~moller/doc/runtemplate_new1.pdf

30Hz quartet no delay

Date	Begin time	End time	Crew	Comments
12/07/16	10:00		Sasha, Rome	

Energy	Linac	Injector	Pass	Wien Angle	HWP	Slit	Attenuat	Raster
10.593		117.89	5	56.01/0/0	HWP=IN	IN		

10.591.5	Q1	Q2	Q3	Q4	Dipole
Amps	+291.3/-45874	-293.0/-49575	127.7/20932	292.5/42200	440/1964899

N	Time	I_{beam} curr	Run Number	Target	H_{coil} sign	Polarization %	FADC	Comments
1			Target #3	5T		117.483/1.251		ade=9 .77229
2	11:29	1.5	16132	3	+3T			Ap thr =150
3	11:32	1.5	16133	1.6				120
4	11:36	1.5	16134	1.6		84.84 ± 0.66		170
5	11:41	1.5	16135			84.16 ± 0.37		ade=2 200
6	11:46	1.5	16136			83.90 ± 0.37		220
7	11:52	1.5	16137			84.74 ± 0.37		240
8	11:58	1.5	16138			85.51 ± 0.41		260 →
9	12:02	1.5	16139	1.55		84.50 ± 0.39		250
10	12:08	1.5	16140	1.55		85.27 ± 0.37		(240)
11	12:12	1.5	16141	1.55		84.87 ± 0.39		LG 3&4 78OFF Ap 48 OFF
12	12:18	1.5	16142	1.55		85.56 ± 0.38		LG 3&4 78OFF Ap 4.30KF
13	12:22	1.5	16143	1.6		84.91 ± 0.37		
14	12:27	1.5	16144	1.65		85.70 ± 0.38		LG 3478 Ap 48 OFF
15	12:32	1.5	16145	1.65		84.96 ± 0.38		
16								Pav=85.11±0.15 V=1.2
17			Q1 = -238.9			/-40300	xp=.77281	
18	12:43	1.5	16146	1.65		83.77 ± 0.40		
19	12:48	1.5	16147	1.6		85.39 ± 0.41		
20	12:52	1.5	16148	1.6		85.35 ± 0.41		
21	12:56	1.5	16149	1.6		83.22 ± 0.41		LG 48 Ap 48 OFF
22	13:00	1.5	16150	1.65		84.08 ± 0.41		
23								Pav = 84.35 ± 0.18
24								
25								
26								

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N	Time	I_{beam} curr	Run Number	Target	H_{coil} sign	Polarization %	FADC	Comments
1			Q1 = -291.3 / 45874			Q2 = -260.0 / -44310		.77295
2	B:09	1.5	16151	1.7		83.35 ± 0.42		
3	B:13	1.5	16152	1.7		84.22 ± 0.42		
4	B:17	1.5	16153	1.75		84.45 ± 0.42		
5	B:22	1.5	16154	1.75		84.43 ± 0.41		LG 3478 Ap 45 OFF
6	B:26	1.8	16155	1.75		84.70 ± 0.41		
7								P_{av} = 84.24 ± 0.19 χ^2=16
8								
9	B:82	0.5	16156	1.7		85.53 ± 0.87		
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