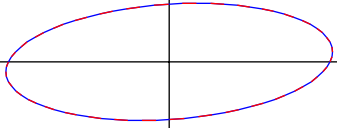


BEAM AT NEL1= 1

H A=-0.17000 B= 1.3000  
V A=-0.17000 B= 1.3000



5.000 mm X 10.000 mrad

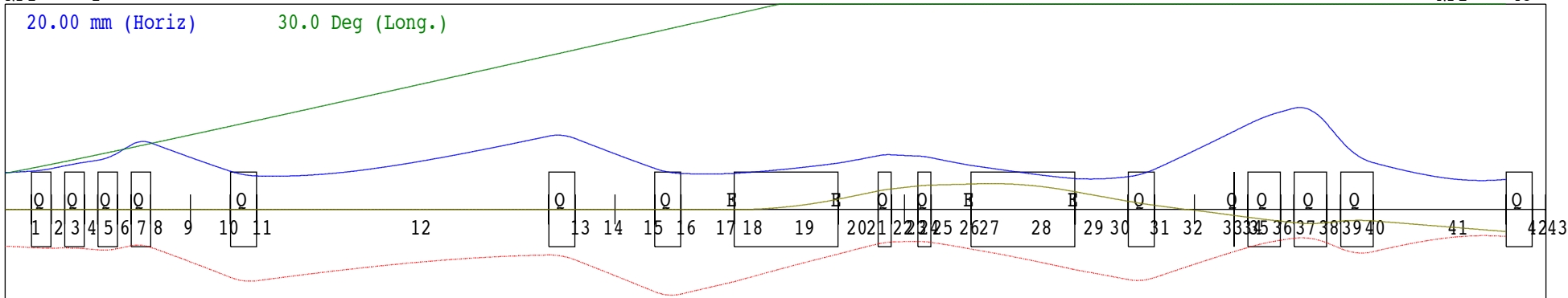
Z A= 1.5000 B= 2.00000E-03



30.000 Deg X 9000.00 keV

NP1= 1

20.00 mm (Horiz) 30.0 Deg (Long.)

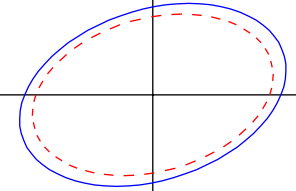


20.00 mm (Vert) 3.0000 (Dispersion)

Length= 11620.80mm

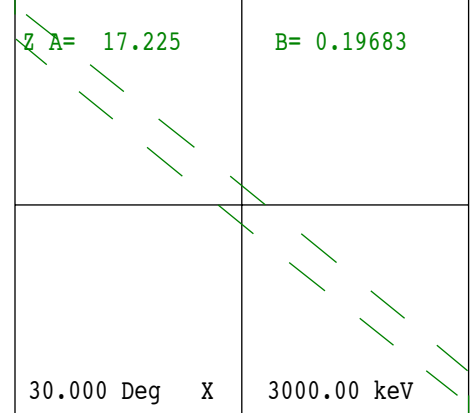
BEAM AT NEL2= 41

H A=-0.28308 B= 0.69848  
V A=-0.25091 B= 0.70679



5.000 mm X 10.000 mrad

Z A= 17.225 B= 0.19683



30.000 Deg X 3000.00 keV

NP2= 43

I= 0.0mA  
W= 450.0000 450.0000 MeV  
FREQ= 101.28MHz WL=2960.04mm  
EMITI= 10.000 10.000 14000.00  
EMITO= 12.406 10.000 15041.24  
N1= 1 N2= 41  
PRINTOUT VALUES  
PP PE VALUE  
MATCHING TYPE = 8  
DESIRED VALUES (BEAMF)  
alpha beta  
x 0.0000 0.5000  
y 0.0000 0.5000  
MATCH VARIABLES (NC=4)  
MPP MPE VALUE  
1 34 0.00000  
1 36 2.71773  
1 38 16.31187  
1 40 -17.46200

CODE: Trace 3-D v70LY  
FILE: 45degbranchingwithtarget.t3d  
DATE: 10/11/2010  
TIME: 10:24:54