

## Transmitter Power Output Calculation

**WFFL (FM)**

**1.5 KW – 91.7 mHz**

**Panama City, FL**

**September 2021**

Given:

ERP = 1.5 KW

Antenna Gain = .959 (multiplier)

Transmission Line = 81.6%

1.5 KW divided by the antenna gain of .959 = 1.5641 KW antenna input

1.5614 KW divided by the transmission line efficiency of .816 = 1.9168 KW TPO

Per Section 73.212 (a) 1.9168 KW Watts rounds to 1.9 KW.

**Bromo Communications, Inc.**