

W226BZ

Macon, GA

TPO calculations

ERP = .120kw

Line efficiency = 51 percent (850 feet of 7/8" foam Heliax and .94 dB loss in Shivley filter)

Antenna power gain (2x scala CL FM_V) = 2.51

TPO = .094kw (94 watts)

$94w \times .51 = 47.94$ (antenna input power) $\times 2.51$ (antenna power gain) = 120.3 watts ERP.

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