

19:25-23:35

8-wm-quartet

960.02 Hz

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Date	Energy	Pass	Wien	Raster	Target	Att 212 Slit 14
4/10/2012	1.70669	2	90/88.114 -49.60	NO	#2 HMP IN, PAS in	

	Q1	Q2	Q3	D
Bdl	17933		4442	
Gl				
A	104.22		28.01	108.9

Chan	HV set	Chan	HV set	Chan	HV/set
1	-1645	5	-1705	ApL	-880
2	-1775	6	-1605	ApR	-760
3	-2070	7	-1710		-775
4	-1915	8	-1785		-825

N	Time	I _b , uk current	Run Number	Thresh mV,	Trigger encoder	Hcoil Sign	Polarization % (2)	Comments (encoder)
1	tg info:		T2x22	130	2.021		0.250/0.200	
2			Tuning HV and threshold.					
3	20:33	50 nA	15295 ~ 15297					Junk
4	20:47	100 nA	15298			+8		Tuning HV
5	20:53	100 nA	15299			-8		HV
6	20:59	:	15300	100		+8		HV, threshold
7	21:05		15301	250		-8		HV threshold
8	21:07		15302	:		+8		Junk
9	21:22		15303	:		-8		HV.
10			measure		P _b			
11	21:29		15304			+8	90.06 ± 1.0	
12	21:32		15305			-8	-86.45 ± 1.0	
13	21:34		15306			+8	89.93 ± 1.0	
14	21:37		15307			-8	87.74 ± 1.0	
15	21:41		15308			+8	88.6 ± 1.0	
16	21:44		15309			-8	-86.8 ± 1.0	
17	21:47		15310			+8	88.02 ± 1.0	
18	21:50		15311			-8	-88.32 ± 1.0	
19	21:53		15312			+8	87.21 ± 1.0	
20	21:57		15313			-8	-88.94 ± 1.0	
21			measure beam polarization end.					
22			<P _b > = 88.18% ± 0.39.					

N	Time	I_b , μ k current	Run Number	Thresh mV,	Trigger	Hcoil Sign	Polarization %	Comments
23			Bleed through					
24	22:05	100 nA	15314			8	-4.1 ± 5.9	slit = -1, Hall A laser off
25	22:09		15315			-8	-3.4 ± 5.0	
26	22:12		15316			8	8.3 ± 4.9	
27	22:16		15317			-8	-0.7 ± 5.1	
28			$\langle P_t \rangle = -2.6\% \pm 2.6\%$					
29			Q1 scan I(A) Field(kG)			Bin-Rates		slit = 14, $\alpha t = 130$
30	22:43	50 nA	15318	121.6	2.5	+8	15882	
31	22:46		15319	111.8	2.3	-8	20161	
32	22:48		15320	111.8	2.3	+8	20750	
33	22:50		15321	106.9	2.2	-8	20728	
34	22:51		15322	104.4	2.15	+8	19913	
35	22:53		15323	102.0	2.10	-8	19605	
36	22:55		15324	99.5	2.05	+8	17635	
37	22:57		15325	97.05	2.0	-8	15769	
38	22:58		15326	94.6	1.95	+8	13393	
39	23:00		15327	92.1	1.90	-8	10586	
40								
41			Q3 scan					
42	23:13	50 nA	15328	45.4	1.1	+8	11513	
43	23:15		15329	36.5	0.9	-8	19031	
44	23:17		15330	32.3	0.8	+8	20573	
45	23:19		15331	28.0	0.7	-8	20506	
46	23:22		15332	23.8	0.6	+8	17827	
47	23:25		15333	21.7	0.55	-8	14617	
48	23:26		15334	19.5	0.50	+8	14617 13233	
49	23:28		15335	17.4	0.45	-8	10234	
50								