

# 利用 LCR 與 AFD 方法評估 SC 合成工作於衰落通道中的比較與研究

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## 摘要

在這篇文章裡，平均平均準位跨越率(LCR)和平均衰落區間(AFD)標準的效能?底Q應用於分析選擇性合成(SC)分集。其中衰落通道模型擁有Rayleigh和Rician分佈統計的特性，研究過程中，我們考慮了分支之間都互相獨立(independent)和相關(correlated)關係。在SC分集中為了比較不同衰落通道之平均LCR和AFD之效能，其中某些研究成果已在論文中呈現，而且也置入以雙分支Nakagami-m和Weibull分佈通道之統計分佈衰落現象中的LCR與AFD之效能。

關鍵詞：Rayleigh；Rician；Nakagami-m；Weibull衰落通道；選擇性分集成成；平均 $\eta$ 位跨越率；平均衰落區間

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