

0.52 – 2.55 GHz | 60 W Psat

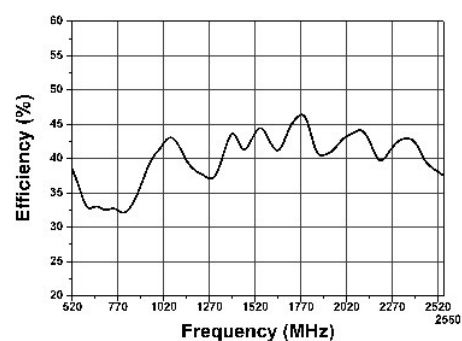
Innovative

This is a broadband power amplifier that delivers a typical saturated output power (P_{sat}) of 60W over the frequency range 0.52GHz to 2.55GHz. This amplifier is designed as a 'commercial of the shelf' product (COTS), providing high output powers with good overall efficiency.

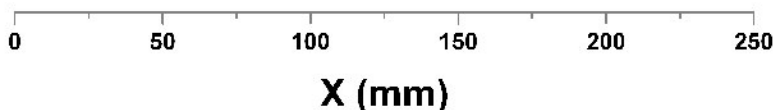
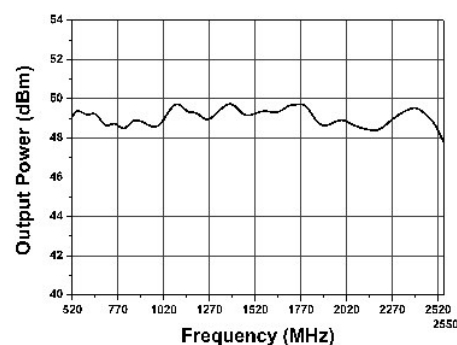
Designed for quality

Operating Frequency	0.52 - 2.55 GHz
Saturated Power (P_{sat})	48 dBm MIN
Efficiency @ P_{sat}	35 %
Gain	50 dB
Gain Flatness (27.5 to 28.5V)	± 1.5 dB
Current Consumption @50 W	6 A typical
Dimensions	188 x 91.5 x 33 mm
RF Connectors	50 Ω SMA Jack

P_{sat} Efficiency



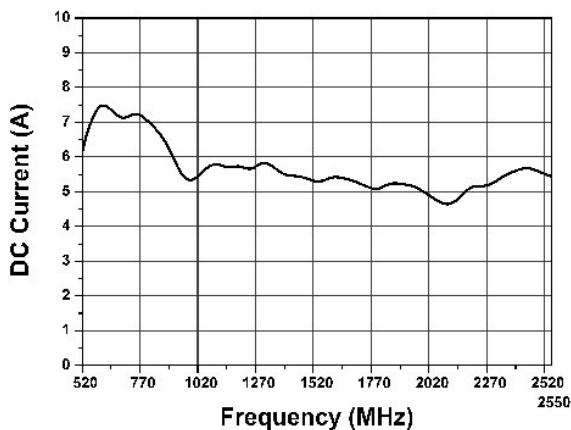
P_{sat} Output Power



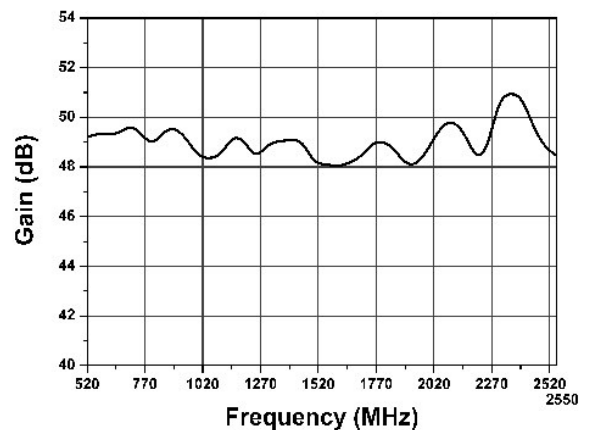
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Reliable

Current @50 W



Gain



Customer focused

Our current capabilities include:

- ◆ RF components manufactured to customer specific designs
- ◆ DC-40 GHz core capability with higher frequencies available
- ◆ High frequency synthesisers
- ◆ Complete design service with or without customer design content
- ◆ Comprehensive test and evaluation
- ◆ Testing fully automated
- ◆ Results analysed using six sigma techniques

...we would like to discuss your bespoke design requirements