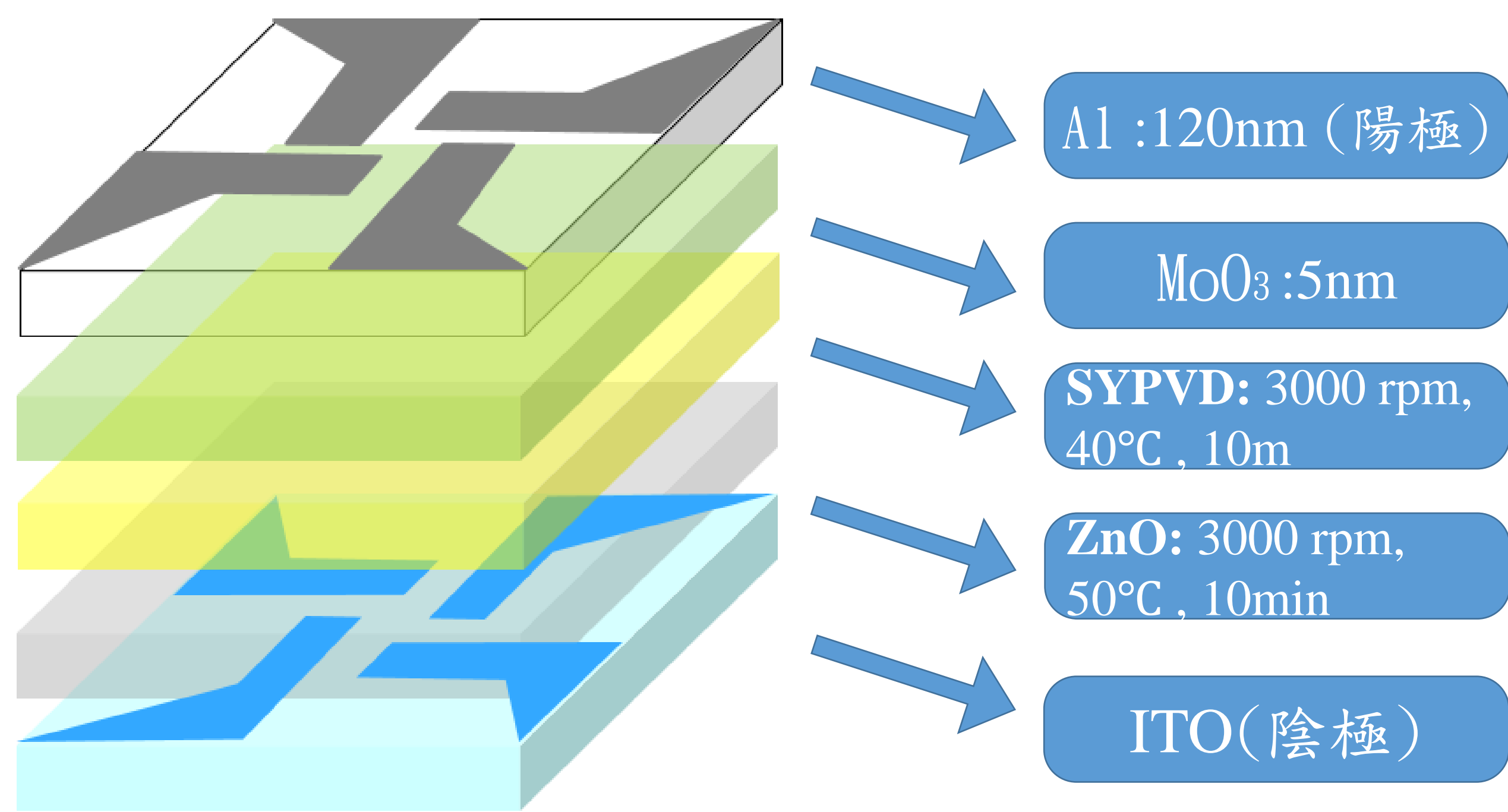


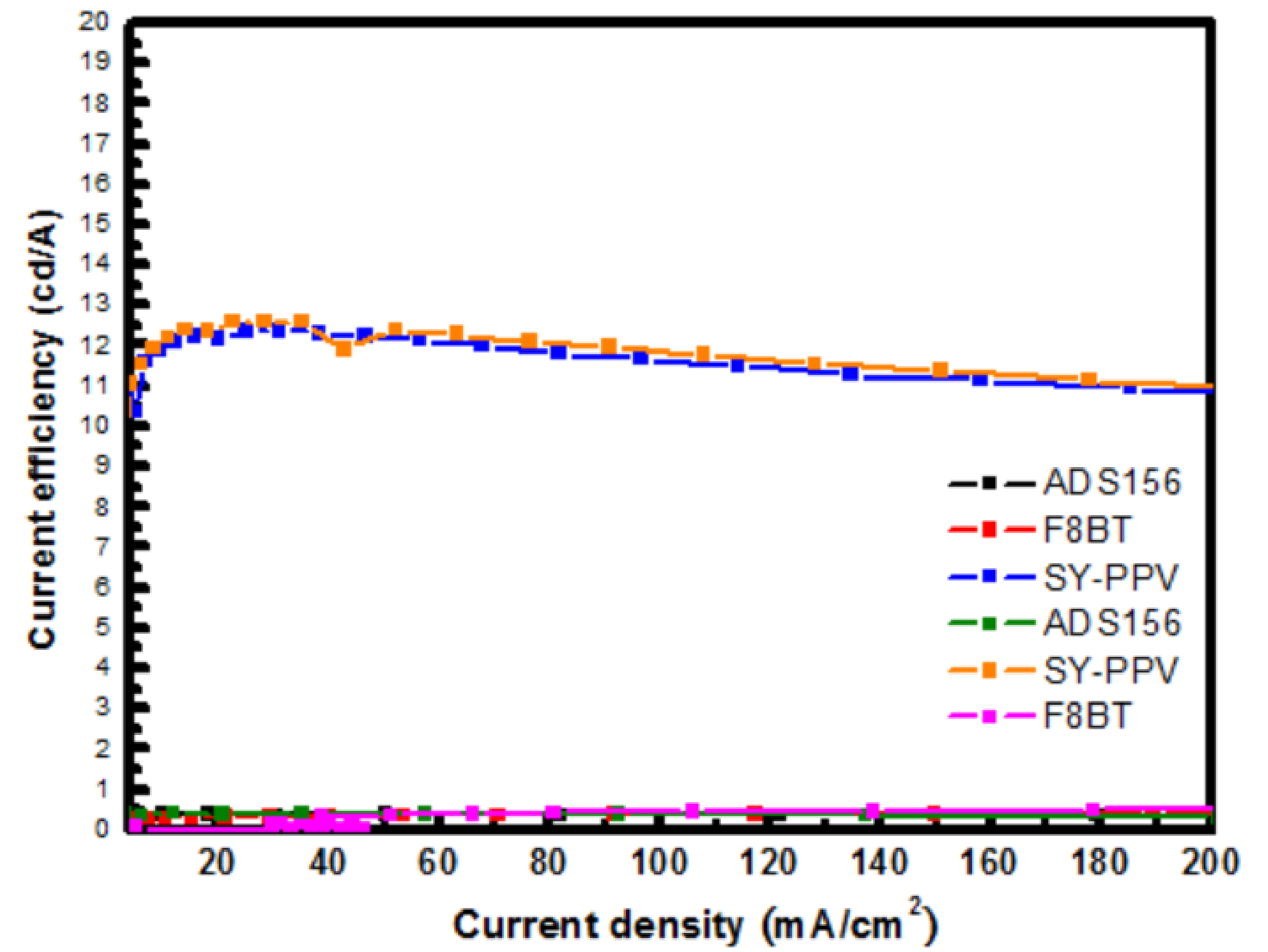
# 有機發光二極體反向結構與正向結構之比較

前言:

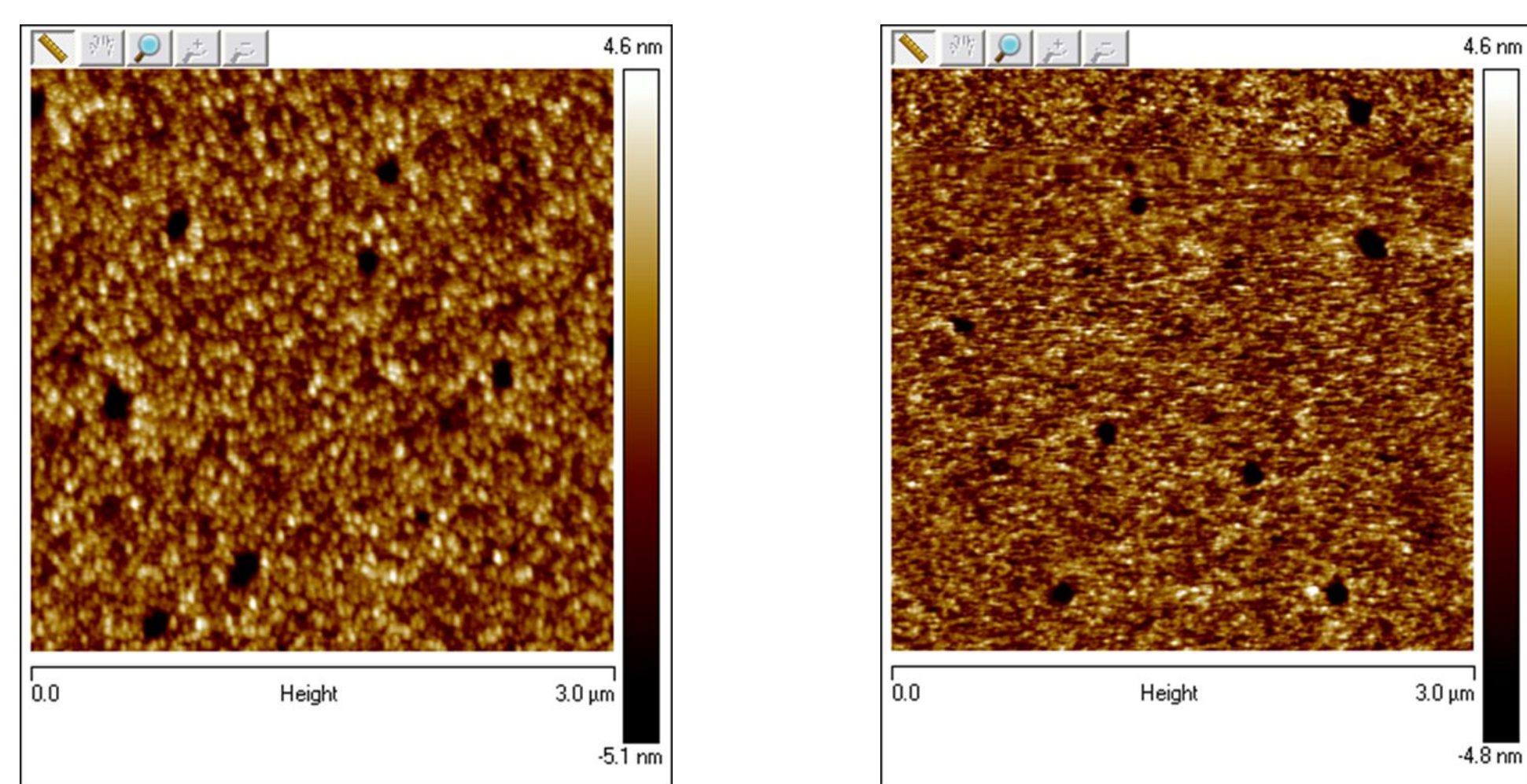
在本研究中，探討有機發光二極體(Organic Light-Emitting Diode、OLED)和其反向結構(Inverted Organic Light-Emitting Devices、IOLED)在相同發光材料上進行發光效率之比較和研究，也進行其電子傳輸層ZnO和MgZnO2之改善對發光效率的影響。



IOLED元件結構設計

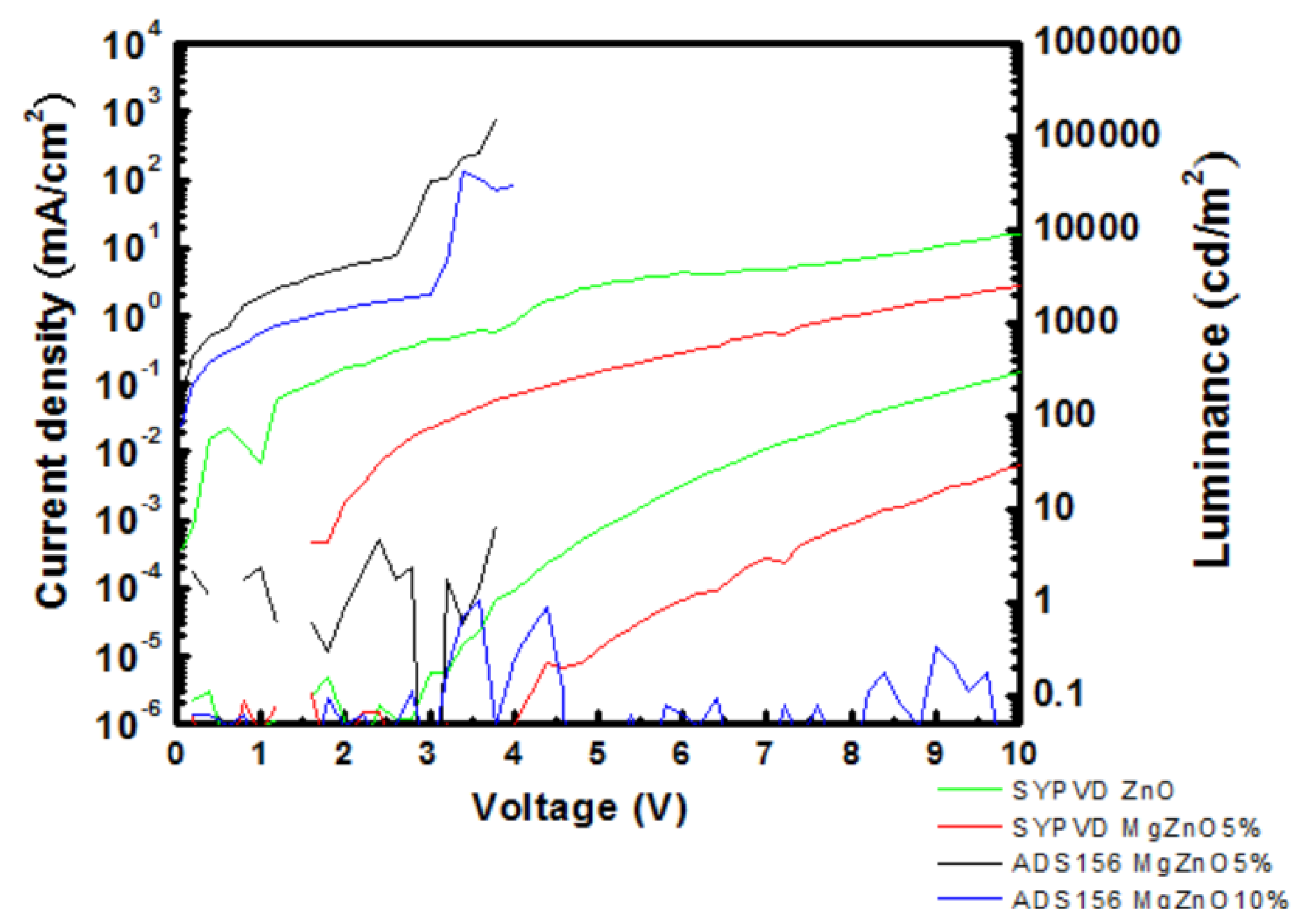


有機發光二極體之不同發光材料效率圖

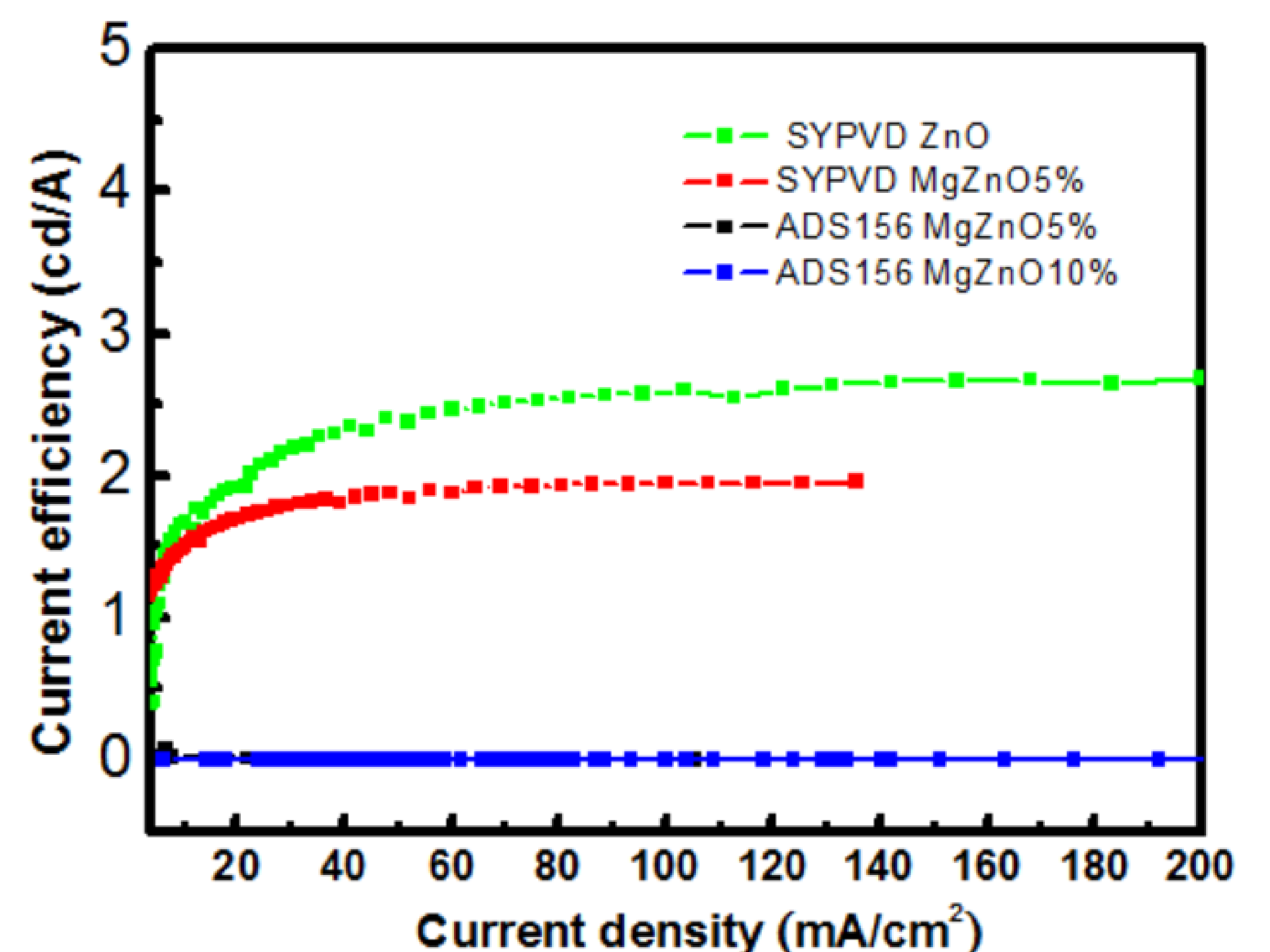
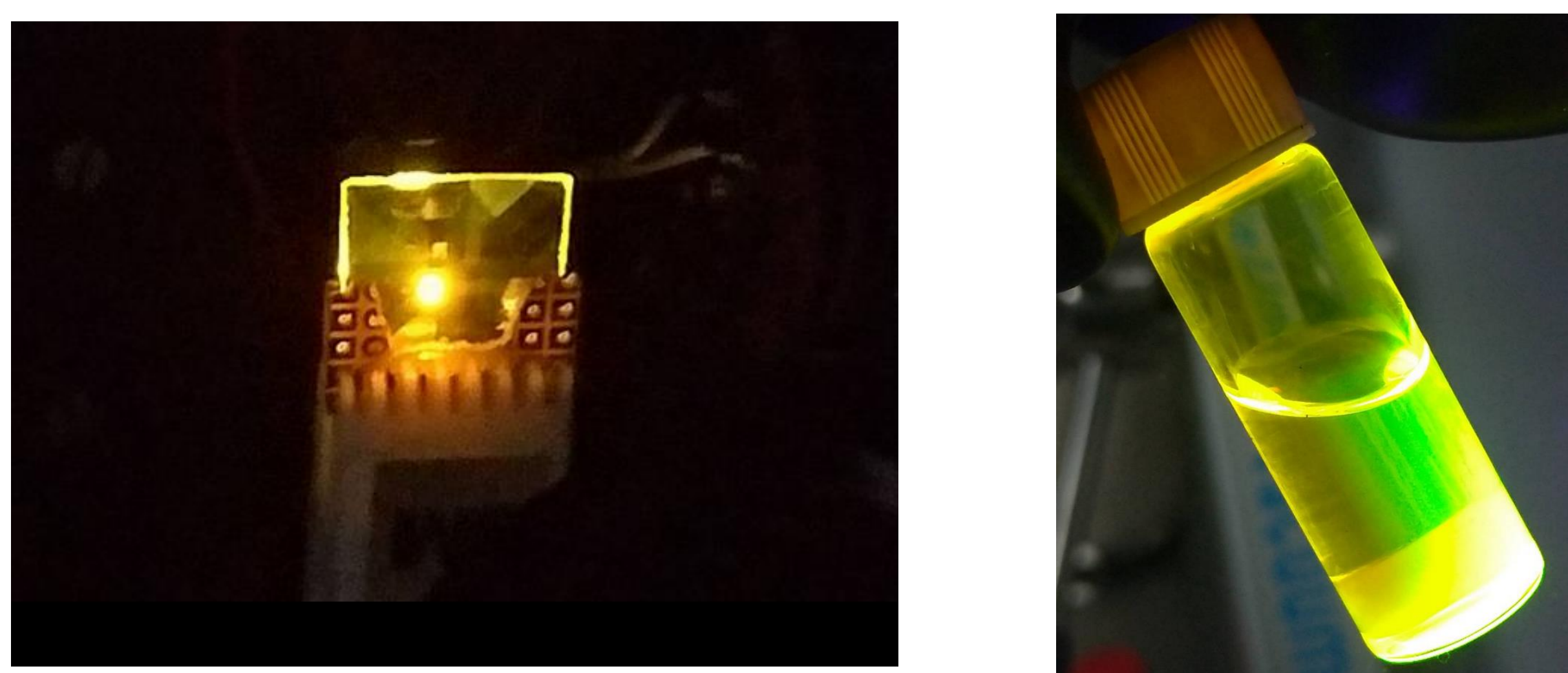


	F	G
Rq	1.44nm	1.40nm
Ra	1.04nm	1.02nm
Horizontal Distance	6.634(um)	72.495(um)
Vertical Distance	6.067(um)	72.860(um)

ZnO:AFM測量厚度和粗糙度。



反向有機發光二極體LJV圖



SYPVD元件發光圖和材料照此外光圖

