

2/16 OPT

rf / MHz	3.904	3.504	3.000	2.500
Resonance I_{avg}	1.84	1.05	1.40	1.15
I_+	1.86	1.09	1.41	1.16
I_-	1.83	1.05	1.40	1.15
T (F)	97.0 97.0	100.6	99.8	99.4

Resonance I_{avg}	rf	2.000	1.500	1.500	1.000
I_+	I	0.90	0.66	0.65	0.41
I_-	I_+	0.91	0.66	0.66	0.41
	I_-	0.809	0.65	0.65	0.40
	T	99.2	98.9	108.9	105.6

rf	0.500	0.200	0.700	1.200
I_+	0.500 0.16		0.14	0.31
I_-	0.16	Zero current	0.14	0.32
I_-	0.15		0.14	0.31
T	104.1	99.9	99.3	98.1

rf	0.700	0.500	0.500
I_+	0.26	1.64	
I_-	0.26	1.64	
I_-	0.26	1.603	
T	107.1	102.2	

reverse "light on"
negative B field direction

other species
still negative B field

f	I	I_+	I_-	I	f	I	I_+	I_-	I
3.900	1.98	1.98	1.97	100.4	1.35	1.36	1.35	119.6	
3.500	1.78	1.78	1.77	100.0	1.21	1.22	1.20	107.	
3.000	1.53	1.53	1.52	99.8	1.05	1.06	1.03	105.6	
2.500	1.29	1.29	1.28	106.4	0.88	0.89	0.87	104.9	
2.000	1.04	1.05	1.03	105.1	0.71	0.72	0.71	104.1	
1.500	0.79	0.80	0.79	104.0	0.55	0.55	0.55	103.3	
1.000	0.55	0.56	0.55	101.1	0.38	0.39	0.38	108.3	
0.700									
0.700	0.40	0.41	0.40	100.6	0.28	0.29	0.28	105.0	
0.500	0.30	0.31	0.30	100.3	0.21	0.22	0.21	103.7	
0.200	0.11	0.12	0.11	99.8	0.06	0.06	0.06	103.0	
0.100	0.06	0.07	0.06	99.4					
0.050									

2nd species, reverse light off.

<u>rf</u>	<u>I</u>	<u>I_f</u>	<u>I₋</u>	<u>I</u>
3.900	1.22	1.22	1.20	106.3
3.500	1.06	1.07	1.05	101.7
3.0	0.89	0.9	0.89	108.2
2.5	0.73	0.74	0.73	111.5
2.0	0.56	0.57	0.56	110.0
1.5	0.40	0.41	0.40	107.8
1.0	0.24	0.25	0.24	105.5
0.7	0.14	0.15	0.14	104.5
0.5	0.07	0.08	0.07	103.2
0.2	0.02	0.02	0.01	109.3

lamp output at 25 milliamperes.