

Maximum energy zone

$$E_c \leq E_{c_{\text{safe}}} + f(d_{\text{max}}) = E_{c_{\text{max}}}$$

Distance energy zone

$$E_c < E_{c_{\text{safe}}} + f(d)$$

Safe zone

$$E_c < E_{c_{\text{safe}}}$$

d_{max}

d_{safe}

