


Sample Parameter	Analysis Parameter	Sputter Parameter	
Sample:	PI: Ga	PI: Cs	
Origin:	Energy: 25 keV	Energy: Unknown	
Polarity: negative	Current: Unknown	Current: Unknown	
File: RT37.tfd	Area: 99.6x99.6 μm^2	Area: 250.1x250.1 μm^2	
Comments:			

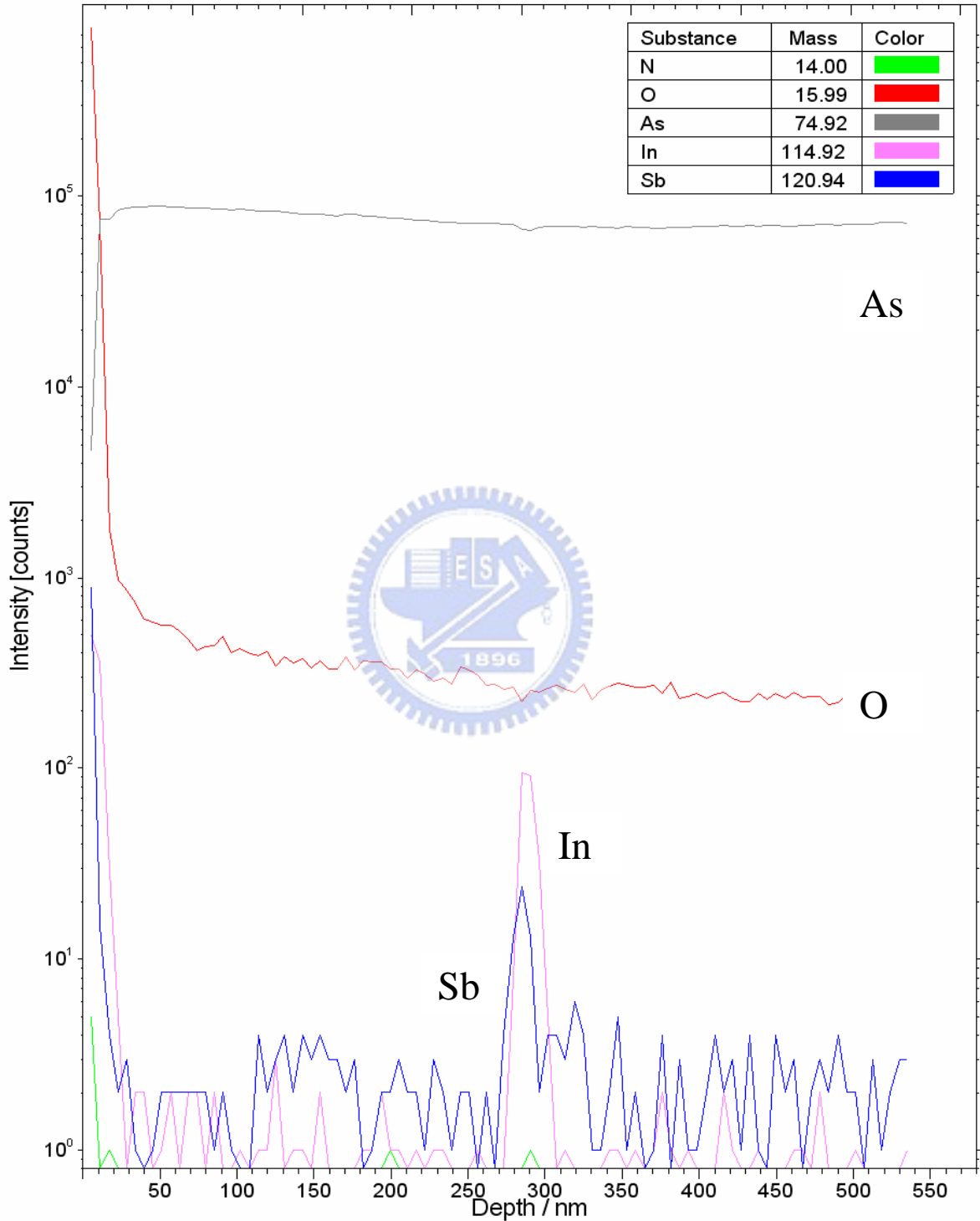


圖 5-1 InAsSb(6)樣品之 SIMS 縱深曲線分析圖

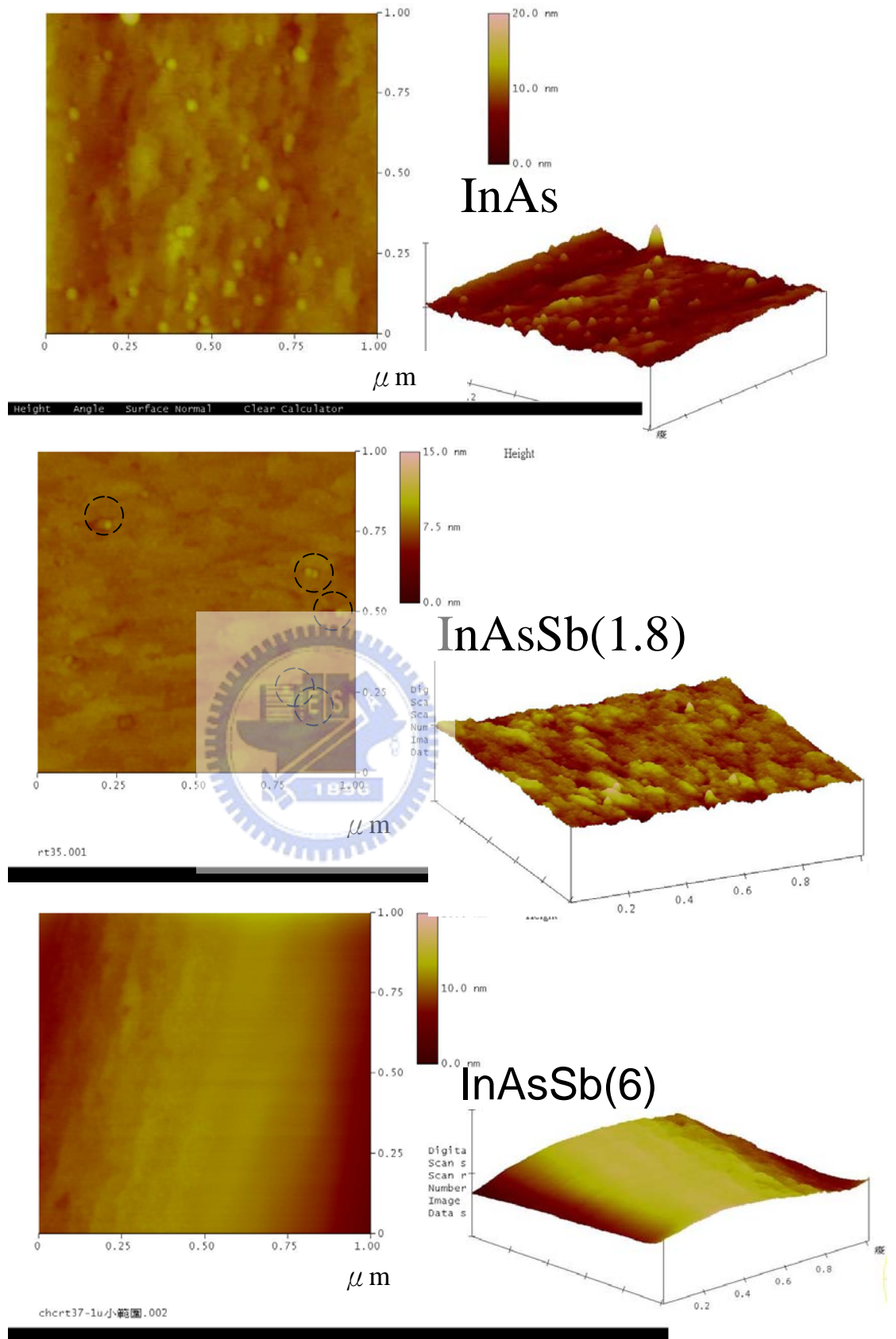


圖 5-2 三片樣品之 AFM 平面圖與立體圖

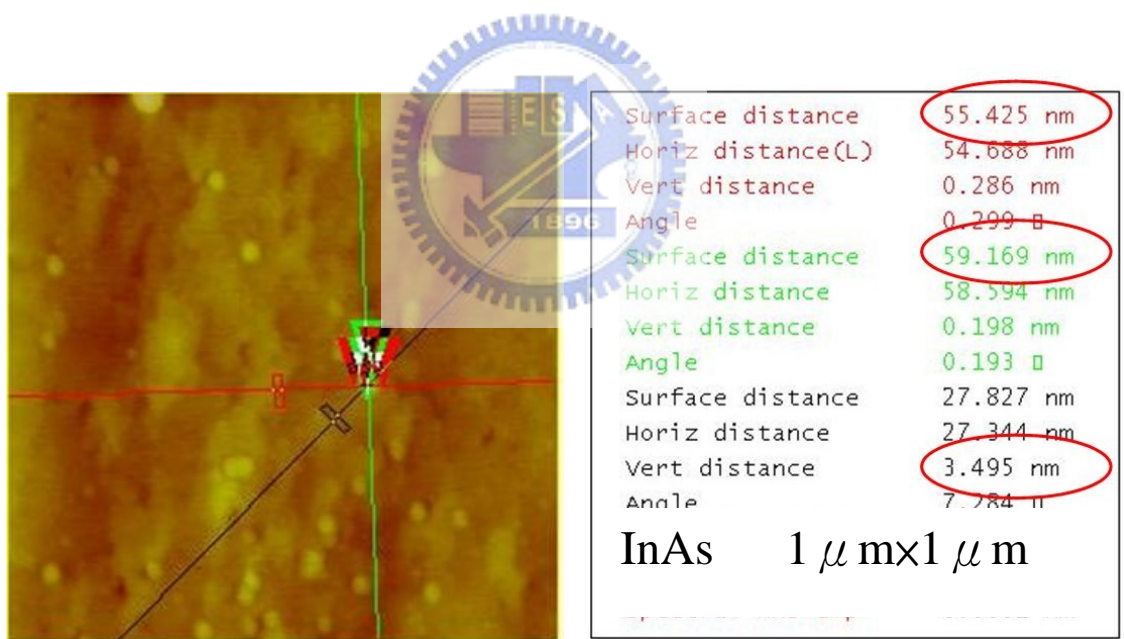
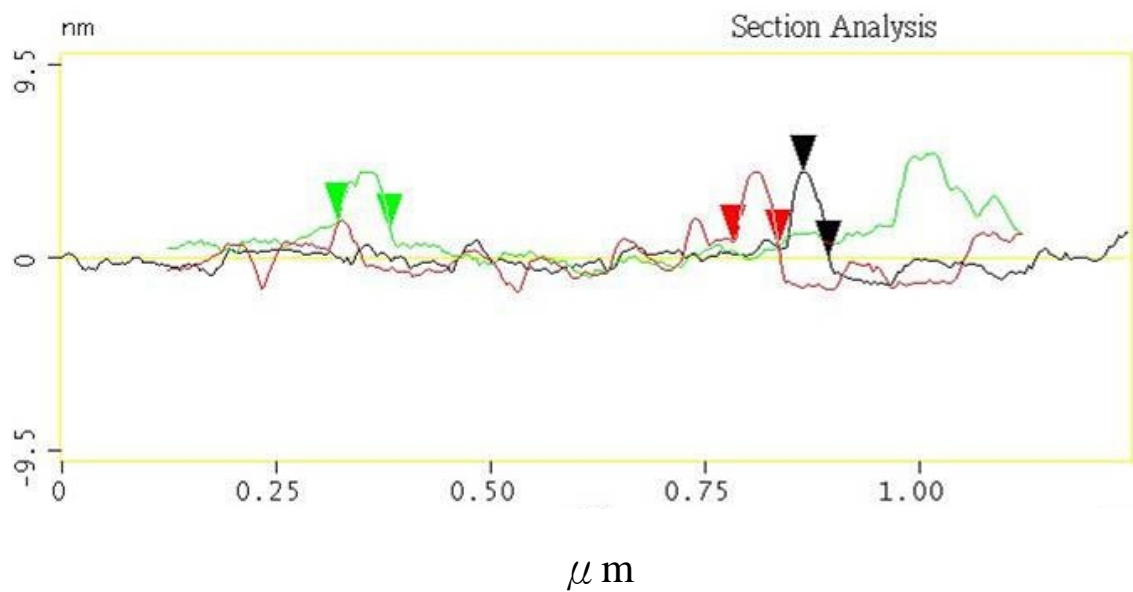


圖 5-3(a) InAs 樣品之 AFM 剖面分析圖

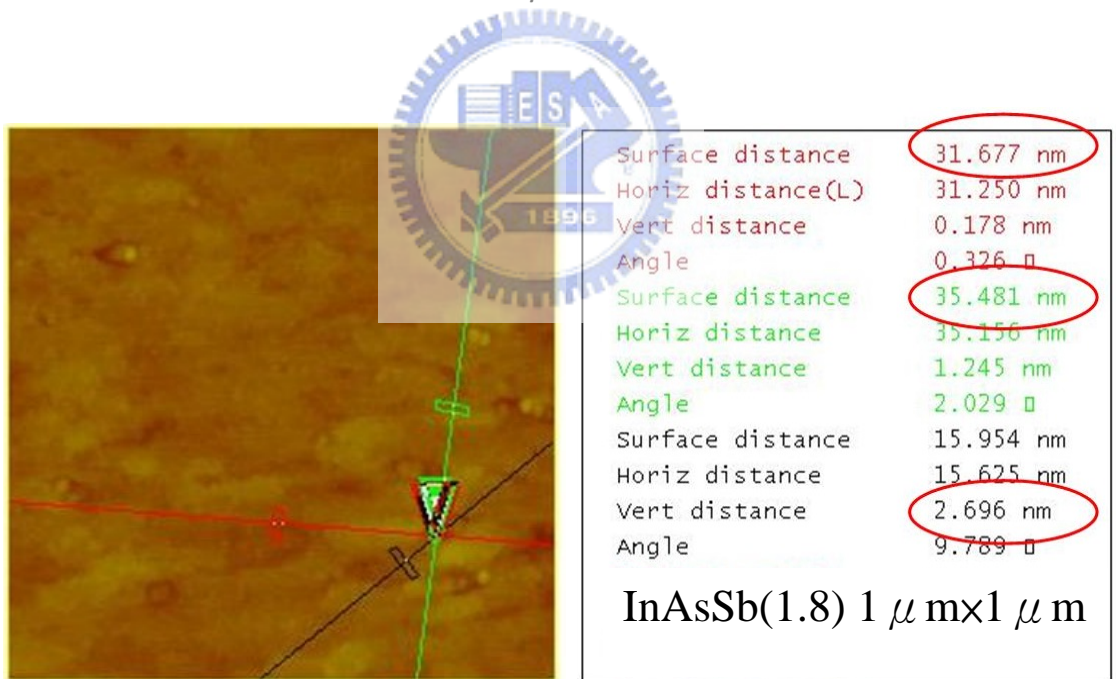
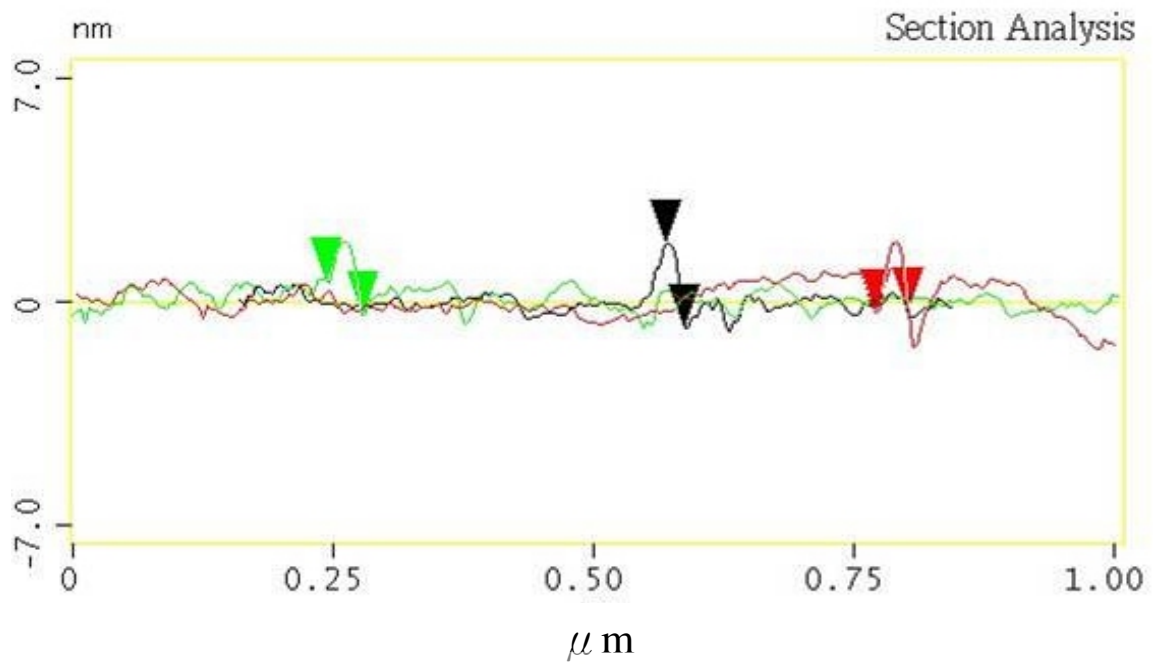
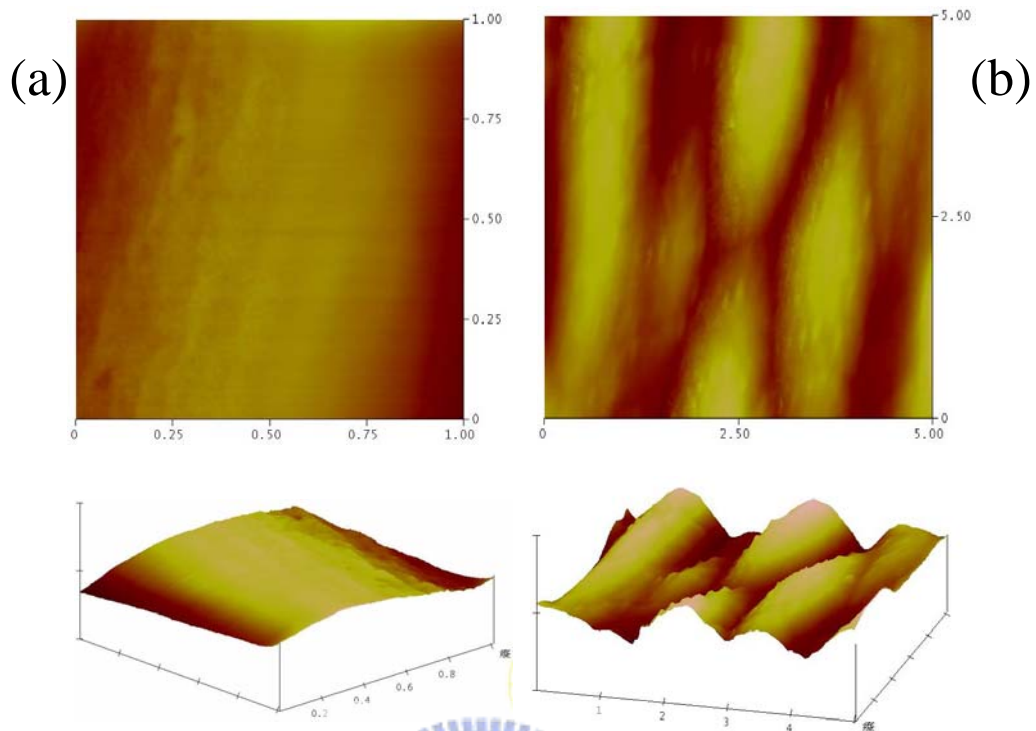


圖 5-3(b) InAsSb(1.8)樣品之 AFM 剖面分析圖

1 μm

5 μm



(c) 10 μm (d) 20 μm

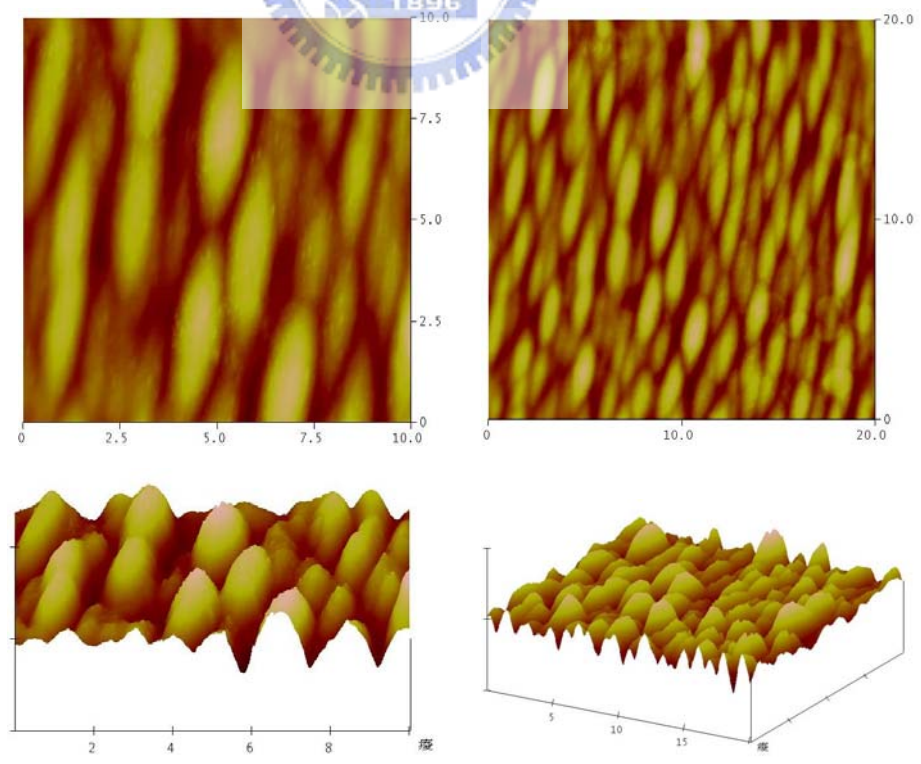


圖 5-4 InAsSb(6)樣品不同尺寸掃描下之 AFM 圖



5 $\mu\text{m} \times 5 \mu\text{m}$

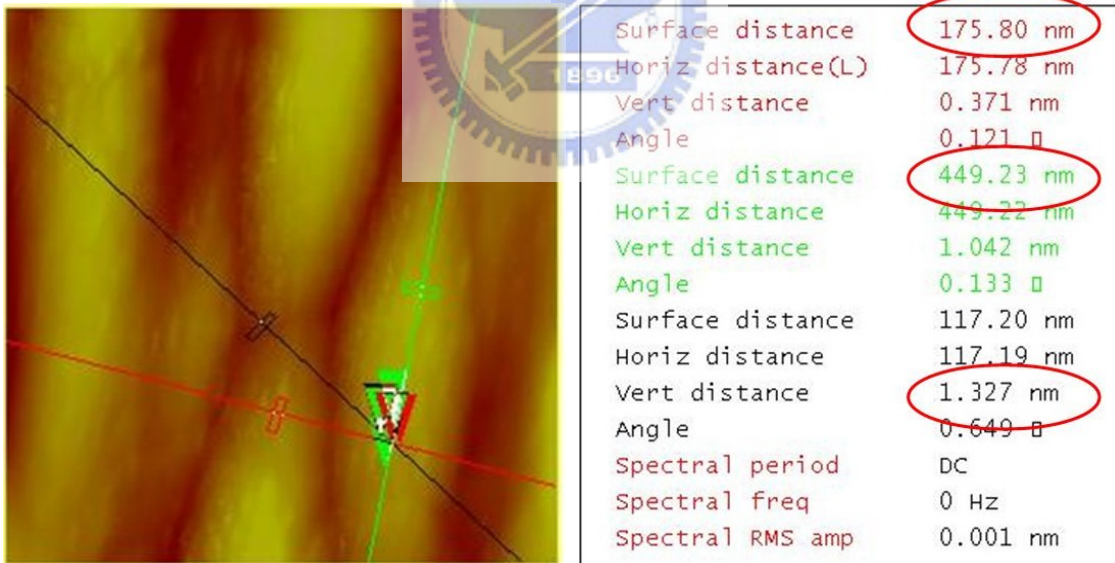


圖 5-5 InAsSb(6)樣品之 AFM 剖面分析圖

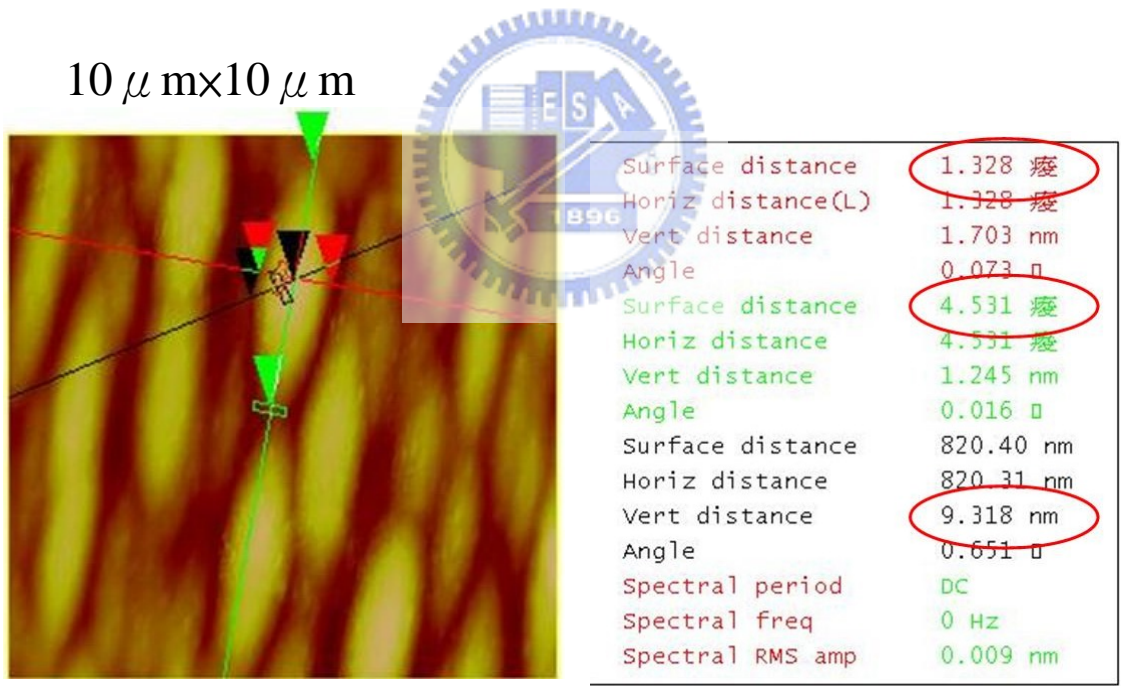
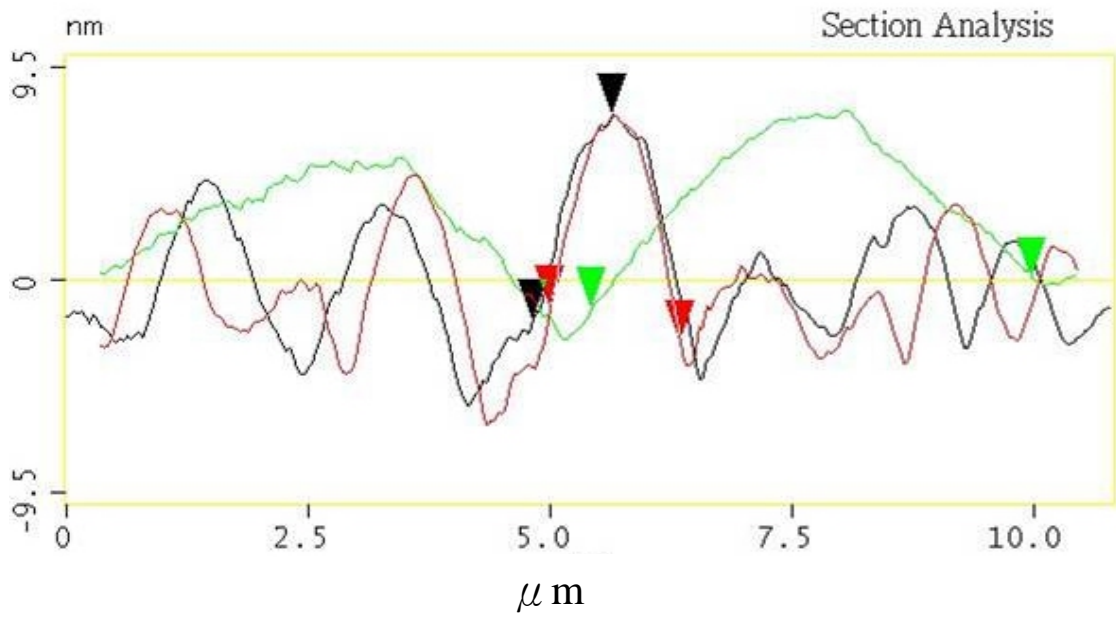


圖 5-6 InAsSb(6)樣品之 AFM 剖面分析圖

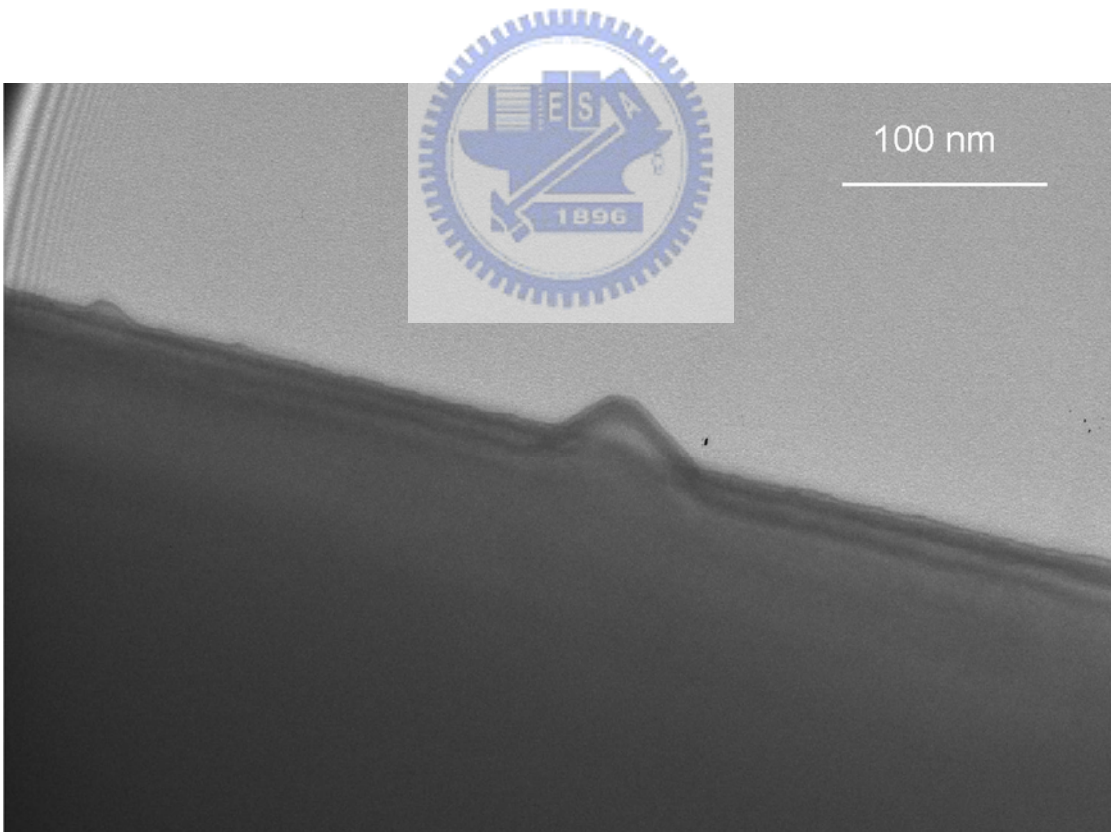
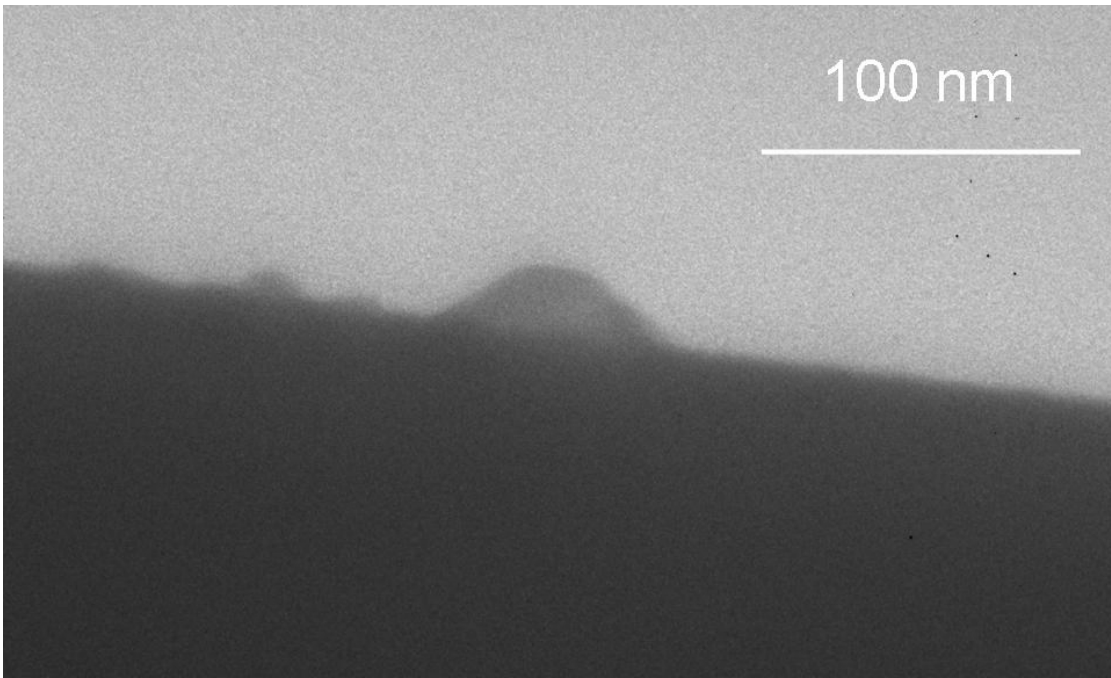


圖 5-7 InAsSb(6)樣品之 TEM 剖面分析圖



圖 5-8 InAsSb(6)樣品之 RHEED patterns