









resistor









us!səр ләऍ!!
















| y $\sqrt{2}$ |  |
| :---: | :---: |
|  |  |
| ио чэұеш | $\cdot \forall \eta=L \eta \Leftarrow \text { ұndqno }$ <br>  |
| (97) |  |
| (q.) |  |
|  |  |



How much could we get out in terms of gain? Calc. $G_{T, \max }=15$
dB. Since we calculated $G_{A}=G_{T}=11 \mathrm{~dB}$, some gain was sac-
rificed to get the minimum noise figure. Reason: not conjugately
matched simultaneously on input and output.
Show fig. 4.36 and 4.3 .7.
! 4 MOYS




$\underset{\substack{0 \\ 0 \\ 0}}{ }$





(in dB).
ous stages, e.g.:
(gp
Microwave Circuit Design II
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