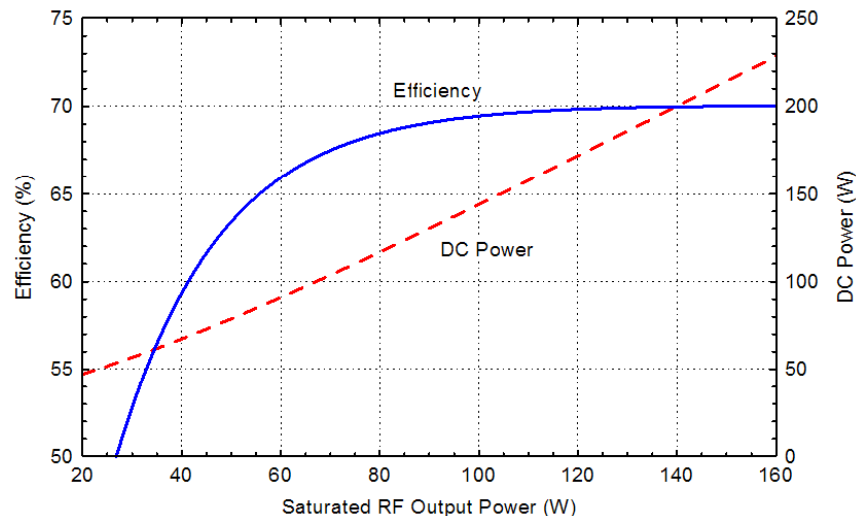
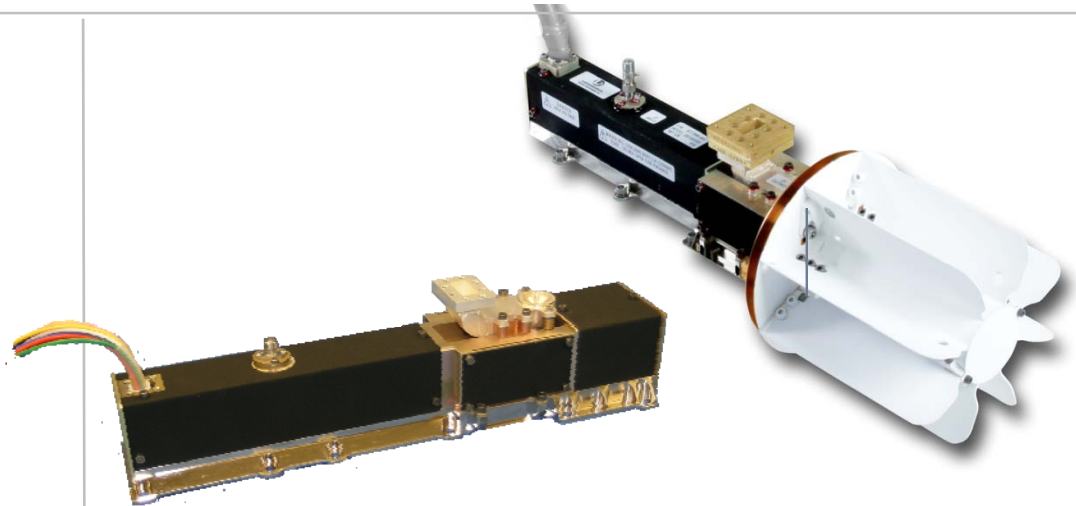


10.7 – 12.75 GHz / Ku-band Communications 9/14/09

Model	88150H / 88150HR
Sat Power Range	30 – 150 W
Efficiency	60 – 70 %
Sat Gain	47 – 53 dB
Sat Drive	-7 to +2 dBm
Max Phase Shift	45 °
AM/PM @ Sat	4.0 °/dB
C/3IM @ -3 dB IBO	10.0 dB
Noise Figure	25 dB
Mass: Conduction/Radiation	695g / 980g
RF Input	SMA
RF Output	WR-75 Waveguide



- Power range: 30 to > 150 W
- High efficiency: 70% @ 500 MHz BW
- Radiation- or Conduction-cooled package options
- >218 TWTs on orbit
 - (>1800 TWTs all Ku-band models)
- >1.3M on-orbit hours
 - >168 million all Ku-band models on-orbit hours)
- Industry standard for Telecommunication satellites, digital / HD television applications