Features:
- Variable Modulation Schemes
- High Power Output: 1 W minimum
- Bit Detection

Electrical Specifications

- Frequency Range: 2.9 - 3.1 GHz
- Step Size: 250 kHz
- Switching Speed: 500 µs, typical
- Output Power: +32.0 dBm ± 1 dB
- SSB Phase Noise (dBc/Hz, typical):
  - Offset
    - 1 kHz: -80 dBc
    - 10 kHz: -85 dBc
    - 100 kHz: -100 dBc
    - 1 MHz: -120 dBc
    - 10 MHz: -145 dBc
- Modulation Clock: 10 MHz, Differential TTL
- Test Output: 480 MHz
- Spurious: -50 dBc, maximum
- Harmonics: -45 dBc, maximum
- Output VSWR: 1.3:1, maximum
- Tuning Control: 10 bit Parallel, Differential TTL
- BITE Scheme: Failure Alarm & Parity bits
- Pulse On/Off Ratio: 60 dB, minimum
- Modulation: Continuous Shift Quadrature, 13 bit Barker Code
- DC Power: ±15 V, +5 V
- Power Consumption: 23 W (Pulsed)

Environmental Specifications

- Operating Temperature: -54 to +75 °C, baseplate
- Environment: Various

Mechanical Specifications

- Size (no connectors): Note 1 9 x 6.1 x 1.8 inches
- Weight: Note 1 3 lbs (1.36 kg)
- RF Connectors: SMA Female
- DC Connector: 50 pin Type D

Note 1: Measurements without heat sink

Specifications subject to change without notice.

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