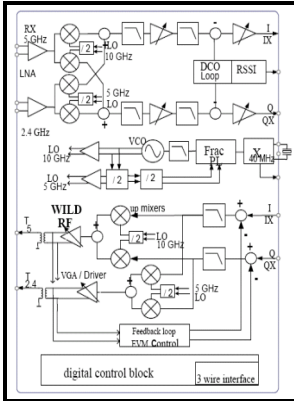


Distortion correction in a high power varactor convertor.

- - US20070188244A1



Description: -

-Distortion correction in a high power varactor convertor.

-

ThesesDistortion correction in a high power varactor convertor.

Notes: M.Sc. thesis. Typescript.

This edition was published in 1974



Filesize: 69.77 MB

Tags: #19th #Asia #and #South #Pacific #Design #Automation #Conference #(ASP

19th Asia and South Pacific Design Automation Conference (ASP

Graph 564 plots the capacitance of phase shifter 324 also known as an output varactor or as a cascade varactor as a function of power using curve 566.

US20100127774A1

The intermediate RF amplifier stage 36B further amplifies the first interstage RF signal 76 and generates the second interstage RF signal 80.

US20100127774A1

Exemplary nonlinear elements include: capacitor 280 alone or as part of a transistor , power amplifier 282, filter 284, switch 286, and resistor 288. However, in other embodiments, the closed-loop gain linearization circuit 50 and the closed-loop phase linearization circuit 52 may simply reduce non-linearity.

US Patent for Amplifier phase distortion correction based on amplitude distortion measurement Patent (Patent # 9,391,565 issued July 12, 2016)

This correlation may be a positive correlation such as the PM distortion being positive when the AM distortion is positive , or may be a negative correlation such as the PM distortion being positive when the AM distortion is negative, not shown.

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