



System Losses
6- N connectors -.3db
46' RFS LCF 78-50JA 7/8" Coax -.1587db
6' SCF-12-50 Coax -.0568db
Scala CA2-FM/50N antenna +4db
Total System Loss +3.4845db

TPO Calculation
ERP = TPO - System Loss
TPO = ERP + System Loss
ERP = 53.979dBm (250 Watts)
System Loss = +3.4845 dBm (+ antenna gain)
TPO= 53.979 - 3.4845 = 50.495 (112.1Watts)