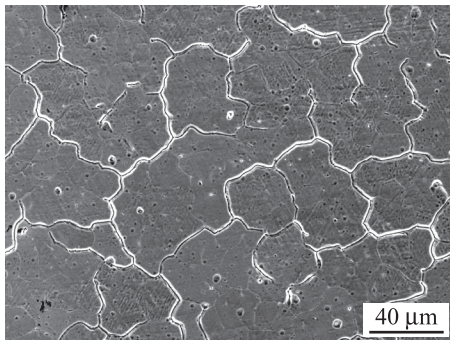
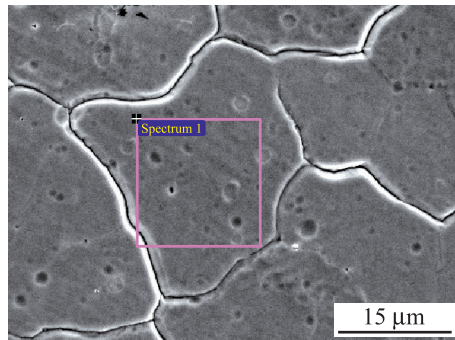
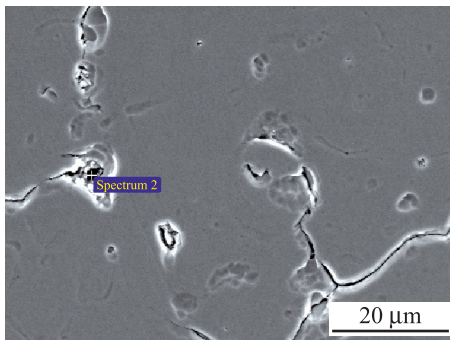


a*b**c*

Element	Concentration, wt. %	
	Spectrum 1	Spectrum 2
Al	5.57	2.14
Cr	21.67	7.77
Fe	Bal.	Bal.
Mo	2.48	—
Y	—	48.33
O	1.62	16.33

Fig. 2. SEM images of the surface of FeCrAl doped with yttrium + molybdenum after sputtering (*a*), detail of the surface with cracks along grain boundaries (*b*) and precipitates (*c*) and the EDS analyses from the points marked in the images (*b*, *c*)