

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1			Date:	12/08/2022														
2			Run description:	FRC/RMF0														
3			Base pressures: SEC IG (T)															
4			CC IG (T)															
5			FEC IG (T)															
6			SEC Slow Baratron (T)															
7			CC Slow Baratron (T)															
8			RMF frequency & phase															
9			Magnet configuration & PS	4x8 + 8x4 coils; BB PS & 2 Magna powers inside 8; eight BN-covered FCs														
10			RMF system	SRS -> duty factor limiters -> AR100LM9 -> 8KD -> 200 kW home made														
11			Time															
12			Magnapower L-2 Coils I (A)															
13			Big Blue L-2 Coils I (A)															
14			Nozzle coils I (A)	6	I_{sec}	I_{mp}	L_{sec}	B										
15			SEC IG (T)	2:07	300	0	1	-1.307										
16			SEC Slow Baratron (T)	2:07	300	0	1	-1.307										
17			CC IG (T)	2:08	300	0	2	-0.096										
18			CC slow Baratron (T)	2:08	300	0	2	-0.096										
19			FEC IG (T)	2:10	400	400	1	-0.059										
20			FEC FB (T)	2:10	400	400	1	-0.059										
21			Ta paddle voltage	2:11	0	400	2	-0.165										
22			Main valve	0	327	0	3	-0.010										
23			Navigator valve															
24			End turbo valve															
25			Gases/feed location/scdm															
26			PV-10 (V)															
27			Pulse A to/Δt															
28			B to/Δt															
29			CC Pressure (mT)															
30			(Fast Baratron)															
31			170 GHz	dia (mV)/IM freq														
32			Glassman	High Voltage (kV)														
33			RMFo system	main SRS														
34			Pulse width (ms)															
35			Time between pulses (s)															
36			Frequency: Center(MHz)/Span(KHz)															
37			Phase °															
38			Pa															
39			Pr (kW)															
40			ΦM or % reflected															
41			FEC probe															
42			CC Probe															
43			Helicon Pf/Pr															
44			Helicon (SRS/mod)															
45			Comments/changes:	for $\Delta\phi = \pi/2$, $n_e = 2.1 \times 10^{12} \text{ cm}^{-3}$ for 16-cm dia plasma														sheet ___ of ___

B-field measurement
FEC open
use Bell gauge meter



SEC



FW Bell (labeled side)
Sung out

A) CLOSE TO charges #'s G/A
B) ALL SIGNS AGREE