

Transmitter Power Output Calculation

The transmitter power output is 679 watts, arrived at using the following data:

Effective Radiated Power:	250 watts
ERI LPX-1E Antenna Power Gain:	0.4611
460 feet Andrew 1-5/8" air dielectric Heliax efficiency:	0.8112
Kintronic Labs Isocoupler, -0.07 dB:	<u>0.9840</u>
Transmitter Power Output:	679 watts