

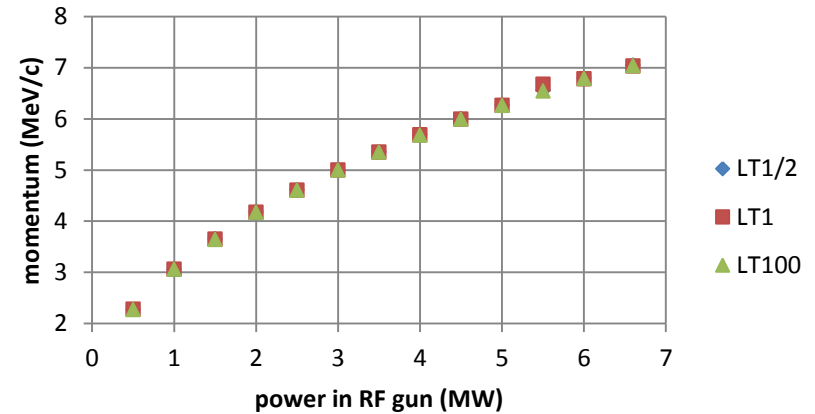
# Momentum as a function of the RF power in the RF-gun

Measured on week 6/2012

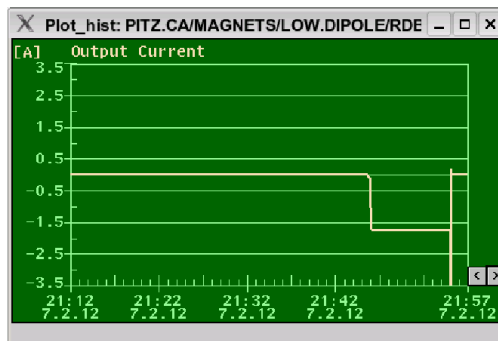
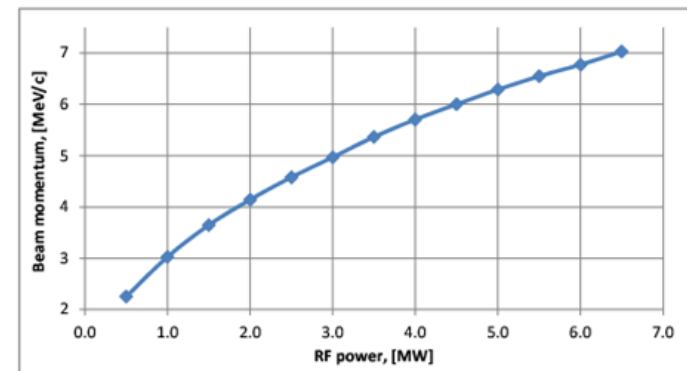
- Momentum has been measured while varying RF power and laser transmission.
- Only 1 laser pulse per train.
- Measured result is very close to result shown in RC slide.
- Laser transmission has visually no effect to momentum.
- There is no significant difference between 5.5MV reasor not seen to mirror measurement

Measured on week 6/2012

mean momentum (MeV/c)



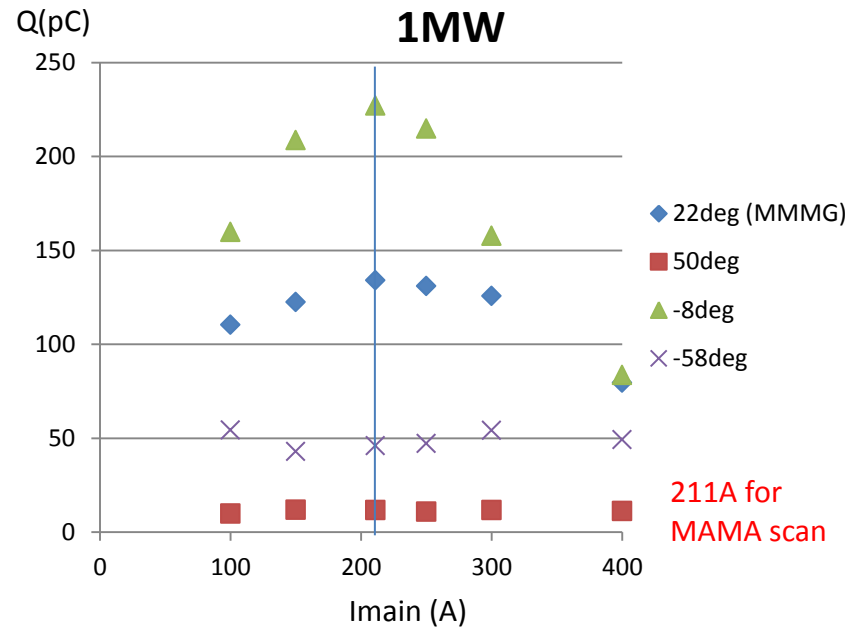
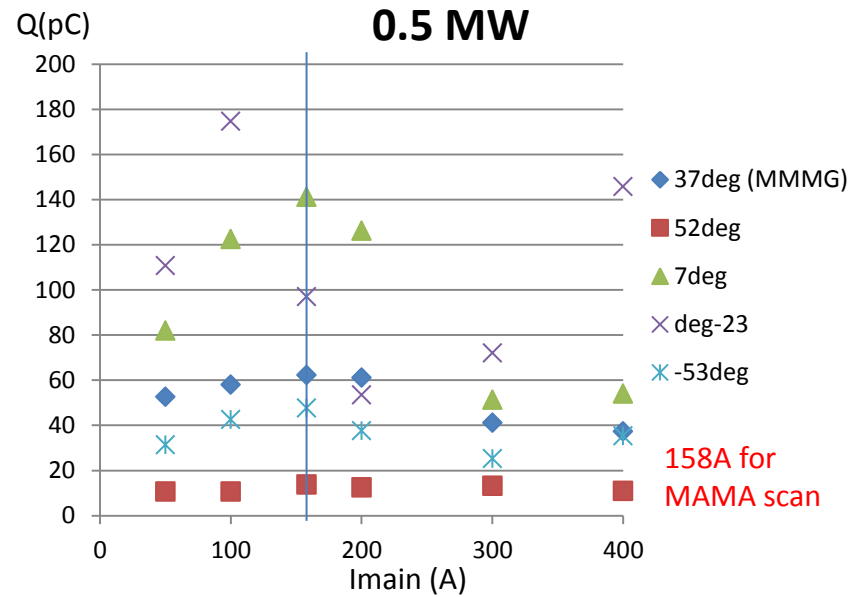
From RC slide 6.2.2012



# Charge as a function of the solenoid magnet current

Measured on week 6/2012

- Charge has been measured at Low.FC1 while varying solenoid current and phase for two RF power in the RF-gun



# Charge scan for 0.5 MW (item 104)

**I<sub>main</sub> = 158A**

**I<sub>main</sub> = 400A**

