

Linearizer Products



S-Series | C, X, Ku, K, Ka & Q-Band



H-Series | V-Band

Compact Digital or Analog Interface Linearizer Modules for SATCOM Uplink Power Amplifiers

The S-Series and H-Series linearizers are front-end mini-systems used in conjunction with a TWTA, MPM, or SSPA to provide superior HPA linearity performance at high power levels.



LBUC-Series | X, Ku, Ka, Quad & Dual-Band

Linearizer and Block Up Converter in One Package

The **LBUC-Series** is a linearizer combined with a block up converter used in conjunction with a SSPA, TWTA or MPM amplifier to provide a less complex system linearity solution, while providing advantages in cost, size, mass, and complexity.



N-Series | C, X & Ku-Band

Economical Solution for Multi-Band HPAs

The **N-Series** offers a multi-band front-end linearizer mini-system used primarily in conjunction with tri-band TWTAs, but also with multi-band HPAs to provide world class linearity performance over several uplink bands in a single unit.



X-Series | C, Ku & Ka-Band

Predistortion Linearizer Modules

The **X-Series** linearizer is a set and forget linearizer module used in conjunction with GaN SSPAs or TWTAs to provide compact outstanding linearity.



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After Market Distortion Correction Solutions



WAFL-Series | L/S, C, X, Ku, K (DBS), Ka & Q-Band

Provide TWTAs with an effective 4x power increase with digital and multicarrier traffic

The **WAFL-Series** is a rack mount linearizer system used to upgrade the linear performance of satellite teleports or other facilities' existing amplifiers.

Gain Flatness/Phase Equalizers (TEQS)



TEQ-Series Equalizer | C, X, Ku and Ka- Satellite Bands

TEQ series module equalizers designed to correct the frequency response slope/flatness of satellite band PAs and systems/ components.

Custom Solutions



Custom MIC/Hybrid Linearizer Modules

Available for VHF, UHF, and microwave and millimeterwave bands for use with bipolar, FET, MESFET, HEMT and HBT devices.

NPR Test Equipment



Test sets for NPR using analog signal generation with analog noise sources are available from HF to millimeter bands.

Custom Distortion Test Systems

- Multi-tone, NPR, ACP
- Satellite Band Custom Frequencies + Bandwidths Available
- Self Contained Noise Source + Filters
- Supports Testing of L, S, C, Ku + K Band in a Single Test-Set



Airborne Linearizers & SSAs | Ku, Ka & Q-Band

Compact Linearizer or SSA used in conjunction with MPMs to provide superior linearity and RF drive power in harsh environments.