

SPC Process 雷射標準製程

製程:

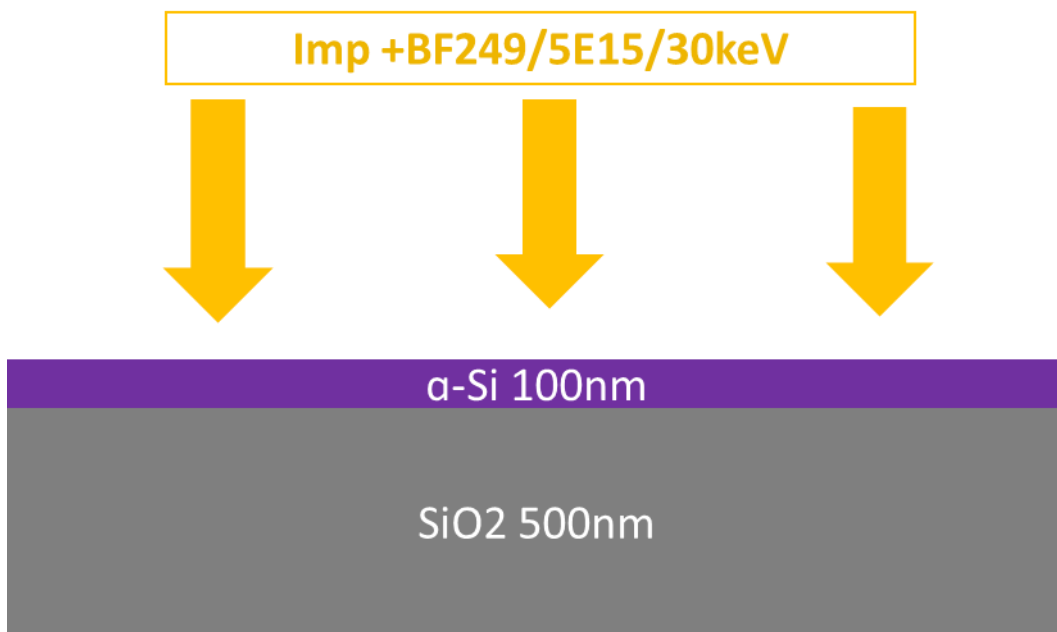
Standard Scan speed:

Blue 355nm/ Green 532nm: 5.0cm/sec (in scan rate 50%)

CO₂ Laser(10.6um): 7.5cm /sec (in scan rate 50%)

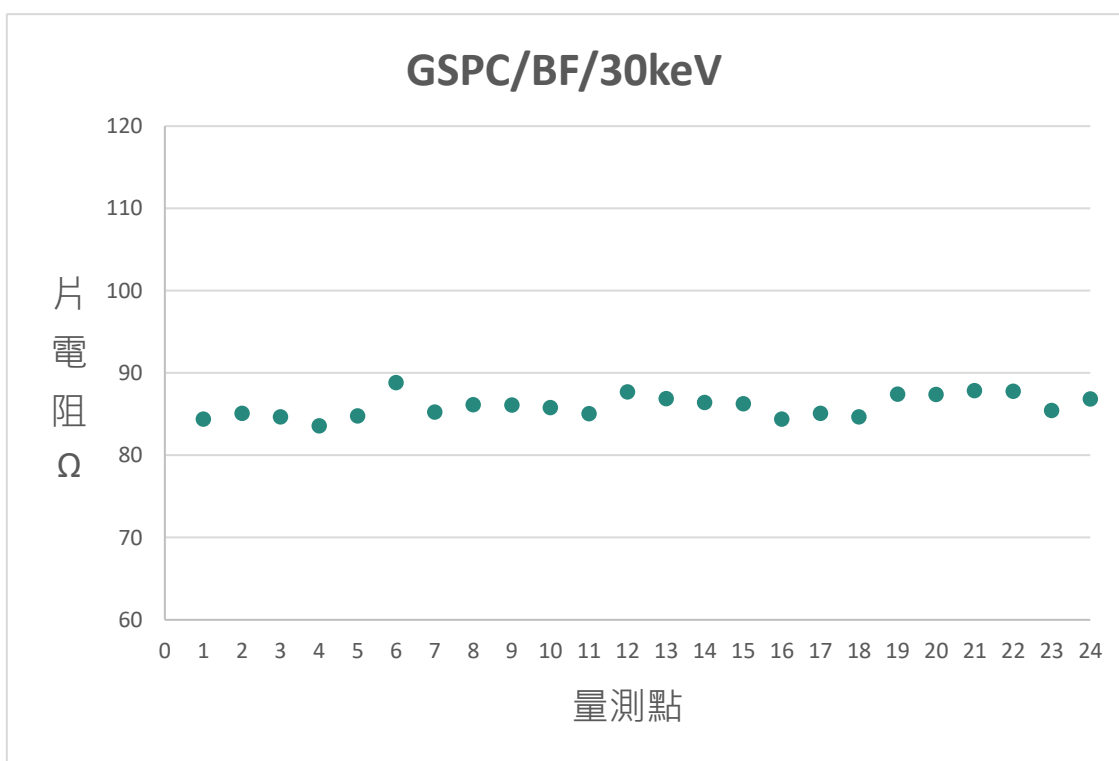
標準片條件:

(6") SI-sub/SiO₂ 500nm/Poly-Si 100nm / Imp BF249-5E15-30keV

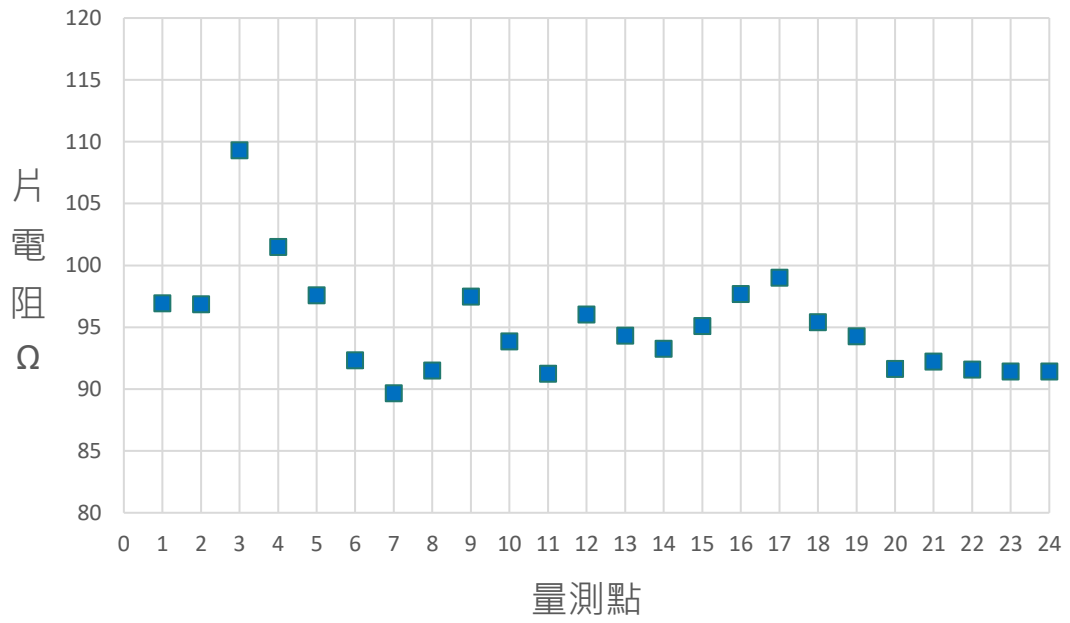


雷射種類	綠光雷射 GSPC	藍光雷射 BSPC	CO2 雷射 SPC
功率	4w	1.8w	125w/OPC285w
片電阻範圍	80~90Ω	88~100Ω	800~1200Ω
升溫	不升溫	不升溫	升溫 350°C

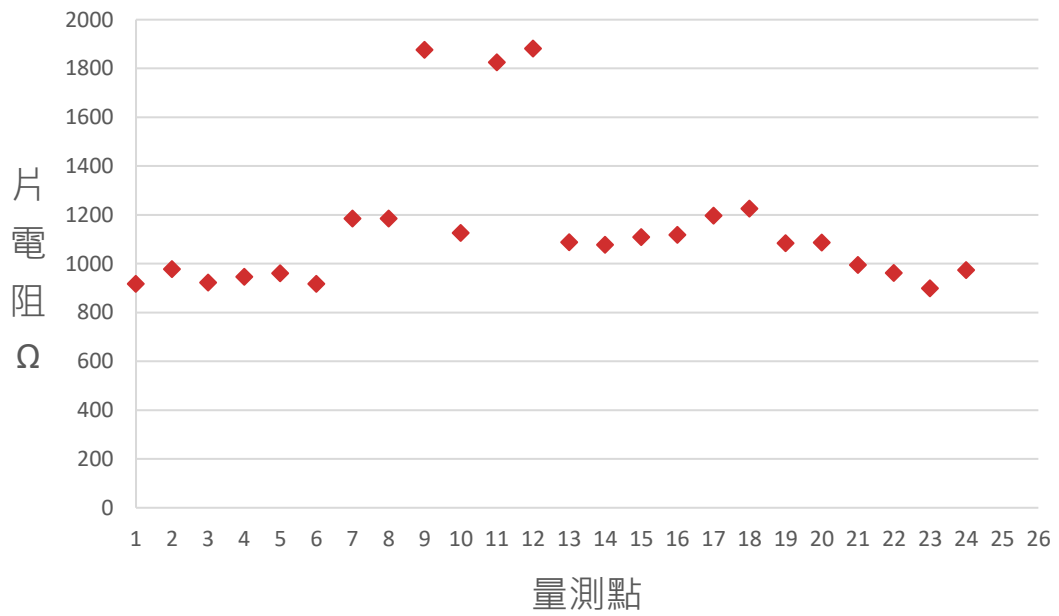
標準製程結果:



BSPC/BF/30KEV



CO2_SPC/BF/30KEV



Beam size data: