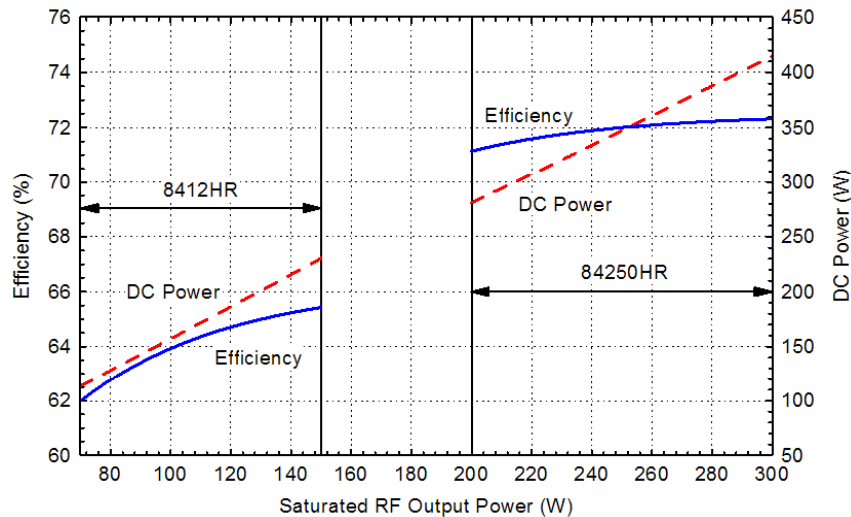
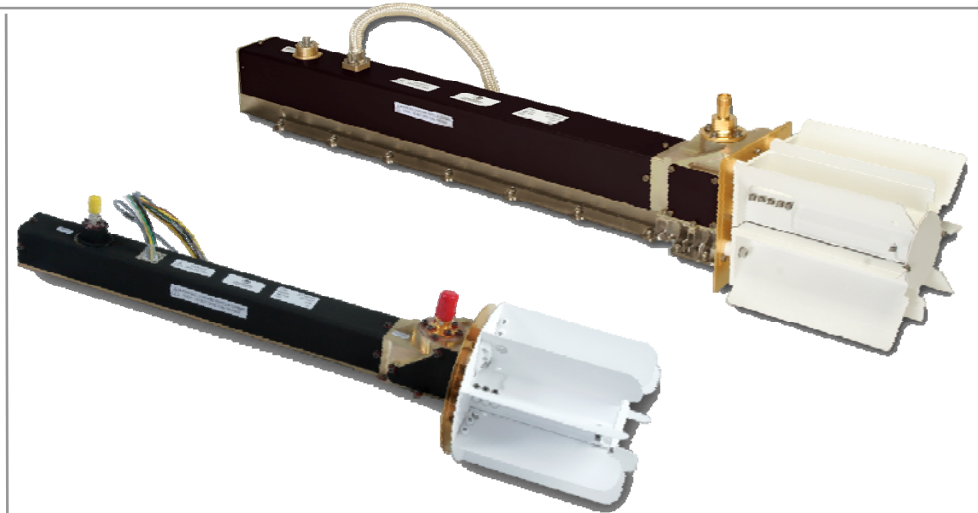


2.3 – 2.8 GHz / S-band Communications 9/14/2009

Model	8412HR	84250HR
Sat Power Range	90 - 140 W	200 - 300 W
Efficiency	63 - 66%	74%
Sat Gain	47 – 53 dB	42 – 48 dB
Sat Drive	-1 to +5 dBm	+5 to +10 dBm
Max Phase Shift	45 °	45 °
AM/PM @ Sat	4.0 °/dB	4.0 °/dB
C/3IM @ -3 dB IBO	10.0 dB	10.0 dB
Noise Figure	25 dB	18 dB
Mass	1250g	2250g
RF Input	SMA	
RF Output	TNC	



- Power range: 90 to 300 W
- High efficiency: >70% @ 50 MHz BW
- Conduction-cooled package available
- >240 TWTs on orbit
- >9.6M on-orbit hours
- Ideal for Digital Audio and Mobile Video satellite payloads