

PHASMA Parameters

S-Coil #1 Position

12.00

S-Coil #2 Position

19.3

S-Coil #3 Position

32.6

S-Coil #4 Position

48.9

S-Coil #5 Position

60.2

S-Coil #6 Position

75.4

S-Coil #7 Position

90.8

S-Coil #8 Position

107.7

S-Coil #9 Position

124.5

S-Coil #10 Position

134.5

Source 1-5

1300.00

Source 6-10

1300.00

P-Coil #1 Position

162.7

P-Coil #2 Position

182.8

P-Coil #3 Position

205.9

PHASMA 1-3

0.00

P-Coil #4 Position

230.3

P-Coil #5 Position

257.4

P-Coil #6 Position

282.7

PHASMA 4-6

0.00

P-Coil #7 Position

314.4

P-Coil #8 Position

333.1

P-Coil #9 Position

362.3

PHASMA 7-9

0.00

P-Coil #10 Position

390.4

P-Coil #11 Position

410.8

P-Coil #12 Position

434.3

PHASMA 10-12

0.00

PHASMA Magnetic Field

Control by Field

Control by Current

Simulate Field

Clear Plot

RF System Parameters (Bird meter signal into DAQ6)

RF Frequency (MHz)

10.50

RF Amp (mV)

10.0

Measured RF power (Watts)

2.22

Gas System Parameters

Gas Pressure (mTorr)

0.0

Real Target Pressure

☐

Feed Gas in Middle

☒

Baratron

Port #1

MKS Unit

Gas Type

Argon-Nitrogen-Iodine-Xenon-on (neutral LIF)-

Update

Magnetic Field (G)

1600

1500

1400

1300

1200

1100

1000

900

800

700

600

500

400

300

200

100

0

Position (cm)

0

25

50

75

100

125

150

175

200

225

250

275

300

325

350

375

400