With our internal calculations, we have determined the following values:

- Total Power Output (TPO): 353 watts
- The gain of the Shively 6812 for two bays is 1.01.
- Utilizing 226.6 feet of 1/2-inch cable results in a system loss of 105 watts

Calculations:

$$TPO - SystemLoss = 353 watts - 105 watts = 248 watts$$

At the antenna:

$$248 watts \times 1.01 Gain = 250.4 watts$$

Therefore, the Effective Radiated Power (ERP) is 250.4 watts.

In summary:

**Final TPO=352**
**ERP 249.4 Watss**

- Total Power Output (TPO): 353 watts
- Effective Radiated Power (ERP): 250.4 watts.