

Fig.1 the transmittance spectrum of low oxygen ratio samples.

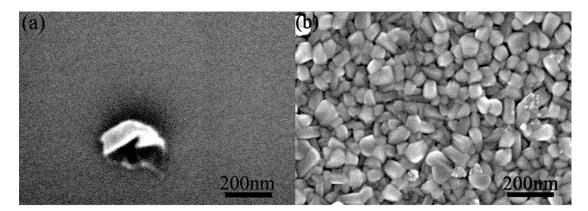


Fig. 2 (a) the top view of S4 before annealing, (b) the top view of S4 after annealing.

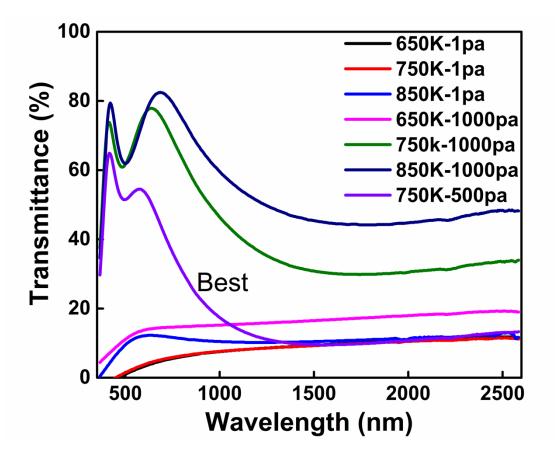


Fig.3 the transmittance spectrums with respect to pressure and temperature during annealing process.