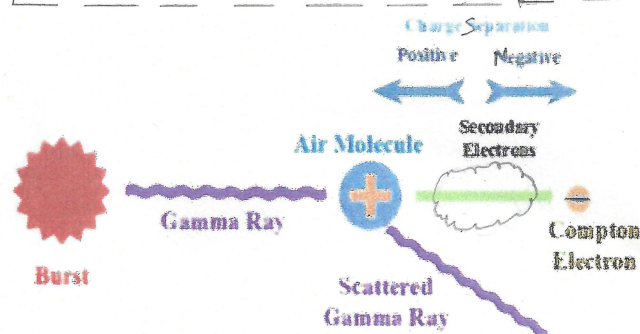
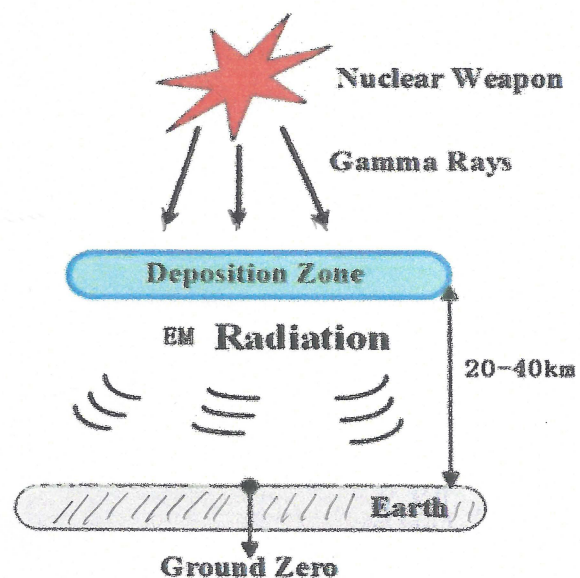


Geographic location of high altitude nuclear explosion.



Generation mechanism of HEMP for the early-time E1.

GENERATION OF EMP EXAMPLE CHARTS

TABLE I
THE ELECTRIC FIELD PEAK VALUE DISTRIBUTED ON THE GROUND FROM A
100 km HOB, 1 MT YIELD BURST

Location on the Ground (Projection Point on the Ground from the Explosion Center)	Peak Electric Field E_{ψ} (V/m)
50 km to the north	2866
26 km to the north	11447
Ground zero	20777
57.7 km to the south	35494
100 km to the south	40042
173 km to the south	40227
247 km to the south	37071
290 km to the south	34802
514 km to the south	30796

