



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)