حالت اول $f = 1000\ Hz$ $V_{p-p} = 5\ V \rightarrow V_m = 2.5$ ولت

$V_e = 1.75\ V$ $T = 0.9\ ms = 9 \times 10^{-4}\ s$

$f = \frac{1}{9 \times 10^{-4}\ s} = 1111\ Hz$ $V_m = \sqrt{2} V_e = 2.47$ ولت

$\longrightarrow V_{p-p} = 4.95\ V$

حالت دوم $f = 2000\ Hz$ $V_{p-p} = 4$ ولت $\rightarrow V_m = \frac{V_{p-p}}{2}$

$= 2$ ولت

$V_e = 1.25$ ولت $T = 0.5\ ms \longrightarrow f = \frac{1}{5 \times 10^{-4}\ s} = 2000\ Hz$

$\hookrightarrow V_m = \sqrt{2} V_e = 1.9 \longrightarrow V_{p-p} = 3.8$

حالت سوم

$V_e = \sqrt{8}$ $f = 5000\ Hz$

$V_e = \frac{V_m}{\sqrt{2}} \longrightarrow V_m = \sqrt{2} V_e \longrightarrow V_m = 4$ ولت

$\longrightarrow V_{p-p} = 8$ ولت

حالت چهارم $f = 500\ Hz$

$T = 1.8\ ms$

$V_e = 2.31$ ولت $V_{p-p} = 6.4\ V$

$\longrightarrow f = \frac{1}{1.8 \times 10^{-3}} = 555\ Hz$

$V_m = \sqrt{2} V_e = 3.22$ ولت

$\longrightarrow V_{p-p} = 6.43 = 2 V_m$ ولت