



System Losses
6- N connectors - .3dB (93.33%)
65' RFS LCF 12-50JA 1/2" Coax -.4355dB (90.46%)
32' SCF-12-50 Coax -.3192dB (92.91%)
Scala CA2-FM/CP/50N antenna -1.0dB (79.43%)
<b>Total System Loss (gain) 2.0524dB</b>

TPO Calculation
ERP = TPO - System Loss
TPO = ERP + System Loss
ERP = 53.979dBm (250 Watts)
System Loss = +2.0524 dB
<b>TPO = 250/0.7943/.9046/.9291/.9333 = 401 watts</b>