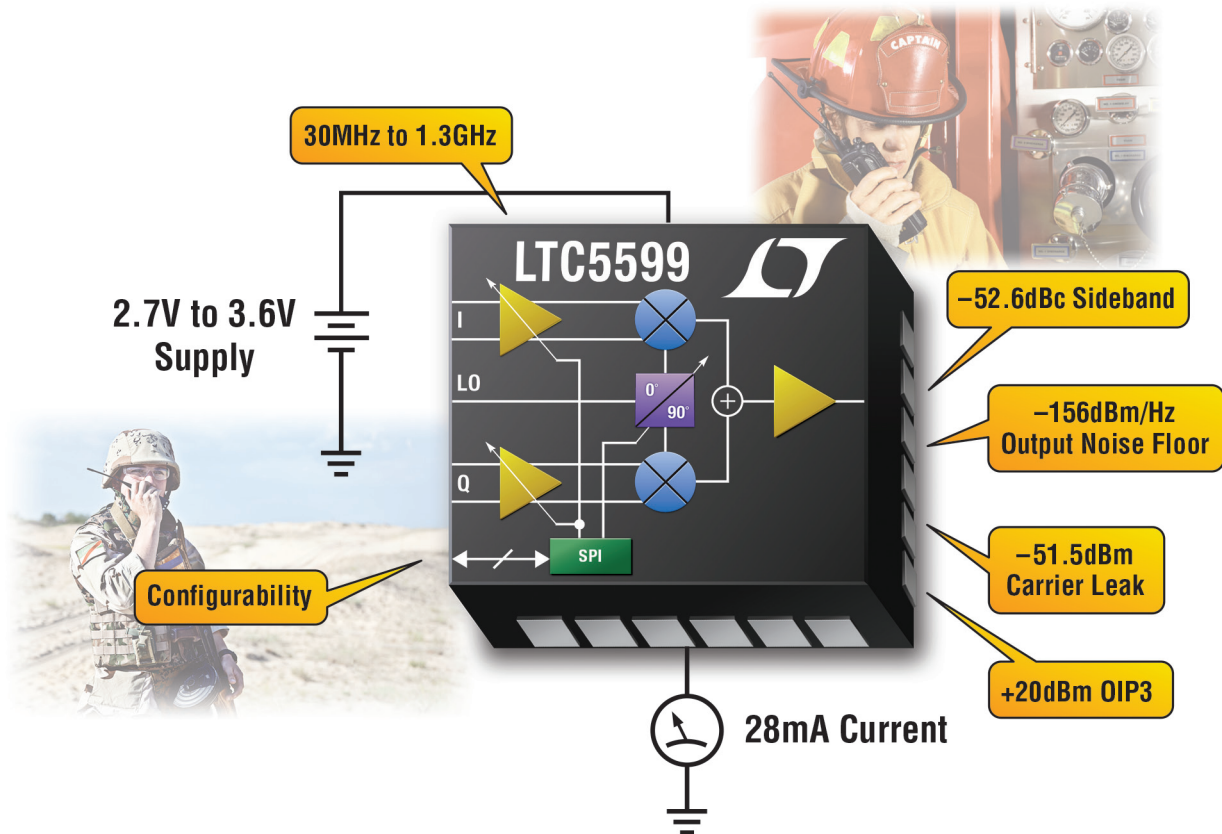


90mW I/Q Modulator



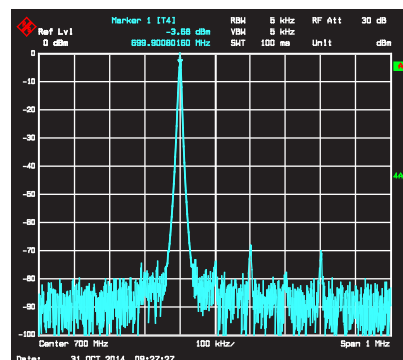
Powered from a single supply from 2.7V to 3.6V, the LTC[®]5599's 28mA supply current extends battery run time. The modulator offers superb -52.6dBc sideband and -51.5dBm carrier suppression—without the need of calibration. Its low noise floor of -156dBm/Hz and 20dBm OIP3 capability ensure outstanding transmitter performance. The LTC5599's built-in configurability allows users to optimize performance from 30MHz to 1.3GHz, minimizing external components and saving costs.

▼ Features

Built-in Configurability Features:

- Gain Adjustable from 0dB to -19dB, with Supply Current Change from 35mA to 8mA
- Improves Sideband Suppression from -52.6dBc to -60dBc
- Reduces Carrier Leakage from -51.5dBm to -60dBm

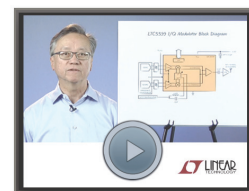
Output Spectra (Optimized)



▼ Info & Free Samples

www.linear.com/product/LTC5599

1-800-4-LINEAR



www.linear.com/solutions/5429

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