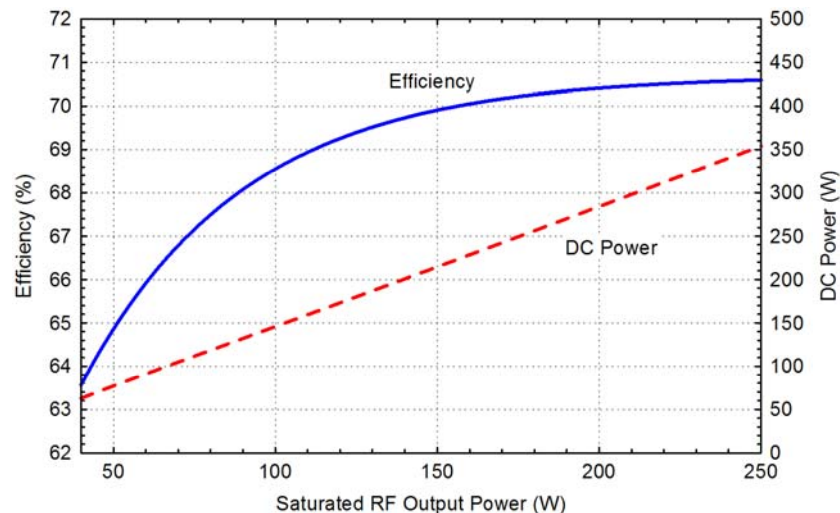
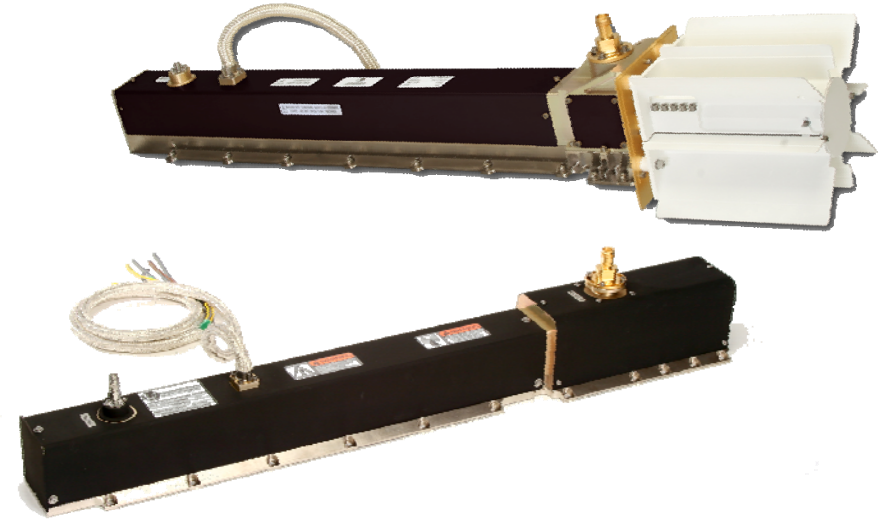


# 1 – 2 GHz / L-band Navigation 11/4/09

| Model             | 83200H / 83200HR |
|-------------------|------------------|
| Sat Power Range   | 150 - 250 W      |
| Efficiency        | 68 - 70%         |
| Sat Gain          | 37 - 45 dB       |
| Sat Drive         | +9 to +15 dBm    |
| Max Phase Shift   | 45°              |
| AM/PM @ Sat       | 4.5°/dB          |
| C/3IM @ -3 dB IBO | 10.0 dB          |
| Noise Figure      | 20 dB            |
| Mass              | 2950g / 2795g    |
| RF Input          | SMA              |
| RF Output         | TNC              |



- **Power range: 150 W to 250 W**
- **High efficiency: >68% @ 25 MHz BW**
- **Radiation and Conduction-cooled packages available**
- **Ideal for navigation applications**

**Electron Technologies, Inc.**

This technical data and software is considered as Technology/Software Publicly Available (TSPA) as defined in Export Administration Regulation (EAR) Part 734.7-11.

