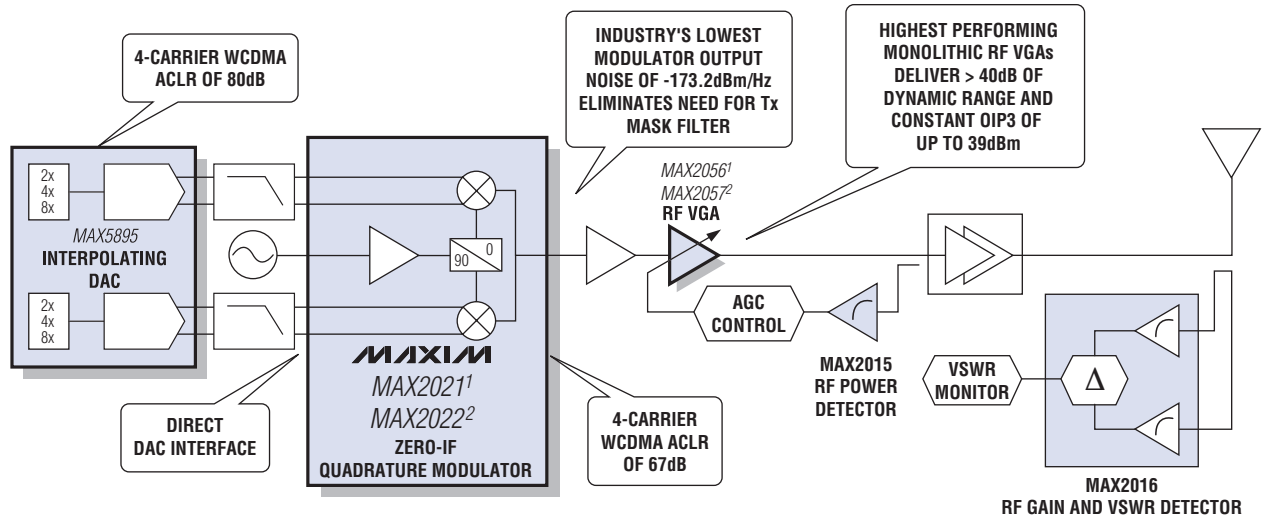


# HIGHEST LINEARITY, LOWEST NOISE, DIRECT-CONVERSION TRANSMITTER FOR FOUR-CARRIER WCDMA BASE STATIONS

Complete DAC + Modulator + RF VGA Tx Reference Designs Now Available!



## Maxim's Complete UMTS Base-Station Transmitter Solution<sup>‡</sup>

No. of Carriers	1C	2C	4C
Cascaded carrier power (dBm)	0	-3	-6
Cascaded ACLR (dB)	73	68	66
Cascaded noise floor (dBm/Hz)	-146	-146	-146

<sup>‡</sup>Includes cascade of the MAX5895, MAX2022, 12dB gain block, and the MAX2057.

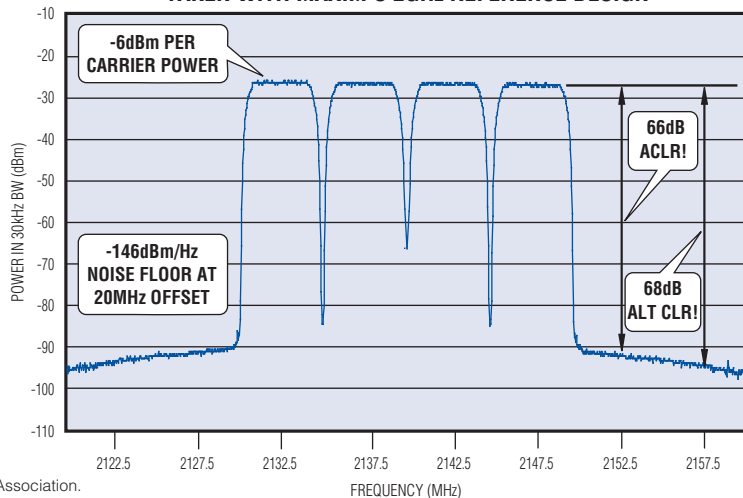
Ideal for RFID, GSM, DCS/PCS, cdma2000<sup>®</sup>, and WiMAX Apps as well!

Note 1: Operates from 750MHz to 1200MHz

Note 2: Operates from 1500MHz to 3000MHz

cdma2000 is a registered trademark of Telecommunications Industry Association.

## 4-CARRIER UMTS/WCDMA SPECTRAL PLOT TAKEN WITH MAXIM'S 2GHZ REFERENCE DESIGN



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