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Advanced Techniques in RF Power

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Figure 1.10 Device characteristics tailored to give current waveforms

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having only even harmonics, as shown in Figure 1.9, for sinusoidal voltage input. Conventional Class B using linear device is shown dotted. - "Advanced Techniques in RF Power Amplifier Design"

Figure 1.10 from Advanced Techniques in RF Power Amplifier ...

To alleviate integration issues, new GaAs processes such as BiFET or Bi-HEMT are now being developed to enable grouping of different functions, such as linear power amplification, logic and control circuitry, RF switching, and low noise power amplification on a single die for RFFE module integration.

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Advanced Techniques in RF Power Amplifier Design

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our thesis, novel predistortion techniques are presented for this

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purpose. Firstly, we improve the digital injection

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