$$Z_{TH}$$

$$Z$$

$$\Rightarrow Z_{TH} = Z_1 - 3j = 1 - 2j$$

MAX POWER: $Z_L = Z_{TH}^* = 1 + 2j$

(2) OPTION 1:

$$V_{5}$$
 (1) V_{1} (2) V_{1} (1+2) V_{2} (1+2) V_{3} (2) V_{1} (1+2) V_{2} (1+2) V_{3} (1+2) V_{4} (1+2) V_{5} (1+2)