

High Dynamic Range MMIC Amplifier

Mini-Circuits PHA-1+ Ultra high dynamic range MMIC amplifier supports low intermodulation amplification over the broad frequency range of 50 MHz to 6 GHz. This design provides a unique combination of high Output IP3 (typically +42 dBm) while maintaining a noise figure less than 3 dB up to 4 GHz and typical gain of 14 dB at 2 GHz. Overall performance is comparable to the WJ-AH1 and may be used as a replacement model in high dynamic range systems including linearized transmitters and high dynamic range receivers.

Source URL (retrieved on 03/06/2015 - 2:43am):

<http://www.wirelessdesignmag.com/product-releases/2009/08/high-dynamic-range-mmic-amplifier>