

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1			Date:	2/4/20					2/5/20									
2			Run description:	FRC/RMFO	*275	NOISE	in	CDP	RMF	Tc								
3			Base pressures: SEC IG (T)	11.5e-7					4.7e-7									
4			CC IG (T)	2.7e-6					2.5e-6									
5			FEC IG (T)	4.2e-7					4.5e-7									
6			SEC Slow Baratron (T)	.0103					.0102									
7			CC Slow Baratron (T)	-.0025					-.0025									
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	9:46														
12			Magnapower L-2 Coils I (A)	1														
13			Big Blue L-2 Coils I (A)	1														
14			Nozzle coils I (A)	1														
15			SEC IG (T)															
16			SEC Slow Baratron (T)															
17			CC IG (T)															
18			CC slow Baratron (T)															
19			FEC IG (T)															
20			FEC FB (T)															
21			Ta paddle voltage															
22			Main valve	6														
23			Navigator valve	8														
24			End turbo valve	8														
25			Gases/feed location/scm															
26			PV-10 (V)															
27			Pulse A to/Δt															
28			B to/Δt															
29			CC Pressure (mT)	Pb														
30			(Fast Baratron)	Pa														
31			170 GHz dia (mV)/IM freq															
32			Glassman High Voltage (kV)	10.5														
33			RMFO system main SRS	520														
34			Pulse width (ms)	3														
35			Time between pulses (s)	1.015														
36			Frequency: Center(MHz)/Span(KHz)	4300														
37			Phase °															
38			Pa															
39			Pf (kW)	1														
40			φM or % reflected															
41			FEC probe															
42			CC Probe															
43			Helicon Pf/Pr															
44			Helicon (SRS/mod)															
45			Comments/changes:	for Δφ = π/2, ne = 2.1e12 cm-3 for 16-cm dia plasma														