



**Figure 8-6** Field patterns for the first 18  $TE^z$  and/or  $TM^z$  modes in a rectangular waveguide with  $a/b = 2$ . (Source: C. S. Lee, S. W. Lee, and S. L. Chuang, "Plot of modal field distribution in rectangular and circular waveguides," *IEEE Trans. Microwave Theory Tech.*, © 1985, IEEE.).

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