Basic Radio, Understanding the Key Building Blocks

Product Notes, Corrections and Updates

First Edition, Second Printing – Errata

Chap 2, The caption for Figure 2-5 should indicate that for the receiver to operate, there must be a dc path between antenna and ground. This can be part of the antenna or, if there is none there, a high value resistor or RF choke.

Chapter 6, Equation 6-1. The equation shown as:

Sin A Sin B ½ Cos (A – B) – Cos (A + B), should be:

$\text{Sin A} \times \text{Sin B} = ½ \times \{ \text{Cos (A – B)} - \text{Cos (A + B)}\}$

Chapter 11, page 11-10. ""Note that if all the k coefficients above k_0 and k_1 equal zero, it describes our ideal mixer's parabolic response curve." Should be: "If only k_2 is non-zero, it describes our ideal mixer's parabolic response curve."

Chapter 13, Figure 13-9. The term on the lower right:

$\text{Cos } \{(F_1t) - (F_2t)\}/2 + \{(F_1t) + (F_2t)\}/2.$

Should be:

$\text{Cos } \{(F_1t) - (F_2t)\}/2 - \{(F_1t) + (F_2t)\}/2.$

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