a)

b)



600 400

200

500

1000

1500 2000 Z (nm)

в-D

2500 3000





Fig. 2. AFM images and profiles of: a) $10 \times 10 \ \mu m$ of CB/FE, b) $50 \times 50 \ \mu m$ of CB/FE, c) $10 \times 10 \ \mu m$ of CB/FE-OBD, d) $50 \times 50 \ \mu m$ of CB/FE-OBD; in subfigures: A – 3D AFM image; B – 2D AFM image; C – cross-section height profile parallel to the X-axis across the middle of image B; D – surface height distribution of image A

D-D

a)

b)

0

















5 X (μm) D**-**C

100 200 300 400 500 600 700 800 Z (nm) D-D

0

0

d)