

Load Configuration

Save Configuration

Run Simulation

Render From Log

Quit

B Field Configuration

1) B=0.0743T R=0.15m r=1.114m

2) B=0.0784T R=0.15m r=1.137m

3) B=0.0861T R=0.15m r=1.184m

4) B=0.0933T R=0.15m r=1.241m

5) B=0.1069T R=0.15m r=1.308m

B(T)

0.0784

R(m)

0.15

r(m)

1.137

Add

Save

Delete

Rotation of each magnet(degree)

5.0

E Field Configuration

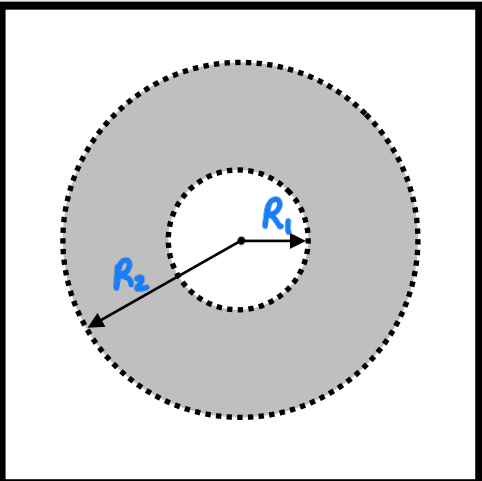
Cavity Description

R1(m)

0.188

R2(m)

0.753



RF Description

E<sub>max</sub>(MV/m<sup>2</sup>)

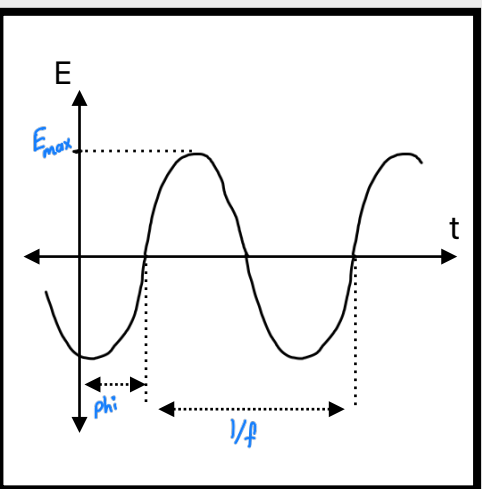
0.96

f(MHz)

107.5

Phase Lag(degree)

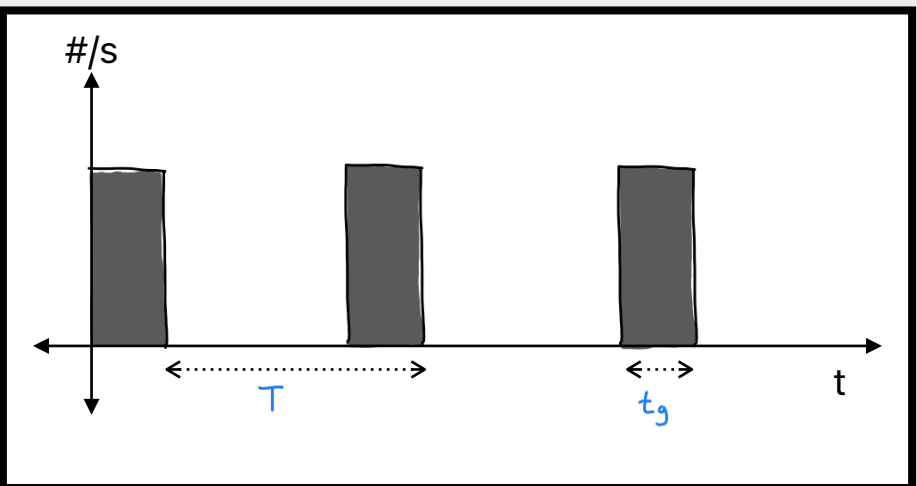
-5.0



Gun Configuration

E<sub>in</sub>(MeV)

0.04



Gun Period - T(ns)

9.3

Gun Active Time - tg(ns)

0.8

# of bunch

4

# of e per bunch

50

Simulation Configuration

Start time (ns)

0

End time (ns)

50

Time step size (ns)

0.0001

# of threads

4

☒ Enable multithreading

E field log path

xy/rf.txt

B field log path

xy/magnet.txt

Particles log path

xy/paths/

Configuration log path

xy/settings.txt