IL_COX/PW:
Poly over diffusion,
Without S/D injection

ILCOX_NWIDE:
diff over poly,
With S/D injetion
Poly Edge intensive

IIL_COX/PE:
Poly Edge intensive

IL_COX/PW_PE:
Diff Edge intensive

圖 13-26 不同狀況下的氧化層測試鍵結構示意圖。

Oxide Leakage:

Measure IG with $V_G = 0 \sim -15V$ (P-sub) , $V_B = 0V$ (Accumulation)
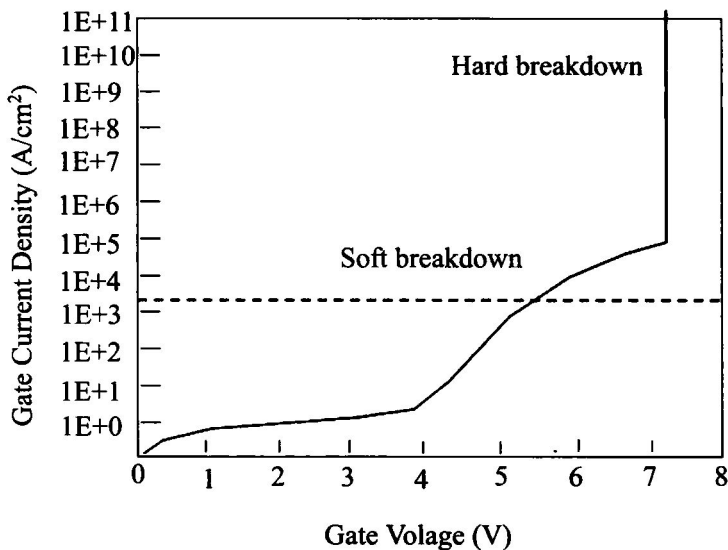
Oxide Breakdown Voltage:

Search $BVG_{OX} = V_G$, when $I_G = -1\mu A$

圖 13-27 典型氧化層漏電流與崩潰電壓測試結果。