



Рис. 5. АСМ-фотографии поверхности образцов покрытия TiAlCuN:
a – образец 3N1; *б* – образец 3N2; *в* – образец 4N1; *г* – образец 4N2

Fig. 5. Atomic force microscopy photographs of the surface of TiAlCuN coating samples:
a – sample 3N1; *b* – sample 3N2; *c* – sample 4N1; *d* – sample 4N2