

WGMF Brier Mtn STA Operating Parameters

Antenna: ERI/Harris FML-2E 2 Bay Rototiller Antenna

Antenna Efficiency = 0.9971

Cable: Andrew LDF4-50A ½ inch Foam Coax with 7/8" EIA connectors

Length = 50 ft. (15.24 meters)

Cable Efficiency = 0.9195 (91.95%)

Calculation --- TPO x Cable Eff x Antenna Eff = ERP
 1.2 kw x 0.9195 x 0.9971 = 1.1 kw

The Transmitter Power Output is 1.2 kilowatts.