

**Kyle Magrill**

**Broadcast Technical Consultant**

2805 NW 6<sup>th</sup> Street, Gainesville, FL 32609

(352) 246-7680 / (fax) 380-0230

### **TPO Calculations for W264DP**

Authorized Power output = 220W

Power input to Antenna for 220W ERP = 153.5W

Antenna Gain = 1.433

Coax Type: LDF5-50

Line efficiency = 74.45%

Power Loss in Line = 53W

Loss in Band Pass filter and associated jumpers = 30.5W

TPO = 237W

Kyle Magrill

Technical Consultant

(352) 335-6555

[kyle@circuitwerkes.com](mailto:kyle@circuitwerkes.com)