

WORLD'S FIRST RF PREDISTORTER IC SHATTERS THE SIZE, COST, & PERFORMANCE BARRIERS OF PA LINEARIZATION!

PERFORMANCE ENHANCEMENT...

- ◆ Class AB Applications:
 - ◆ 5.7dB of IM3 Improvement^{††}
 - ◆ 4dB of ACPR Improvement^{††}
 - ◆ Up to 5.5% Efficiency Enhancement^{††}
- ◆ Class A Applications:
 - ◆ Up to 12dB of ACPR Improvement

WITH UNPRECEDENTED FLEXIBILITY...

- ◆ Independent Controls for G and Ø Expansion
- ◆ Allows for Open- or Closed-Loop Operation
- ◆ Applicable for All Signal Formats (WCDMA, cdma2000™, GSM/EDGE, iDEN™, WLAN, etc.)
- ◆ Exceptionally Wide Frequency Ranges
 - MAX2009: 1200MHz-2500MHz
 - MAX2010: 500MHz-1100MHz

AND ELEGANT SIMPLICITY...

- ◆ Expansion Characteristics Defined by Adjustments of G and Ø Breakpoints and Slopes

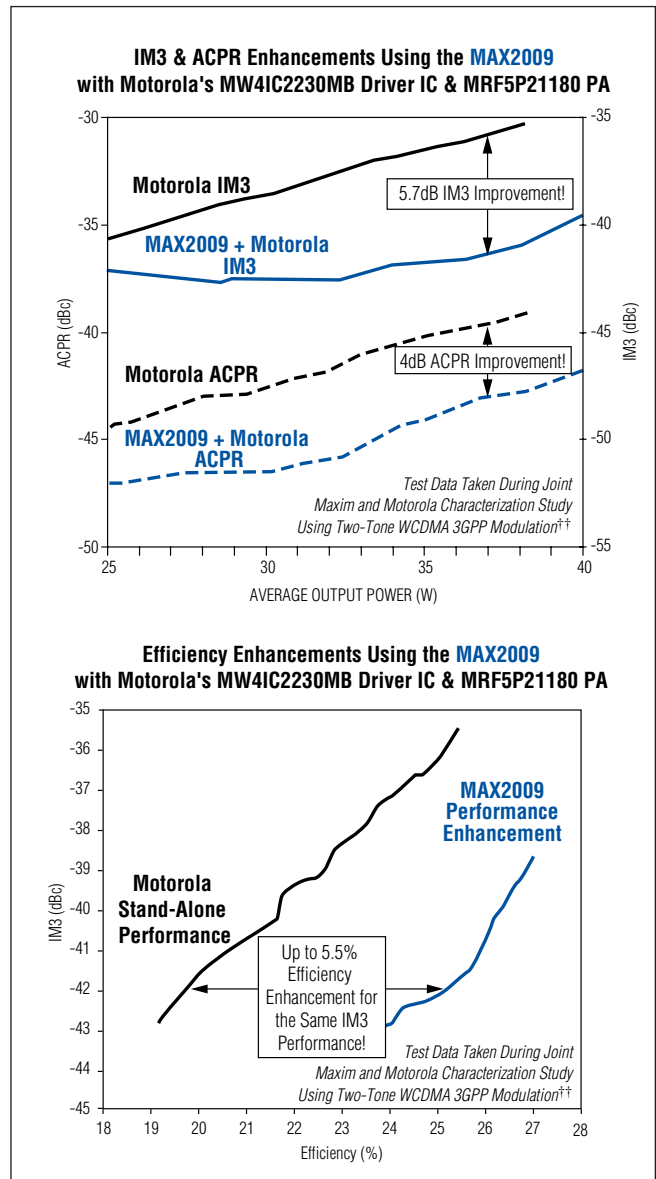
IN AN INCREDIBLY SMALL PACKAGE...

- ◆ 25x Less Space and 55% Fewer Parts than Comparable Discrete Solutions
- ◆ 5mm x 5mm 28-Pin TQFN

AND EQUALLY IMPRESSIVE PRICE!

- ◆ Pricing Starts at \$9.95[†]

^{††}WCDMA 3GPP Modulation, f1 = 2.14GHz, f2 = 2.15GHz, Channel Spacing = 10MHz at 3.84MHz BW, Peak/Avg. = 8.5dB @ 0.01% Probability (CCDF)
 cdma2000 is a trademark of the Telecommunications Industry Association.
 iDEN is a trademark of Motorola, Ltd.
[†]1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates.



www.maxim-ic.com/BasestationSolutions

FREE Wireless Design Guide—Sent Within 24 Hours!

CALL TOLL-FREE 1-800-998-8800 (6:00 a.m.–6:00 p.m. PT)

For a Design Guide or Free Sample

