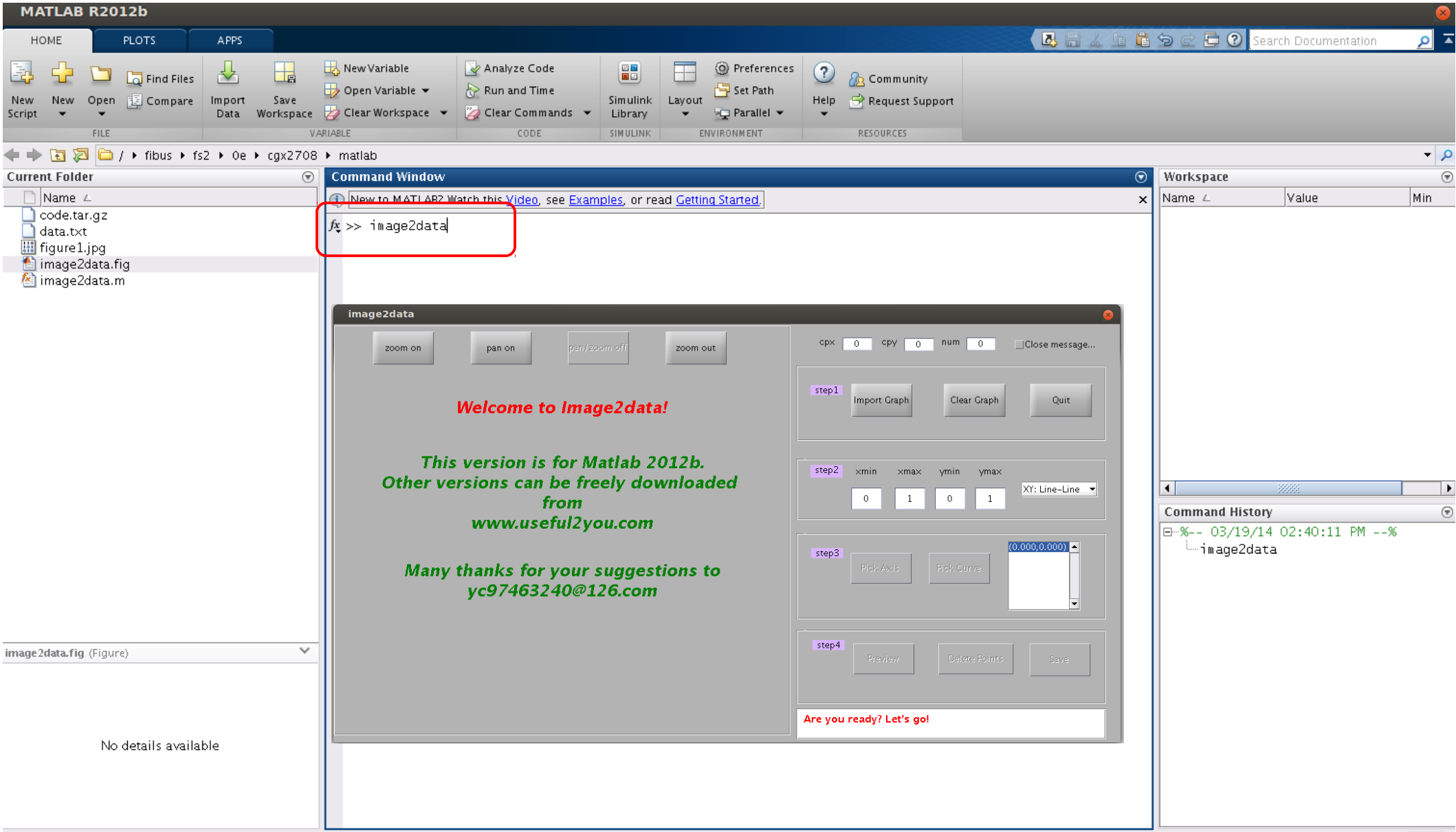
How to use Image2Data?

yc97463240 *19-03-2014*

1. run *image2data* in matlab
2. import file
3. set axis value
4. pick axis points （xmin->xmax->ymin->ymax）
5. pick curve points （move the mouse near to the picking point and button down “Ctrl”）
6. preview
7. modify picking （delete or adding points）
8. export data

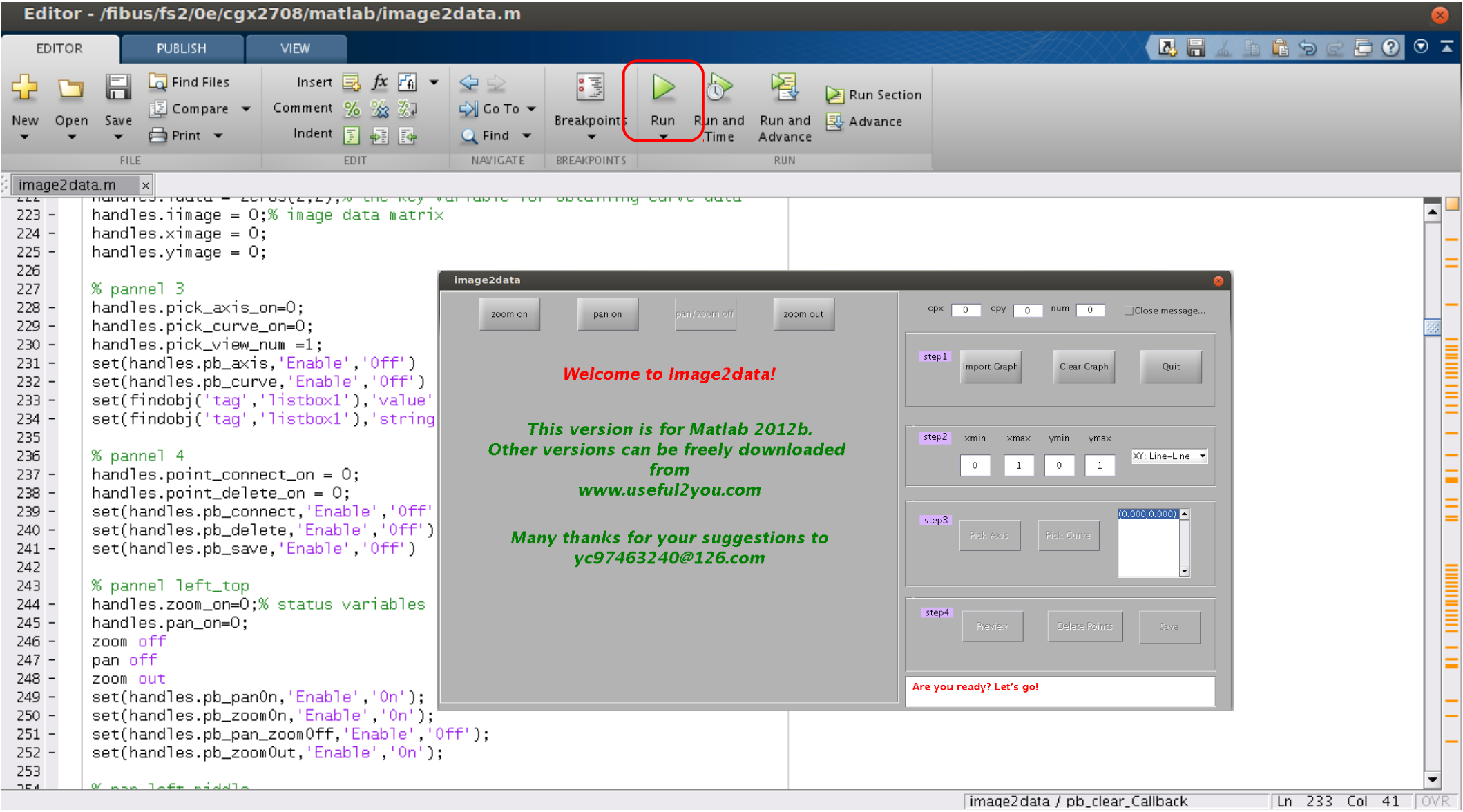
0 Run image2data

Method 1: recall image2data from the command window



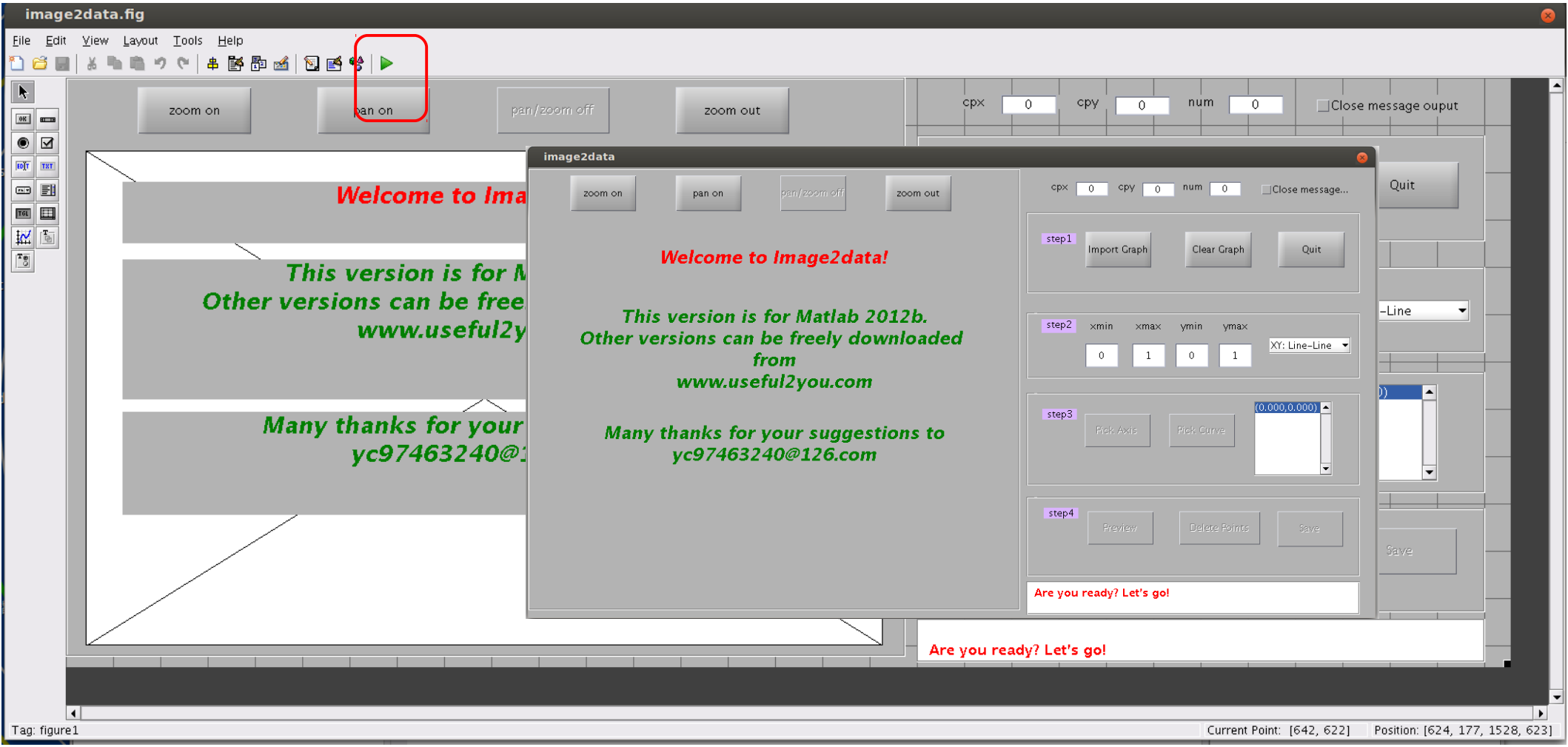
0 Run image2data

Method 2: recall image2data from the editor window



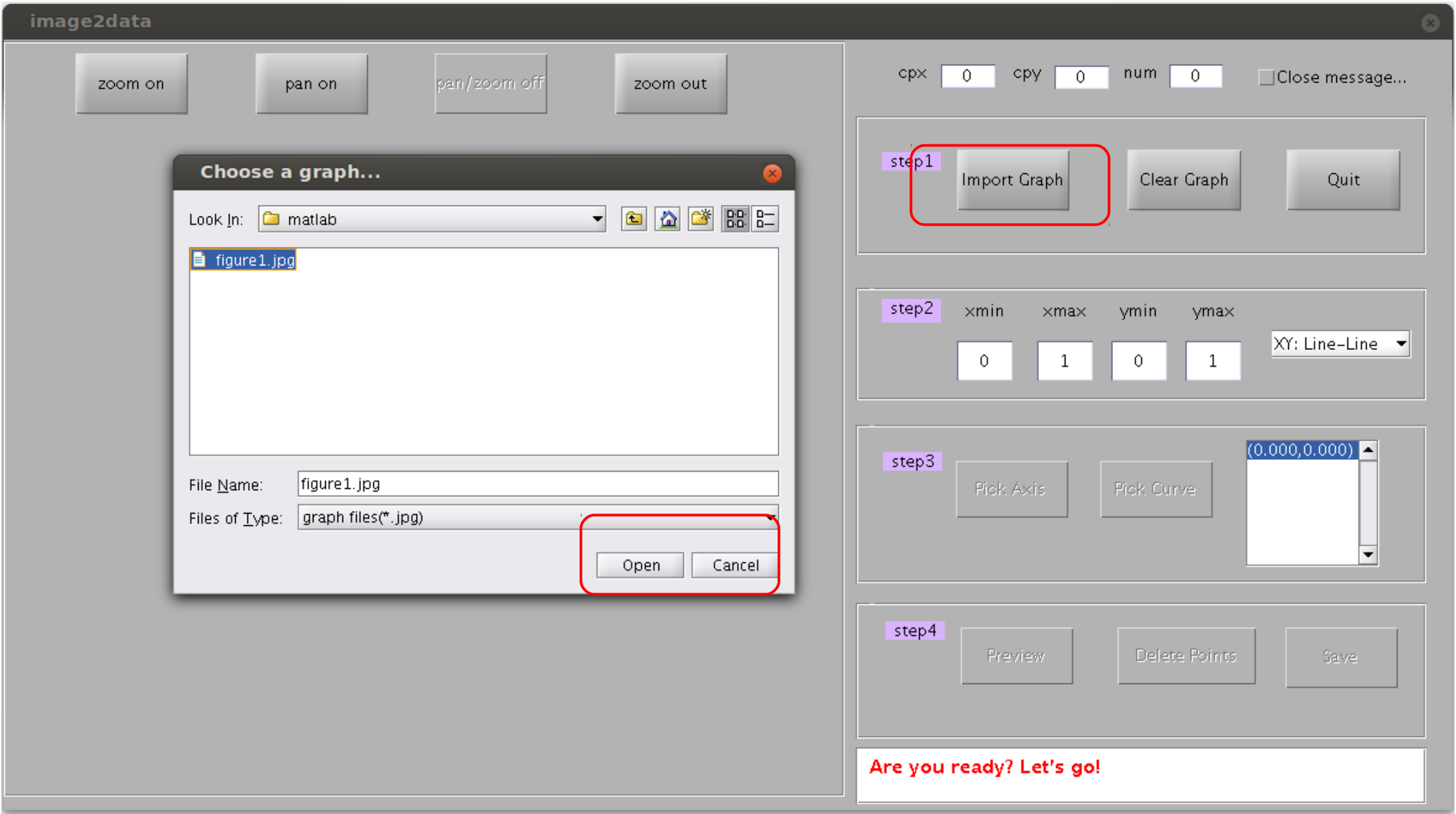
0 Run image2data

Method 3: recall image2data from the GUI editor window



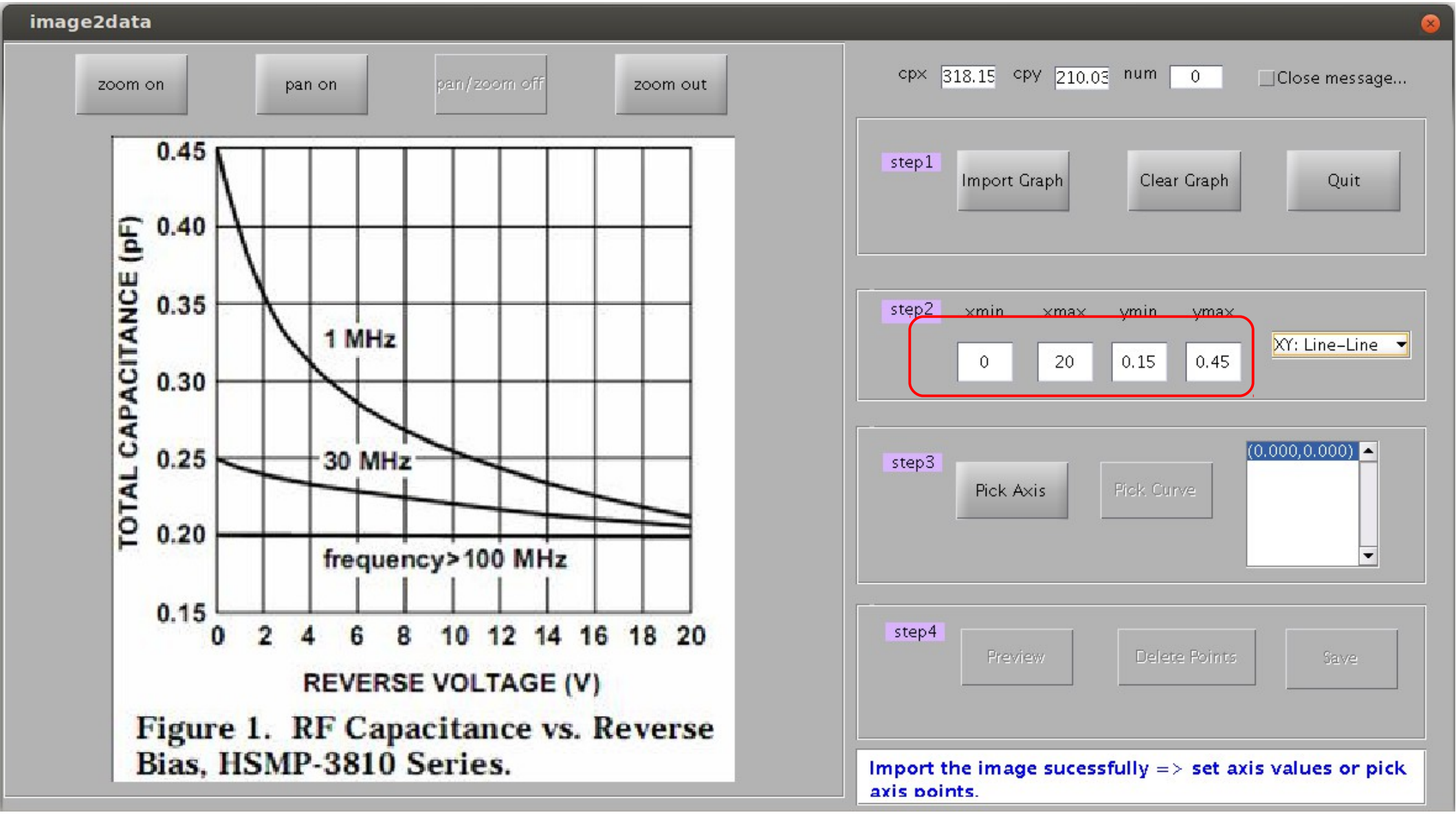
1 Import file

Click the “Import Graph” button to import file



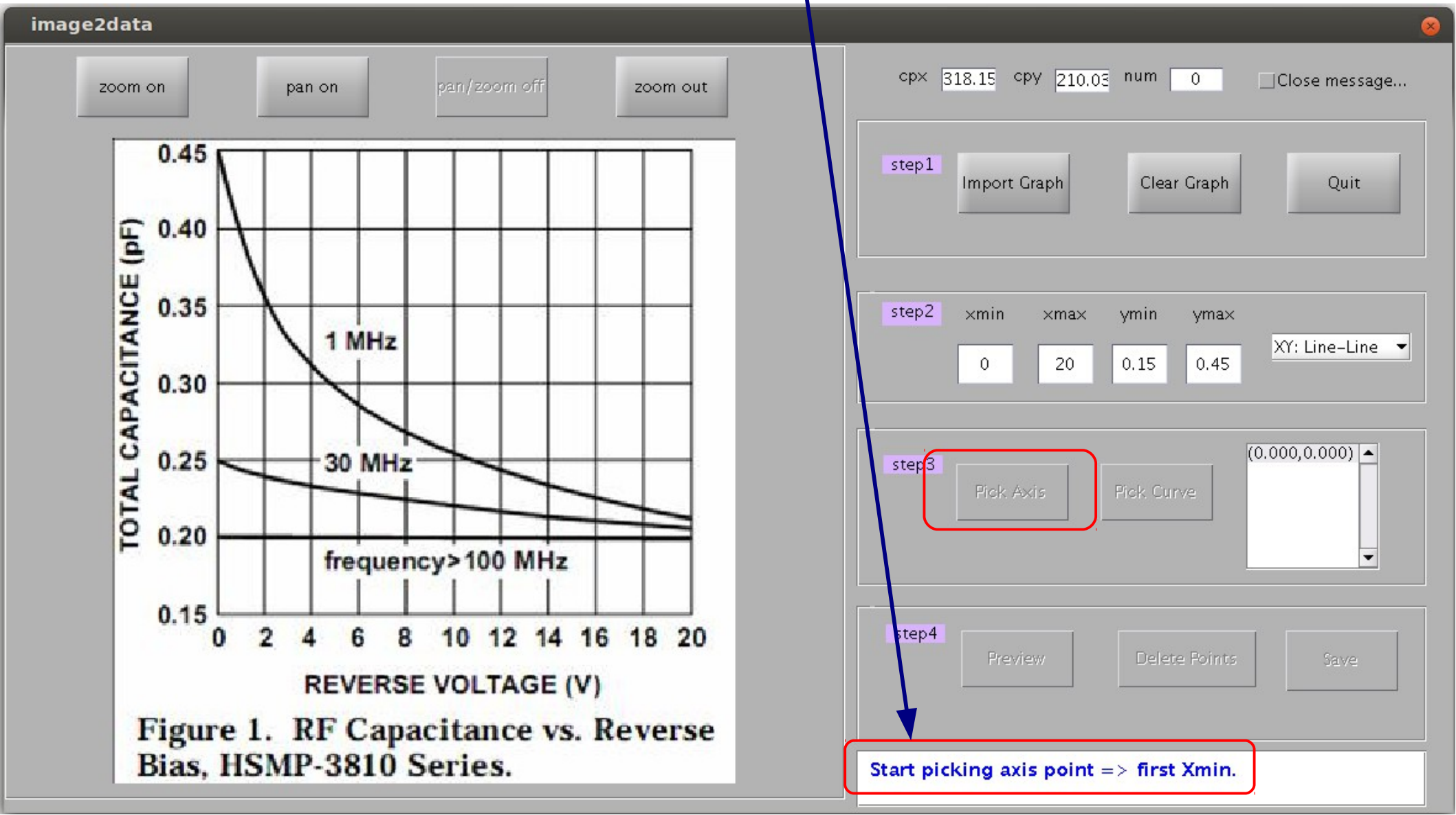
2 Set axis value

Set the range of x-axis and y-axis



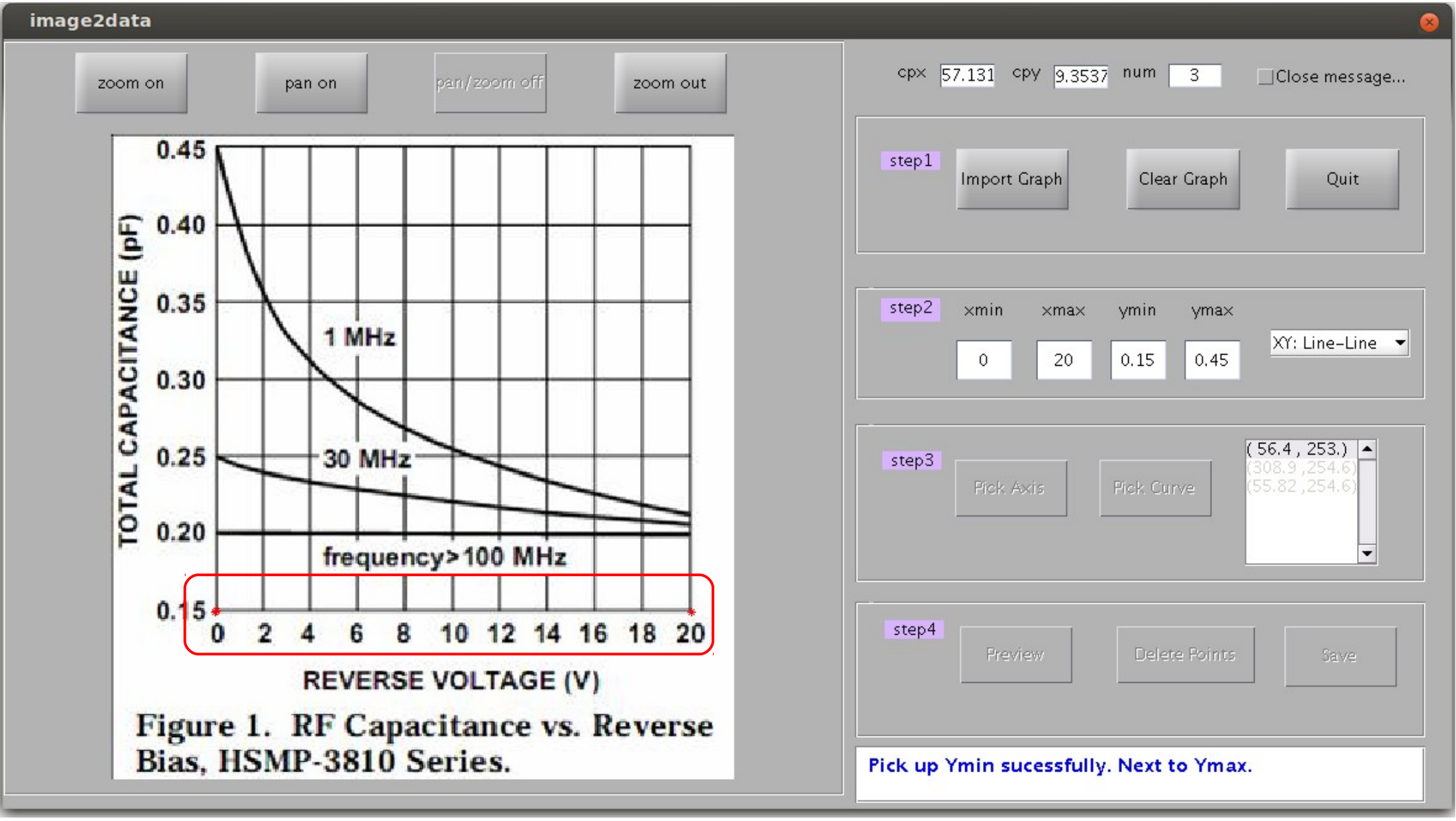
3 Pick up axis points

Click the “Pick Axis” button, then move the mouse near to the curve and button down “Ctrl” once to pick one point. All the operation and introduction will be shown in the msg box.



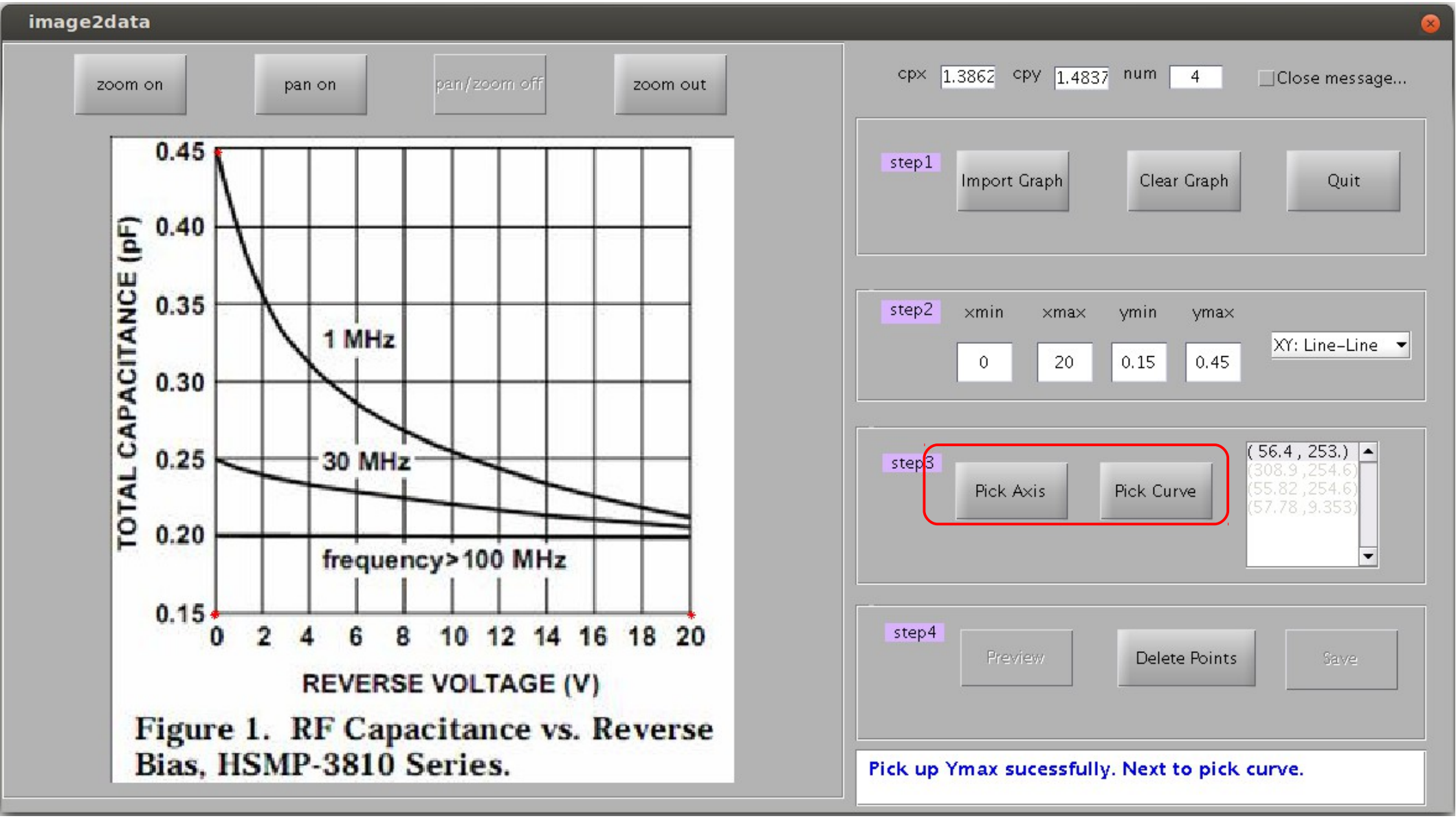
3 Pick up axis points

The subroutine will record and show the picking points.



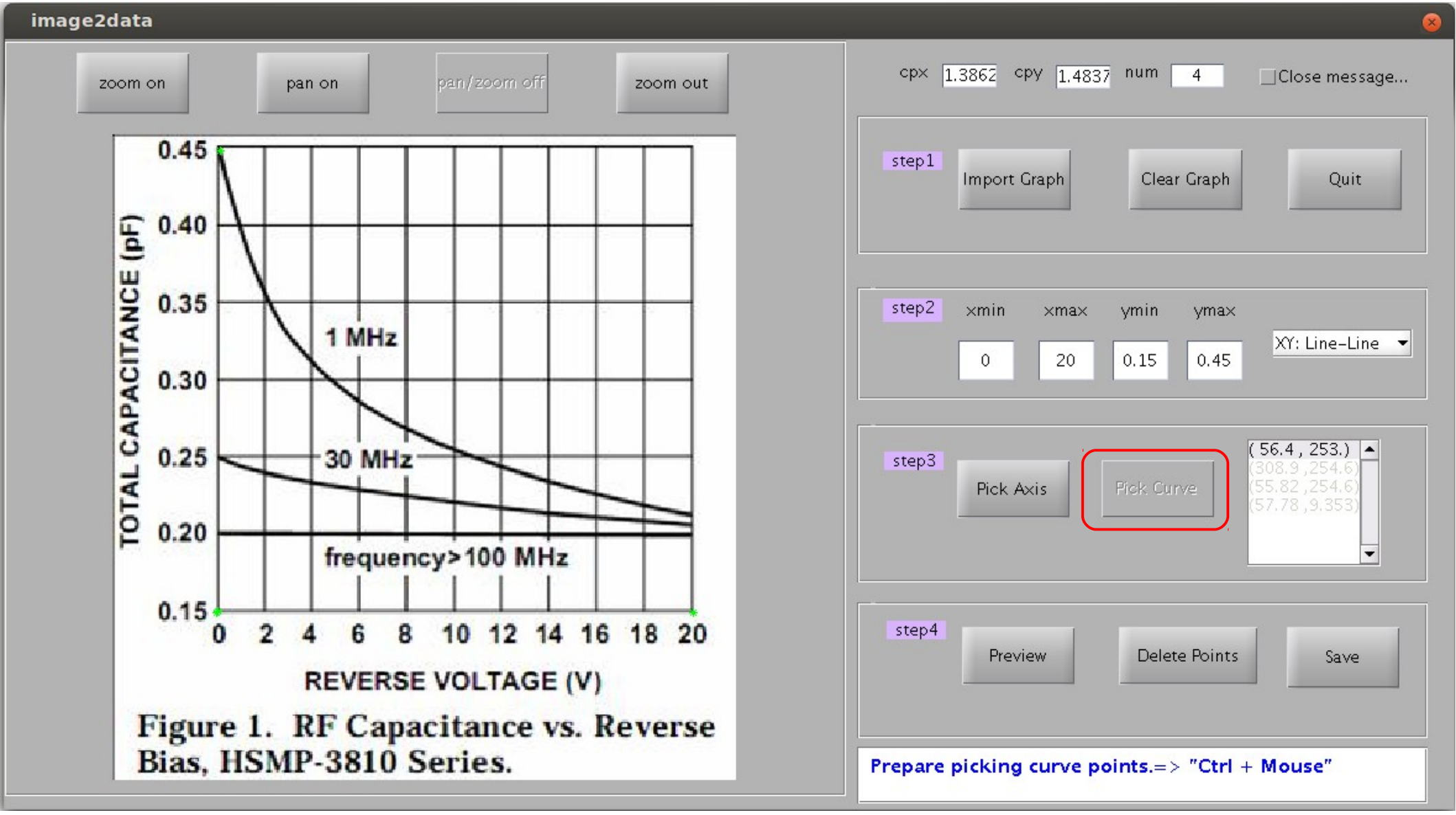
3 Pick up axis points

After picking up four axis points, the “Pick Curve” button will be effective. Then click it to start curve points picking. The list on the right will show the point's coordinate real time 。



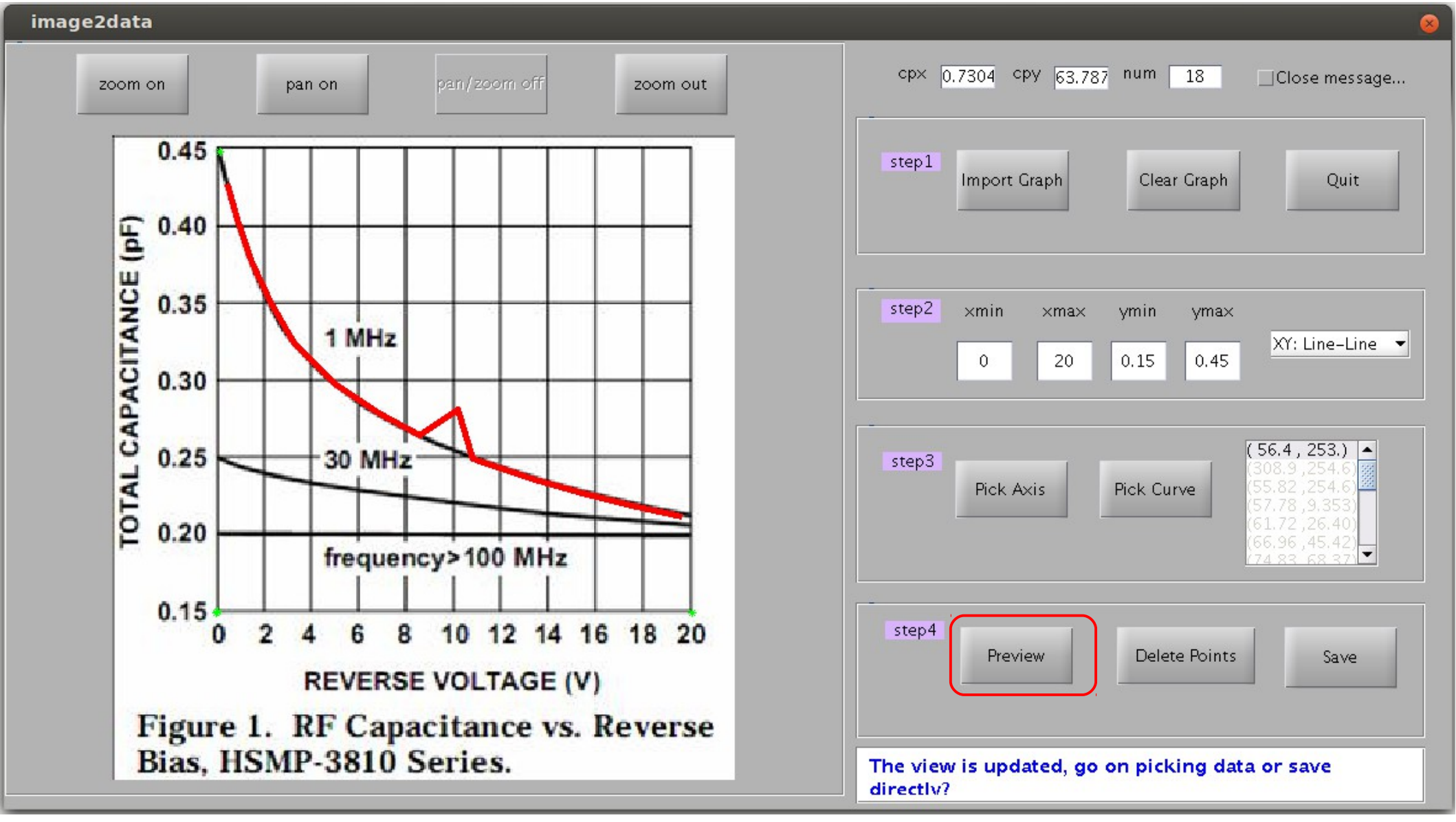
4 Pick up curve points

The points picking method is the same as last step, i.e. Mouse position + Ctrl.



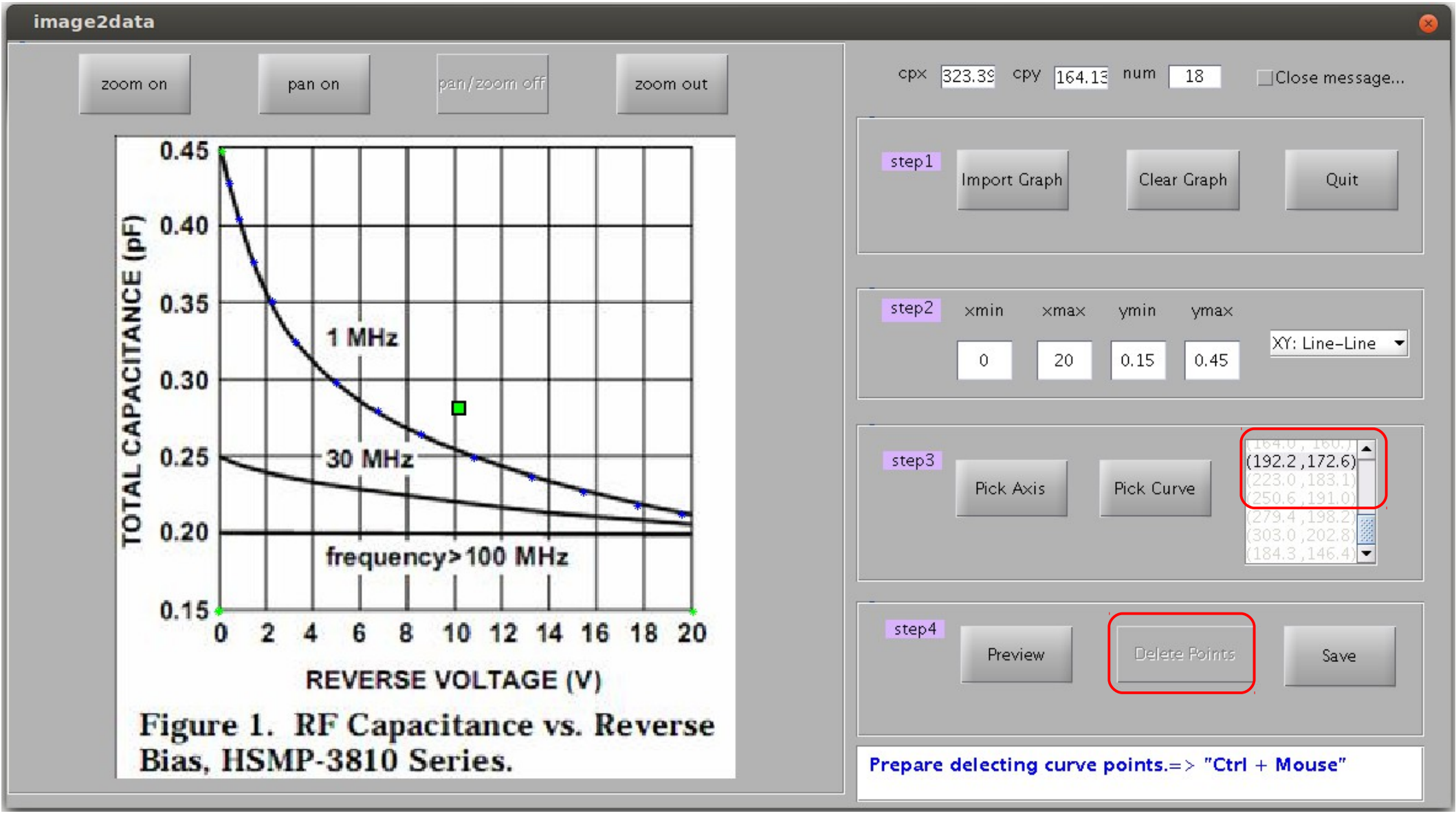
5 Preview

No matter whether you have picked up all the curve points or not, you can click the “Preview” button to preview. Once you click it, the picking operation is stopped. If you want to go on picking up curve points, you need to click the “Pick Curve” button again.



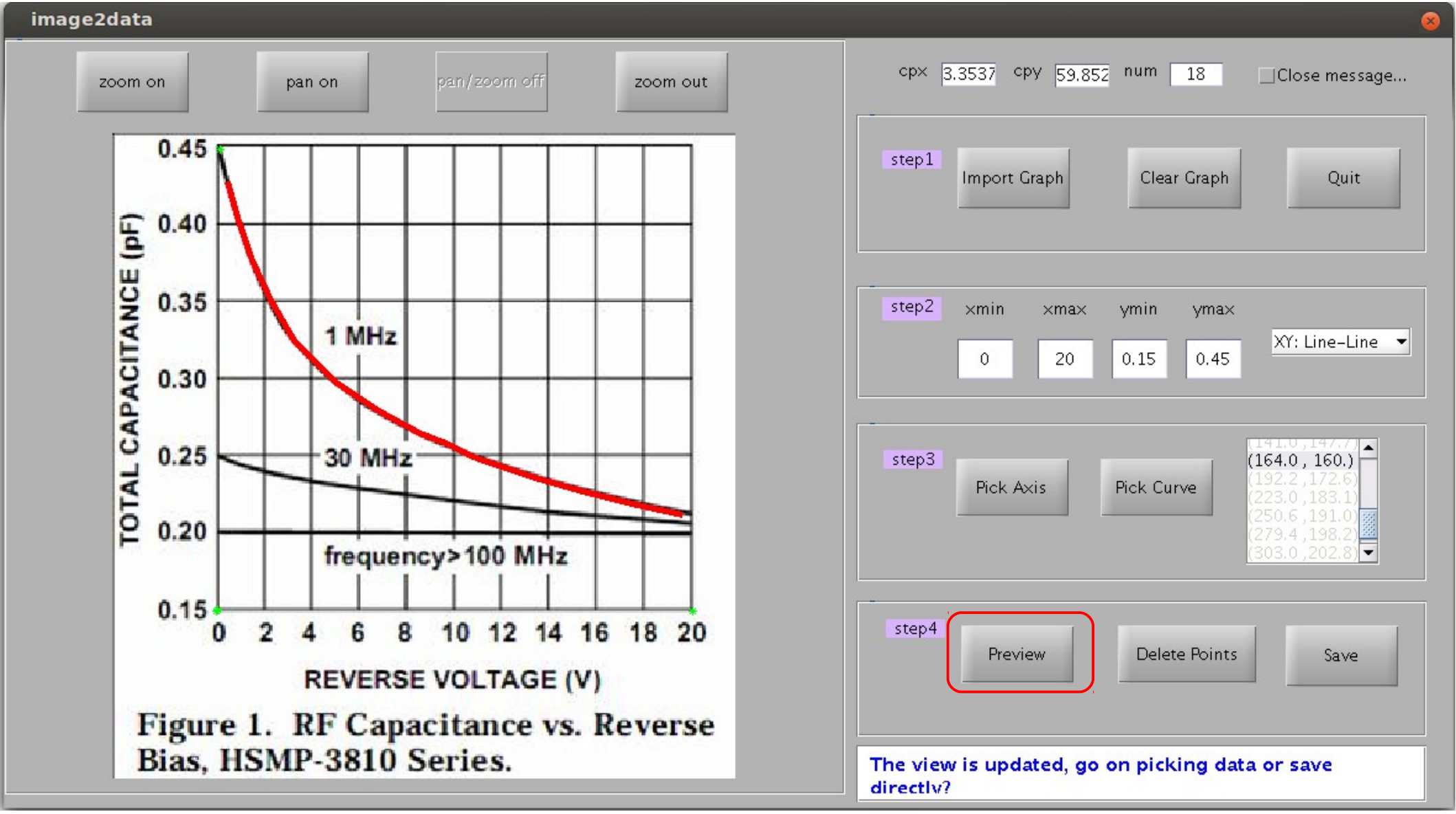
6 Modify

If you find you have picked a point by mistake, then click the “Delete Points” button, go to right list, pick up the row of the wrong coordinate, button down “Delete” in the keyboard, and the point is delete back top.



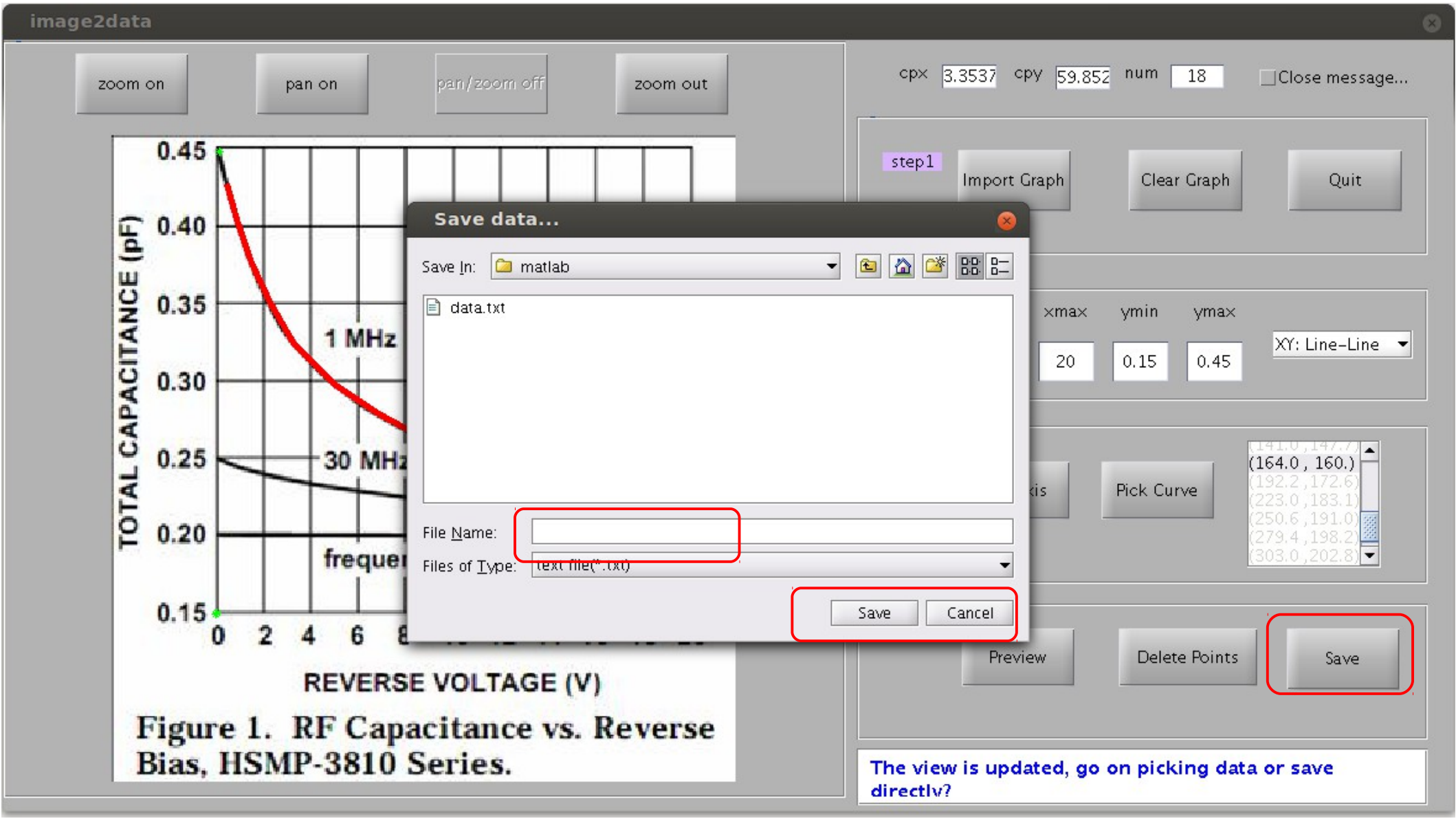
6 Modify

After the modify operation, you can either go on picking points, or preview, or save data.



7 Export data

If you are satisfied with the previewing results, the directly click “Save” button. Then a saving dialog will be opened to help you save the curve data.



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Thank you for your attention !

Any questions or interesting ?