

S-Band 25 Watt Power Amplifier

APPLICATIONS

- Digital Broadcast
- Communication and Data
- COFDM Digital Modulation

DESCRIPTION

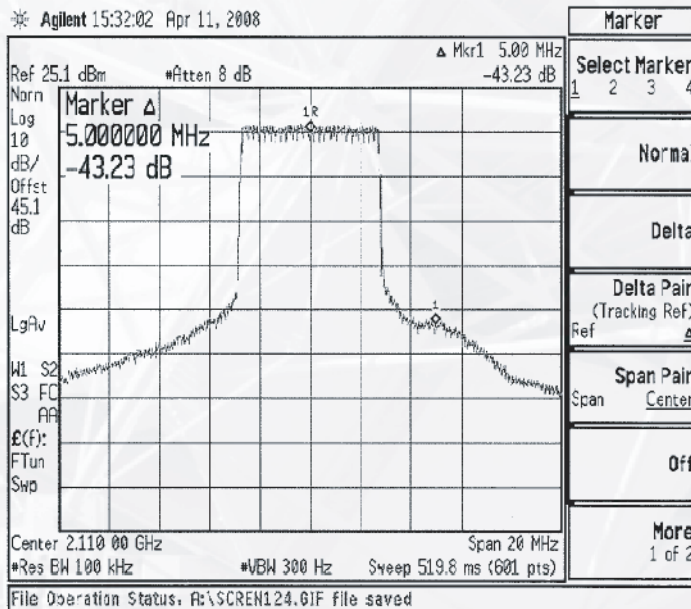
- Frequency Bands 1990-2110 MHz and 2450-2500 MHz
- Meets FCC regulation for Digital Broadcasting
- 55 dB Gain min. +/- 1 dB Flatness
- 25W Output Power, 5W in COFDM
- <-40 dBc Spectral Regrowth @ 37dBm

FEATURES

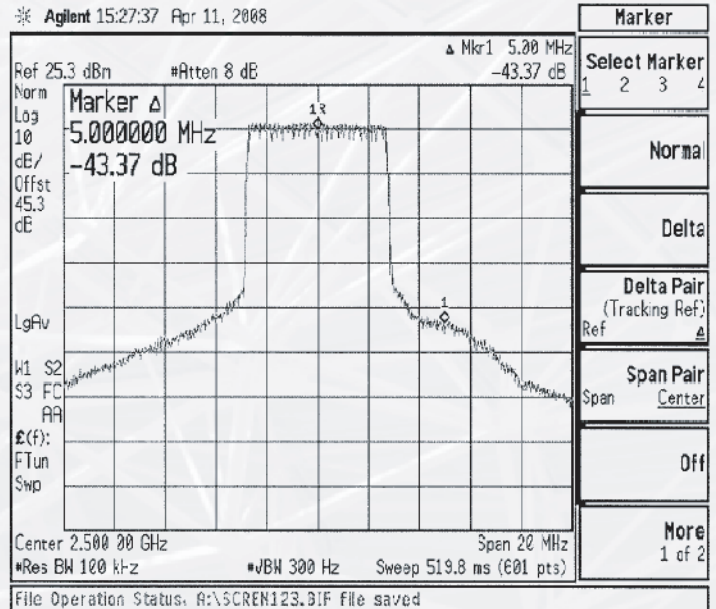
- Low Cost Design
- +27 V @ 4 A typ (35W Pout)
- Detector Voltage >20 dB Linear Response
- Harmonics < -70 dBc
- Operating Temperature -40 to +85C
- Compact Size 6.0" x 2.5" x 0.75"



Spectral Regrowth at 2.11GHz



Spectral Regrowth at 2.50GHz



Specifications are subject to change without notice

For Custom Designs Contact KMIC Technology, Inc.

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