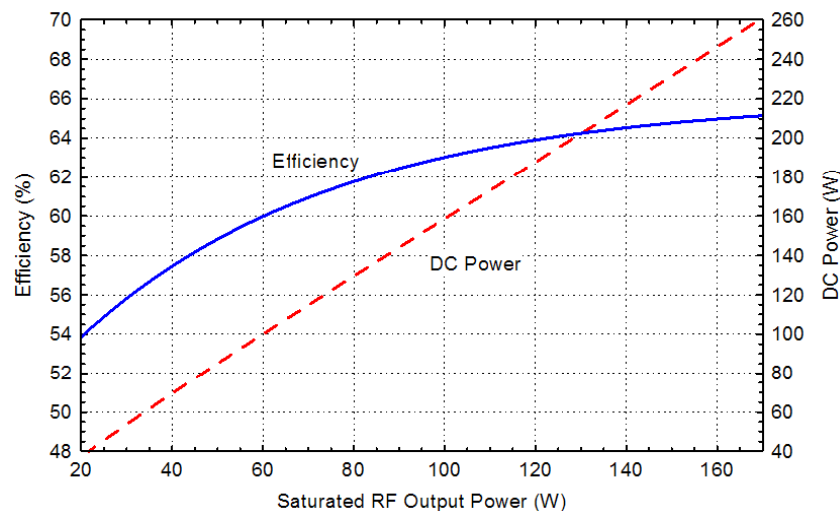
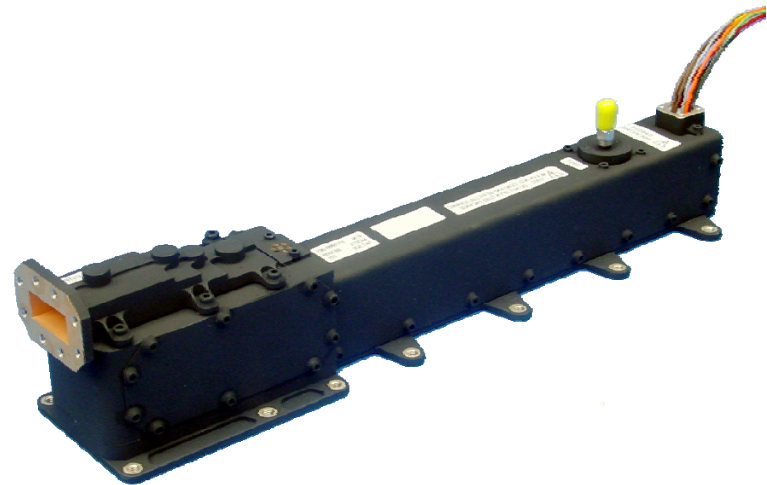


7 - 9 GHz / X-band Communications TWT 2/1/12

Model	86160H
Sat Power Range	20 – 165 W
Efficiency	54 – 65 %
Sat Gain	47 – 53 dB
Sat Drive	~ -1 dBm
Max Phase Shift	45 °
AM/PM @ Sat	4.0 °/dB
C/3IM @ -3 dB IBO	10.0 dB
Noise Figure	34 dB
Mass	965 g
RF Input	SMA
RF Output	WR-137 or WR-112



- Power range: 20 to > 165 W
- High efficiency: up to 65% over 500 MHz BW
- Conduction-cooled package
- >118 TWTs on orbit
 - (300 TWTs all X-band heritage models)
- >1.9M on-orbit hours
 - (>18 million all X-band models on-orbit hours)
- Communications link for military applications