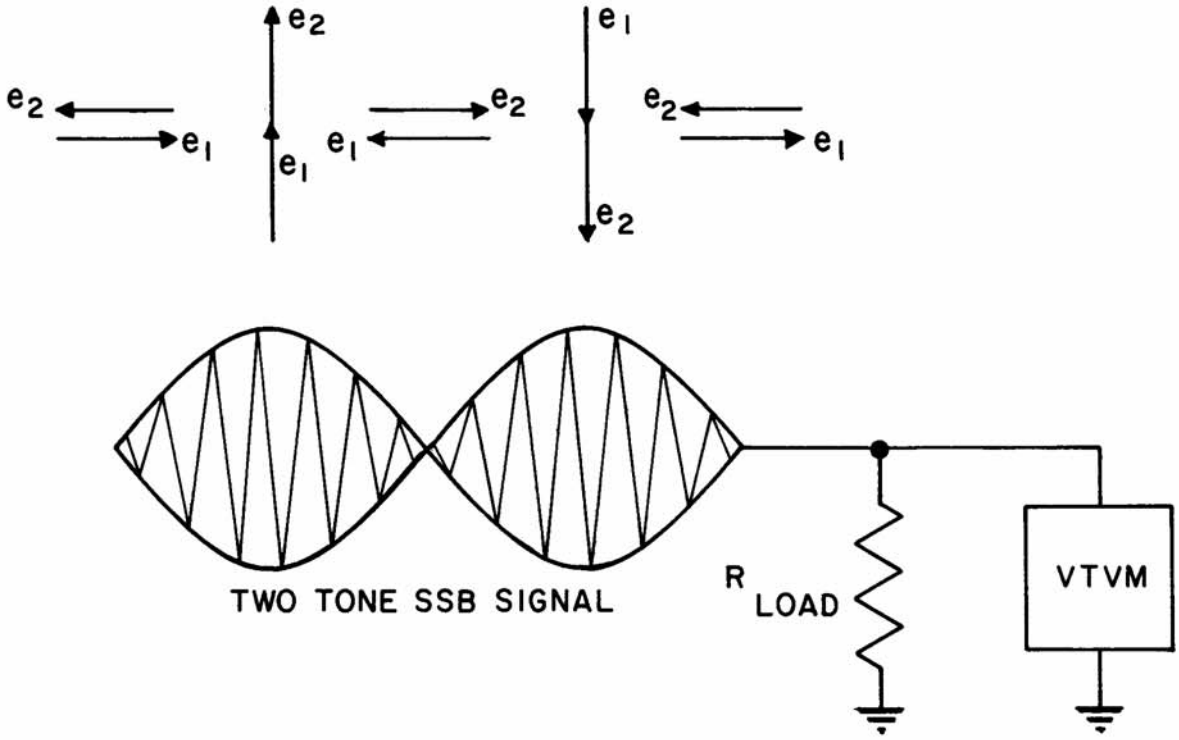

$V_{vtvm} = (e_1 + e_2)$,

with e_1 and e_2 in phase and rms values

$PEP = V^2_{vtvm}/R_{load} = 4e_1^2/R$ or $4e_2^2/R$, where $e_1 = e_2$

$P_{average} = e_1^2/R + e_2^2/R = 2e_1^2/R$ or $2e_2^2/R$

Therefore: (1) $PEP = V^2_{vtvm}/R$

(2) $P_{average} = 1/2\ PEP$

(3) $P_{tone\ 1}$ or $P_{tone\ 2} = 1/4\ PEP$

POWER MEASUREMENTS FROM TWO-TONE SSB TEST SIGNAL

FIG. 6