

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1			Date:	0/13/2022			X-ray, Helicon v2 (r)								
2			Run description:	PFRC-2/RMFO											
3			Base pressures: Main IG (T)	2.000											
4			Satellite IG (T)	2.000											
5			Main Baratron (T)	2.000											
6			Expansion region Baratron (T)												
7			Antennas/delay lines	2-turn, RG-217, 28" long											
8			RMF frequency & phase												
9			Magnet configuration & PS	4x8 + 8x4 coils; BB PS; Eight BN-covered HTS- FCs											
10			RMF system	SRS-> duty factor limiter -> AR100LM9 -> Large amp											
11			Wall Time	11:35	11:38	12:05	12:15	1:07	1:49	2:17	2:45	3:31	3:38	4:32	4:57
12	BB		Main magnet I (A)	392	399	399	400	400	400	400	400	400	401	404	407
13			Nozzle coils (A)	50	50	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
14			Main vessel ion gauge (T)	RP	300	301.51	301	400	400	400	401	400	400	401	401
15			Satellite IG (T)	1.9e-5	1.1e-5	1.0e-5	1.0e-5	1.0e-5	1.0e-5	9.8e-5	1.0e-5	1.0e-5	1.0e-5	1.0e-5	1.0e-5
16			Main vessel Baratron	0.0018	0.0003	0.0034	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
17			Expansion region HPG/Baratron	0.56	0.28	0.286	0.277	0.285	0.280	0.283	0.289	0.251	0.275	0.276	
18			Bias current (A) vert/horiz												
19			Flux Conserver/Back Plate (V)												
20			Main valve												
21			Navigator valve												
22			End turbo valve												
23			Gases/feed location/sccm	H ₂ /SC			0.5	3.8	2.8	1.7	4.7	1.15	3.3	2.30	
24	Diagnos		LeCroy time												
25	Spectr		PM Tube (V)												
26	Wavelength		Port/LOS												
27	170 GHz		IM frequency												
28			dia (mV)												
29	X-ray &														
30	RMFO system		main SRS												
31	Pulse shape/		AM SRS Amplitude/offset												
32	Pulse width (ms)/		rep rate (Hz)												
33	Frequency: Center (MHz)/Scan (KHz)														
34			Pa	2.838	2.743		2.750	2.725	2.71		2.70	2.70	2.70	2.701	
35			Pr/Pr	0.90	0.95		0.93	0.92	0.92		0.94	0.93	0.930	0.930	
36			0.24	0.24		0.24	0.24	0.24	0.24		0.24	0.24	0.24	0.24	
37	Diagnostic		File number												
38			Probes												
39			Discharge type												
40			Helicon (SRS/power)												
41			Comments/changes												
42															