

2015/05/15

- Loaded at N_e and T_e w/ respect to adms
while changing Nozzle current

- Need to test different bank geometries

Langmuir probes \downarrow

Also, 'intermediate' frequency-down analysis.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1			Date:	5/15														
2			Run description:	FRC/RMFO														
3			Base pressures: Main IG (T)															
4			ER IG (T)															
5			Satellite IG (T)															
6			Main chamber Baratron (T)															
7			Expansion region Baratron (T)															
8			Antennas/delay lines	2-turn, RG-217, 15" long														
9			RMF frequency & phase															
10			Magnet configuration & PS	4x8 + 8x4 coils; RR PS; eight BN-covered FCs														
11			RMF system	SRS-> duty factor limiter -> AR100LM9 -> 2KD -> four 8K Ultras														
12			Wall Time															
13			Main magnets I (A)															
14			Nozzle coils I (A)															
15			MC IG (T)															
16			MC Slow Baratron (T)															
17			MC FB (T)															
18			ER IG (T)															
19			ER slow Baratron (T)															
20			ER FB (T)															
21			Satellite IG (T)															
22			Satellite FB (T)															
23			Bias voltage: paddle															
24			Main valve															
25			Navigator valve															
26			End turbo valve															
27			Gases/feed location/sccm															
28			PV-10 (V)															
29			Pulse															
30			A to/Δt															
31			B to/Δt															
32			C to/Δt															
33			Diagnosics															
34			LeCroy time															
35			Spectr															
36			PM Tube (V)															
37			Wavelength															
38			Port/LOS															
39			170 GHz															
40			dia (mV)/IM freq															
41			X-ray															
42			Amptek															
43			RMFO system															
44			main SRS															
45			Pulse width (ms)/ rep rate (Hz)															
46			Frequency: Center(MHz)/Span(KHz)															
47			Pa															
48			Pi/% refl															
49			ΦM															
50			Satellite probe															
51			ER Probe															
52			Helicon (SRS/Power/%mod)															
53			Comments/changes:	for Δφ = π/2, ne = 2.1e12 cm-3														