



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
<b>Total System Loss (gain) +3.068dB</b>

TPO Calculation
ERP = TPO - System Loss
TPO = ERP + System Loss
ERP = 53.979dBm (250 Watts)
System Loss = +3.068 dB
<b>TPO= 53.979 -3.068 = 50.91 dBm</b>