

2022/08/25. ①

* To check the noise with various aperture; peaking time.

SDD1 → 27054 - Radial Scan

SDD2 - 16645 - Nozzle

SDD3 - 19777 - CC Mid Point

01 - noise data taken with no plasma

02 -

03 -

04 - Noise data taken with B.B = L2 = 300A
Nozzle = 100A.

05
06

07 - SDD1 - L2 = 300A - noise no plasma

08 - SDD3 - " " "

09 - SDD2 " " "

07 - SDD1 - Ap 4 - L2 = 300A, SL = 14%

B.B = 300A

Nozzle = 100A.

08 - SDD2 - /

SL = 1.9%

PF = 2.717 V

09 - SDD3

SL = 1.6%

PR = 808 mV

The SL was set to zero

10 - SDD1 - Ap 4 - L2 = 300A, SLO

11 - SDD2 - " " "

12 - SDD3 Ap 4 " "

AP - Fully Open.

PF = 2.696

PR = 858 mV

13 -

14 -

15 - SDD3 - Ap - Open

~~Ap3~~. Slow threshold added.

16

17

18

Ap-3 for SDD3.

19-SDD1 - CC Radial - L2 - 300A SL

20-SDD2 - CC NO221C - L2 - 300A SL

21-SDD3 - CC Midpoint Ap3 - L2 - 300A

This has been
rewritten by 23

Ap-3 for SDD3 with no SL.

22

23

24

Ap 2 for SDD3 with no SL

$P_F = 2.689$

$P_R = 857m$

25

26

27

28 — SL = 2.0 SDD1 SL added

29 — SL = 1.9 SDD2

30 — SL = 2.0 SDD3

Ap 1 - for SDD3 with SL added

31

32

33

Ap with no slow threshold

$L2 = 298A$

$P_F = 2.687$

$P_R = 853mV$

34

35

36

2022/08/25 ③

Aperture set = 0. SL ~~added~~

$P_f = 2.683$
852 mV

5:02 37
38
39

Ap = 0 SL added

702 μ tor

40 SDD

5:10 41
42

Ap = 4 Peaking time charged +0.2 μ s.

~~56, 2, 9.6, 0.1~~

43
44
45

PT = 9.6 μ s

