RF Design Book

This would make a great Christmas gift for the ham who experiments with RF circuits. The book, entitled Radio Frequency Transistors: Principles & Applications, is not one of those books that simply provides pages of data sheets with cookbook circuits. This book will actually help you to understand how various active components work and how to design circuits for the exact application you need.

The book discusses selection of solid-state devices for specific applications, bipolar devices vs field effect transistors, general RF power design practices, test and measurement principles, and thermal aspects of RF designs. Also shown are application design examples for: amplifiers, oscillators, switches, pulsed power, power MOSFETs, and even wiring considerations with RF.

The book isn't exactly cheap, but if you want a good tutorial on RF design, it's worth its $49.95 price (plus $3.50 shipping). To order, contact Butterworths, 80 Montvale Avenue, Stoneham, MA 02180, or call 800 336-2665.

Correction

Mike Gruber, WA1SVF, notes that his September 1992 QEX article, “Synchronous Detection of AM Signals,” didn’t make sufficiently clear that the circuit of Fig 7 was designed by Steve Johnston, WD8DAS. QEX regrets this error.

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