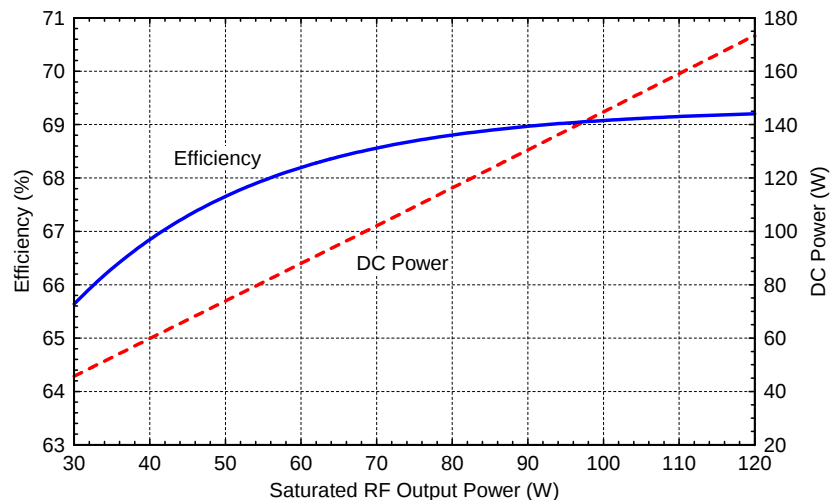
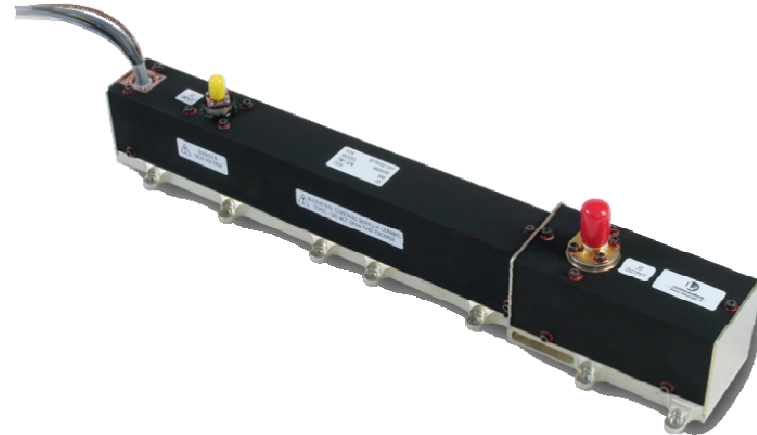


3.4 – 4.2 GHz / C-band Communications TWT 2/1/12

Model	8555H
Sat Power Range	20 - 120W
Efficiency	69%
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
RF Input	SMA </td
RF Output	TNC



- Power range: 20 to > 120 W
- High efficiency: 69% @ 300 MHz BW
- Conduction-cooled package
- 8555H Series (Current Generation)
 - 328 TWTs on orbit
 - >38.2 million on-orbit hours
- Other ETI C-Band TWTs (Heritage)
 - > 2,858 TWTs on orbit
 - > 240 million on-orbit hours
- Industry standard for telecommunication satellites