```
function plot_ersp(file1,file2)
ch = [1,2,3,6,7,8,9,12,13,14,15,16,17,18,19,20,24,25];
suf1 = 'ERSP1';
suf2 = 'ERSP2';
suf3 = 'Pvalues';
lowlimit = -2000;
uplimit = 2000;
erspx = [lowlimit:ceil((uplimit - lowlimit)/10):uplimit];
[f1,loc] = uigetfile('*.txt','Pick any text file in the main directory');
cd(loc);
clim = [-5 5];
for i = 1:length(ch)
    %'-',file2,
    f1 = strcat(file1,'-',file2,'-',num2str(ch(i)),'-',suf1,'.txt')
    f2 = strcat(file1,'-',file2,'-',num2str(ch(i)),'-',suf2,'.txt')
    f3 = strcat(file1,'-',file2,'-',num2str(ch(i)),'-',suf3,'.txt')
    ersp1 = dlmread(f1);
    ersp2 = dlmread(f2);
    pvalues = dlmread(f3);

    h = figure;
    h1 = subplot(3,1,1);
    imagesc(ersp1,clim);
    Title(strcat(file1,'-','Chn:',num2str(ch(i))));
    set(h1,'XTickLabel',erspx(2:end));
    set(h1,'YTickLabel',10:10:50);
    colorbar;

    h2 = subplot(3,1,2);
    imagesc(ersp2,clim);
    Title(strcat(file2,'-','Chn:',num2str(ch(i))));
    set(h2,'XTickLabel',erspx(2:end));
    set(h2,'YTickLabel',10:10:50);
    colorbar;

    h3 = subplot(3,1,3);
    imagesc(pvalues);
    Title('P Values');
    set(h3,'XTickLabel',erspx(2:end));
    set(h3,'YTickLabel',10:10:50);
    colorbar;
    saveas(h,strcat(file1,'-',file2,'-',num2str(ch(i))),'fig');
    saveas(h,strcat(file1,'-',file2,'-',num2str(ch(i))),'tiff');
end

close all
```