



Fig. 4-1 The Raman spectrum of silicon and poly-silicon films

	I_{peak}	Raman Shift	FWHM
Si	2033	519.9	14.8
CWC	1259	515.2	17.63
Convention ELA	364	516.7	25.5
ELA-SLG	554	516.7	18.8

Fig. 4-2 The Raman spectrum of silicon and poly-silicon films data