

$$\Delta E = -e * \left( \text{VOLT} + \text{DVOLT} + V1 \, x + \frac{V20 \, x^2 + V02 \, y^2}{2} + V11 \, xy \right) \quad (101)$$

$$\times \sin(2\pi \, \text{FREQ}(t - t_s) + \text{PHI} + \text{DPHI}),$$