```
complex_data_uk – analytic signals (dimensions : samples x channels)
chani – observed channel 1;
chanj – observed channel 2;

ConnMxabsCPCC(chani,chanj)=
abs(dot((complex_data_uk(:,chani))',(complex_data_uk(:,chanj))')/(norm((complex_data_uk(:,chani))')*norm((c
omplex_data_uk(:,chanj))')));

ConnMximCPCC(chani,chanj)=
abs(imag(dot((complex_data_uk(:,chani))',(complex_data_uk(:,chanj))')/(norm((complex_data_uk(:,chani))')*no
rm((complex_data_uk(:,chanj))'))));
```