

3100
549.0, 61.76

Moller tilted target commissioning

Date	Energy	Pass	Wien	Raster	Target	Velocity
02/17/11	3355.76	3	-62.40	ON	1/2 DOF Pattern Pair	30Hz no delay

Q1	Q3	D
3354.1 3356.0		
Bdl 11		
Gl 19258	12682	958654
A 111.9	77.67	214.67

Chan	HV set	Chan	HV set	Chan	HV set
1		5		ApL	
2		6		ApR	
3		7			
4		8			

N	Time	I _b , uk current	Run Number	Thresh mV,	Trigger	Hcoil Sign	Polarization %	Comments
1								Target 5
2								3.950 / 1.013
3	11:25	0.5	14972		50			
4	11:28	0.5	14973		50			
5	11:33	0.54	14974		50			HV
6	11:	0.54	14975		50			
7	11:44	0.54	14976		50	+8		
8				Q1	Scan			
9	12:00	0.54	14977	coil	50	-8		25263 = 2.8
10	12:03	0.54	14978	68887	250	+8	84.23 ± 0.5	2.8
11	12:20	0.54	14979	65408	250	-8	82.96	23458 = 2.6
12	12:25	0.54	14980	61761		+8	82.09	21654 = 2.4
13	12:31	0.54	14981	67850			83.24	19850 = 2.2
14			14982				Junk	
15	12:45-13:30							[8 Windows delay.]
16								Cross power supply problem 2ack
17								
18	13:53	5.1	14985	64270		+8	84.77	25263 = 2.8
19	13:58	5.1	14986	61546			82.12	23458 = 2.6
20	14:01	5.1	14987	58673			82.67	21454 = 2.4
21	14:05	5.1	14988	63853			82.84	19850 = 2.2
22	14:07	5.1	14989	73209			82.43	18045 = 2.0
	14:11	5.1	14990	81060			83.99	16240 = 1.8 ✓

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N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1	14:13	5.1	14991	81989		83.54		14436 = 1.6
2	14:16	5.1	14992	71205		85.22		12600
3	14:20	5.1	14993	47149		83.42		10800
4	Pelicity 960.2 8wind Quaker							
5				Q1 = 15000				Q3
6	14:39	5.0	14994	97206		empty		15964 = 2.2
7	14:40	5.0	14995					14513 = 2.0
8	14:51	5.0	14996	96900				JUNK
9	15:05	5.0	14997	98248				14513 = 2.0
10	15:08	5.0	14998	10774				13062 = 1.8
11	15:11	5.0	14999	10912				11610 = 1.6
12	15:14	5.2	15000	58712				10160 = 1.4
13								
14				Q1 = 15000		Q3 = 12682		
15	15:33	5.0	15001		Target	583.88		1.013 / 3.950
16	15:36	5.0	15002			81.82		1.368 / 0.247
17	15:38	5.0	15003			82.17		
18	15:40	5.0	15004			82.57		
19	15:43	5.0	15005			80.99		
20	15:	5.0	15006			80.61		
21						$P_5 = -82.106 \pm 0.36$		
22								
23				T4		1.641 / 3.850		1.365 / 0.247
24	15:50	5.0	15007			80.65 ± 0.66		
25	15:53	5.0	15008			80.64		
26	15:56	5.0	15009			81.31		
27	15:58	5.0	15010			79.36		
28								
29						$P_4 = -80.21 \pm 0.37$		
30								

Date	Begin time	End time	Crew				Comments	
Energy	Linac	Injector	Pass	Wien Angle	HWP	Slit	Attenuat	Raster
	Q1		Q2	Q3	Dipole			
Amps								
N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1				T3		2.232/15.580	1.368/0.247	
2	16:03	0.5	15011			81.04 ± 0.5		
3	16:06	0.5	15012					energy?
4	16:14	0.8	15013			81.03		
5	16:16	0.8	15014			80.13		
6	16:18	0.8	15015					
7	16:21	0.8	15016			79.06		
8						$P_3 = 80.16 \pm 0.28$		
9								
10				Target 2		2.867/21.580	1.365/0.247	
11	16:28	0.25	15017			79.52 ± 0.5		
12	16:31	0.25	15018			79.48		
13	16:33		15019			78.99		
14	16:37		15020			79.53		
15								
16						$P_2 = 79.19 \pm 0.26$		
17						$(P = 79.95 \pm 0.14)$		
18				test-LED				
19				Target 2		2.935	1.766	
20			15021					
21			15022					
22			15023					beam charge asymmetry test
23	17:32	0.25	15024			80.71 ± 0.5		
24	17:34	0.25	15025			81.36 ± 0.5		
25								
26								

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Date	Begin time	End time	Crew	Comments

Energy	Linac	Injector	Pass	Wien Angle	HWP	Slit	Attenuat	Raster

	Q1	Q2	Q3	Dipole
Amps				

N	Time	I _{beam} curr	Run Number	Targ et	H _{coil} sign	Polarization %	FADC	Comments
1			Target 4			1.675 / 1.770		
2	17:39	0.5	15026			79.22		
3	17:41	0.5	15027			80.24		
4								
5				TS		1.043 / 1.768		
6	17:45	0.5	15028					
7	17:47	0.5	15029					
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