Between VELO and SciFi stations (strong mag. field)

$$\Delta p_x = p \left( \frac{t_{x,T}}{\sqrt{1 + t_{x,T}^2 + t_{y,T}^2}} - \frac{t_{x,V}}{\sqrt{1 + t_{x,V}^2 + t_{y,V}^2}} \right) = q \int |d\mathbf{l} \times \mathbf{B}|$$

$$x_T = x_V + (z_{mag} - z_V)t_{x,V} + (z_T - z_{mag})t_{x,T}$$