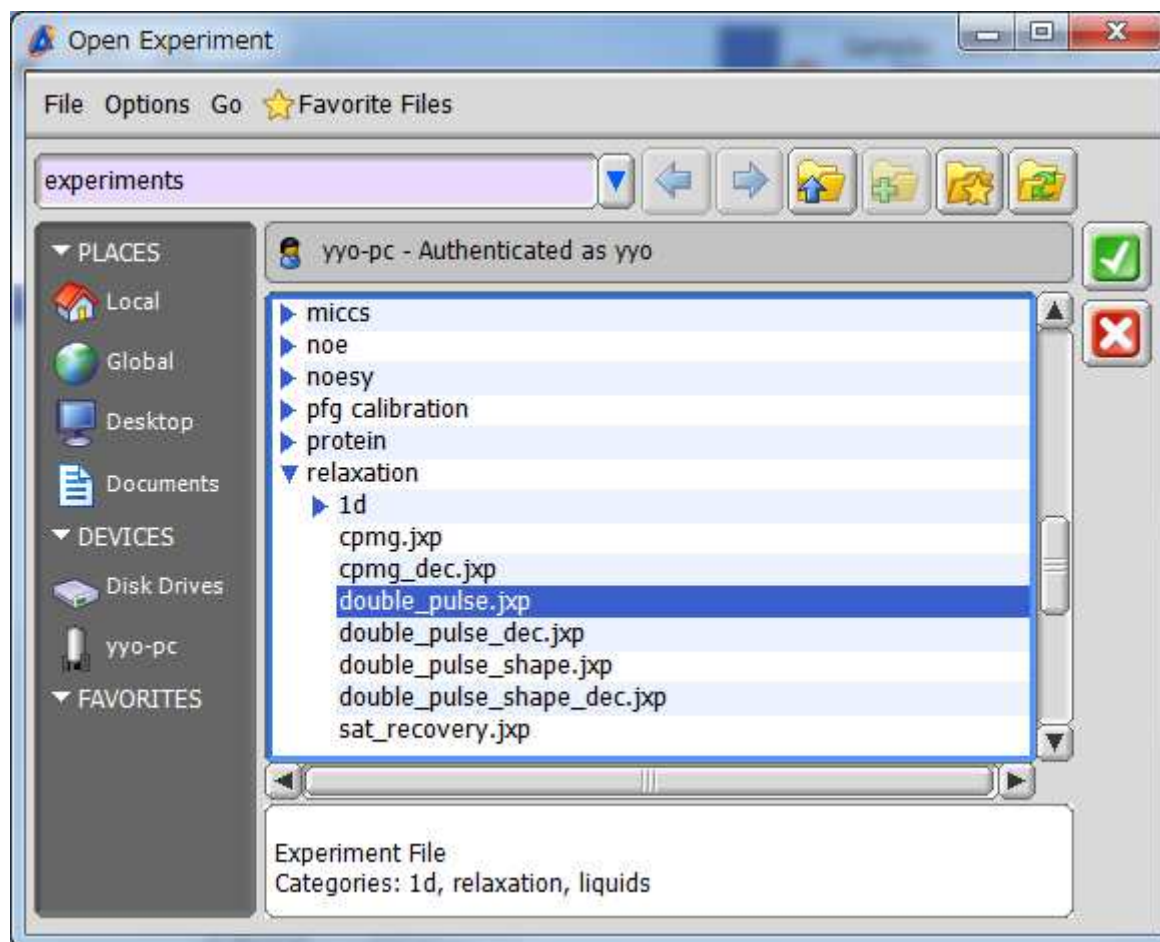


T1 测定

Yueqi Ye

JEOL BEIJING

选择脉冲序列



把Recvr_gain 改为10

The screenshot shows the 'Spectrometer Control - Advanced Mode' software interface. The main window displays a configuration table for the current job. The 'recvr_gain' parameter is highlighted in red text and its value is set to 10 in a text input field.

Sample Name	Solvent	Slot	Kind	Preparation	Comment
JEOL-a	Chloroform-D	1	Liquids	TRUE	

Below the table, the 'Acquisition' tab is selected, showing the parameter 'recvr_gain' with a value of 10. The status bar at the bottom indicates the Receiver Gain is 50, Spin is 0[Hz], Lock is 0, Temp is 24.8[dC], Helium is 50[%], Nitrogen is 75[%], and Queue Length is 0.

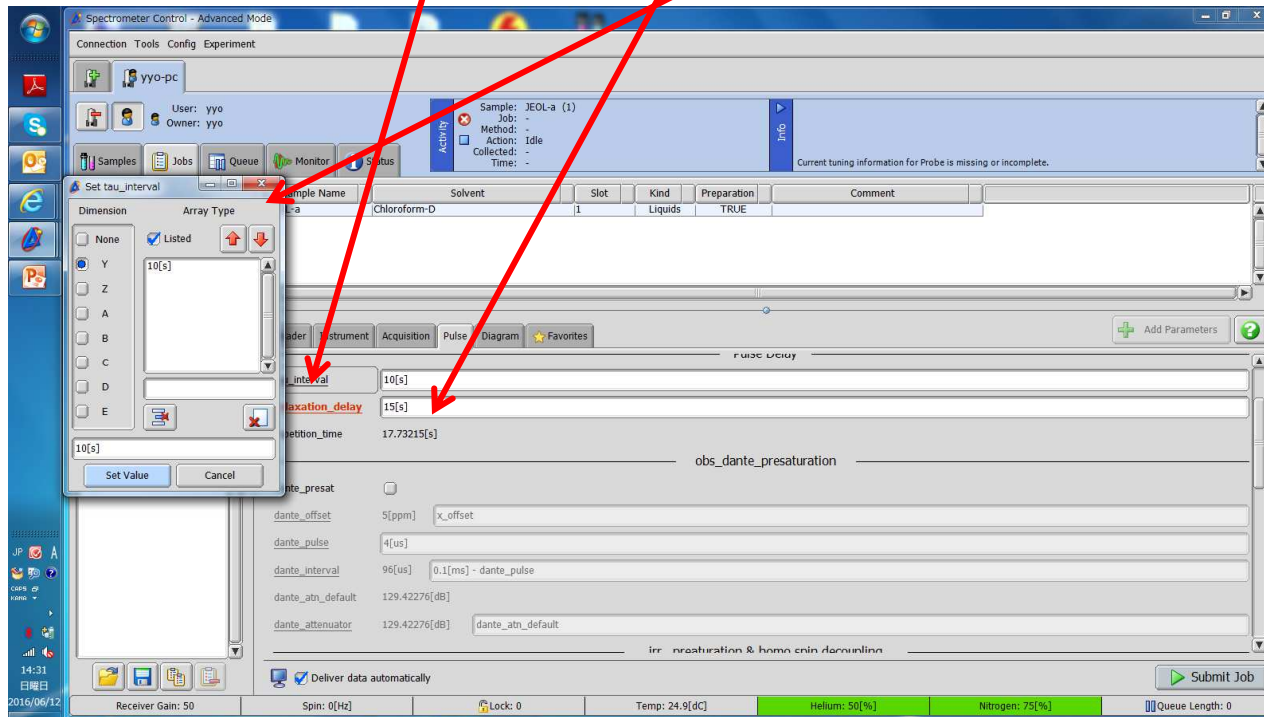
把Scans改为1， X_prescans改为1

The screenshot shows the 'Spectrometer Control - Advanced Mode' software interface. The main window displays a table of acquisition parameters for a job named 'JEOL-a'. The parameters are as follows:

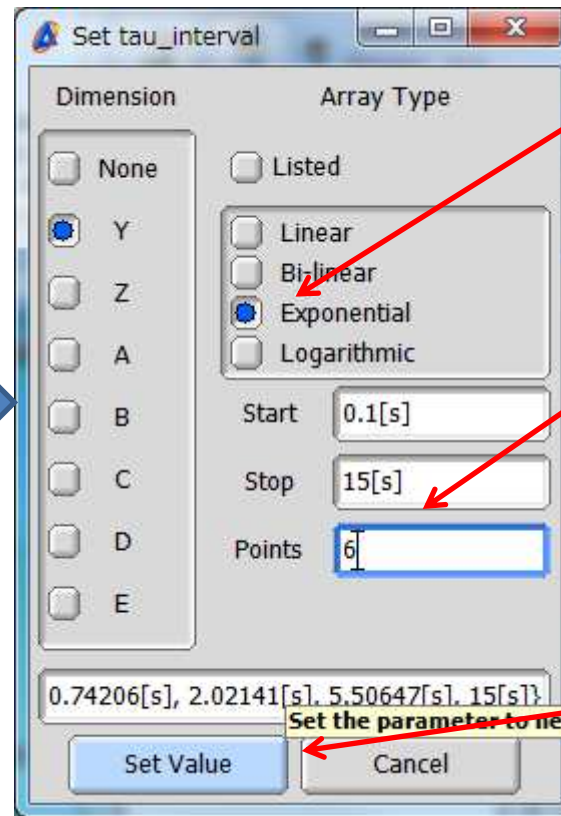
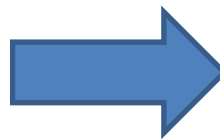
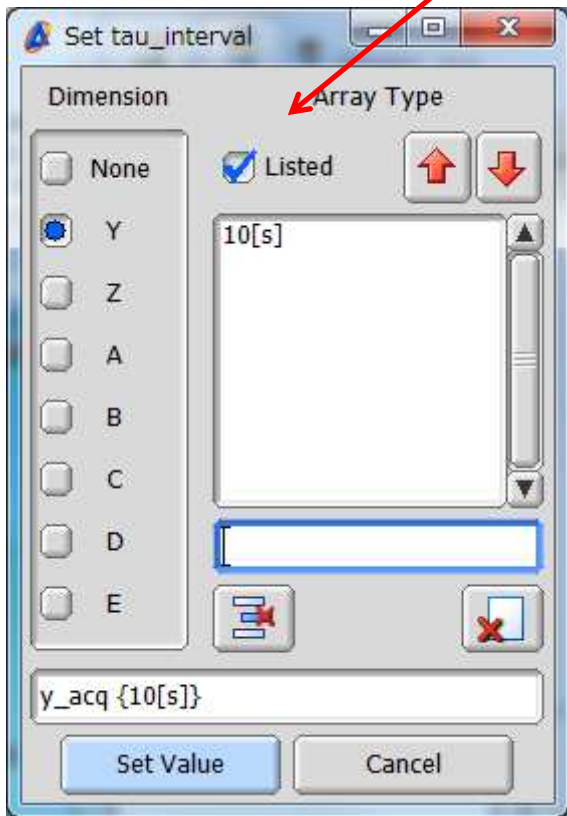
Parameter	Value
x_domain	Proton
x_offset	5[ppm]
x_sweep	15[ppm]
x_points	16384
scans	1
x_prescans	1
mod_return	1
x_acq_time	2.73215[s]

The interface also shows a 'Jobs' list on the left with 'New Job' and 'Experiment 1' (containing 'double_pulse'). The status bar at the bottom indicates 'Receiver Gain: 50', 'Spin: 0[Hz]', 'Lock: 0', 'Temp: 24.9[dC]', 'Helium: 50[%]', 'Nitrogen: 75[%]', and 'Queue Length: 0'. A 'Submit Job' button is visible at the bottom right.

把Relaxation_delay改为15秒，然后
单击tau_interval,出现下边框



点一下这个钩号



选择 Exponential

输入如下数字，
适用于T1小于4
秒的样品

点击 Set Value

最后确认参数是否正确，最后点击 Submit job

The screenshot displays the 'Spectrometer Control - Advanced Mode' interface. At the top, it shows 'Connection Tools Config Experiment' and user information for 'yyo-pc'. The main area is divided into several sections:

- Open Jobs:** A tree view on the left shows 'New Job' (0:20) and 'Experiment 1' (0:20) with a sub-entry 'double_pulse' (0:20).
- Job Table:** A table with columns: Sample Name, Solvent, Slot, Kind, Preparation, Comment. It contains one row: JEOL-a, Chloroform-d, 1, Liquids, TRUE, and an empty comment.
- Configuration Panels:** Below the table are tabs for 'Header', 'Instrument', 'Acquisition', 'Pulse', 'Diagram', and 'Favorites'. The 'Acquisition' tab is active, showing parameters like 'tau_interval', 'relaxation_delay', and 'repetition_time'. The 'Pulse' tab is also visible, showing 'Pulse Delay'.
- Submit Job Button:** A green button with a play icon and the text 'Submit Job' is located at the bottom right of the configuration area.

Two red arrows originate from the text above: one points to the 'relaxation_delay' field (set to 15[s]) and the other points to the 'Submit Job' button.

Receiver Gain: 50 Spin: 0[Hz] Lock: 0 Temp: 24.8[dC] Helium: 50[%] Nitrogen: 75[%] Queue Length: 0