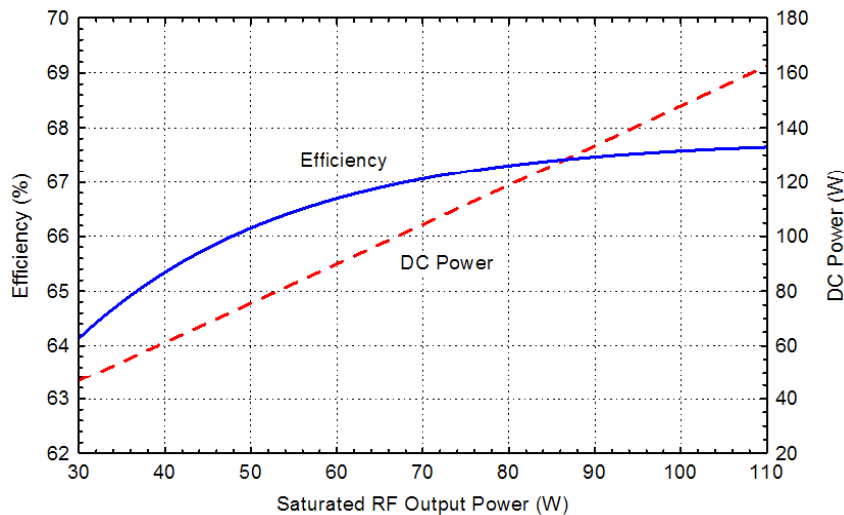
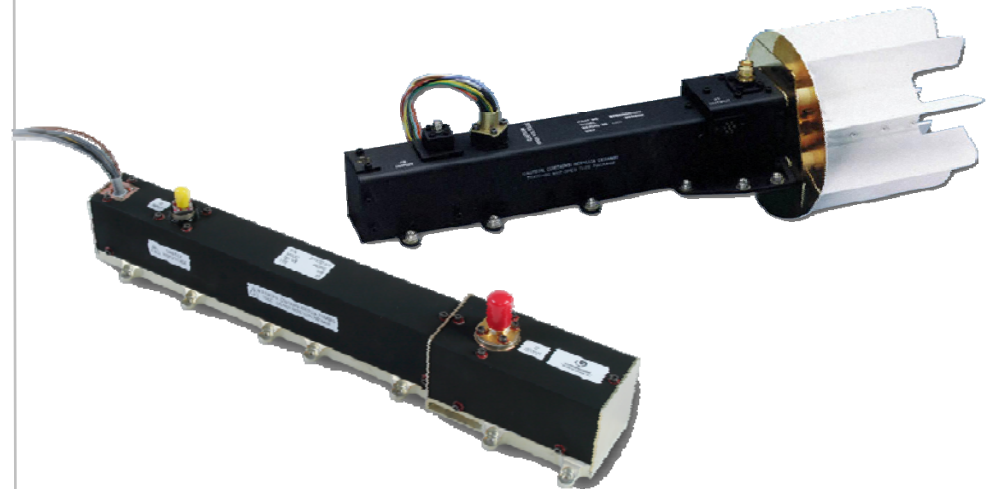


# 3.4 – 4.2 GHz / C-band Communications 11/18/09

Model	8555H / 8555HR
Sat Power Range	20 - 120W
Efficiency	70%
Sat Gain	47 – 56 dB
Sat Drive	-10 to -1 dBm
Max Phase Shift	45°
AM/PM @ Sat	4.0 °/dB
C/3IM @ -3 dB IBO	10.0 dB
Noise Figure	30 dB
Mass	790g / 1070g
RF Input	SMA
RF Output	TNC



- Power range: 20 to > 120 W
- High efficiency: 70% @ 300 MHz BW
- Radiation- or Conduction-cooled package options
- 8555H / 85100HR Series
  - 221 TWTs on orbit
  - >5.5 million on-orbit hours
- All ETI C-Band TWT Heritage
  - > 2,858 TWTs on orbit
  - > 240 million on-orbit hours
- Industry standard for telecommunication satellites