



System Losses

6- N connectors -.3dB
 114' RFS LCF 78-50JA 7/8" Coax -.397dB
 26' SCF-12-50 Coax -.215dB
 Scala CA5-FM/CP/50N antenna +3.98dB
 Total System Loss (gain) +3.068dB

TPO Calculation

ERP = TPO - System Loss
 TPO = ERP + System Loss
 ERP = 53.979dBm (250 Watts)
 System Loss = +3.068 dB
 TPO= 53.979 -3.068 = 50.91 dBm