



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%)

Total System Loss (gain) 2.0524dB

TPO Calculation

ERP = TPO - System Loss
 TPO = ERP + System Loss

ERP = 53.979dBm (250 Watts)
 System Loss = +2.0524 dB

TPO = 250/0.7943/.9046/.9291/.9333 = 401 watts