Analytic results, '['0.07', '0.251473', '0.253355', '8.5E+8']', top hat fields 1.4 -0 offset, initial 0 angle x offset, initial x angle 1.2 y offset, initial x angle x offset, initial y angle y offset, initial y angle 1.0 0 offset, initial 0 angle x offset, initial x angle 8.0

