

FIT of ³⁵CIC₃N: SPFIT OUTPUT

	J' ← J''	EXP.FREQ. -	CALC.FREQ. -	DIFF. -	EXP.ERR.
1:	30 29	82934.90400	82934.88764	0.01636	0.02000
2:	31 30	85699.07000	85699.06358	0.00642	0.02000
3:	32 31	88463.20900	88463.20757	0.00143	0.02000
4:	33 32	91227.32000	91227.31850	0.00150	0.02000
5:	34 33	93991.39900	93991.39525	0.00375	0.02000
6:	35 34	96755.42100	96755.43672	-0.01572	0.02000
7:	36 35	99519.42200	99519.44178	-0.01978	0.02000
8:	37 36	102283.38200	102283.40929	-0.02729	0.02000
9:	38 37	105047.34600	105047.33812	0.00788	0.02000
10:	39 38	107811.23700	107811.22712	0.00988	0.02000
11:	40 39	110575.09200	110575.07513	0.01687	0.02000

NEW PARAMETER (EST. ERROR) -- CHANGE THIS ITERATION

1	100	B	1382.32357(50)	-0.00000
2	200	-D	-0.041509(195)E-03	0.000000E-03
3	300	H	-0.300000000(0)E-09	-0.000000000E-09

MICROWAVE AVG = 0.000118 MHz, IR AVG = 0.00000
 MICROWAVE RMS = 0.013997 MHz, IR RMS = 0.00000
 END OF ITERATION 1 OLD, NEW RMS ERROR= 0.69985 0.69985

FIT of ³⁷CIC₃N: SPFIT OUTPUT

	J' ← J''	EXP.FREQ. -	CALC.FREQ. -	DIFF. -	EXP.ERR.
1:	31 30	83717.08800	83717.08064	0.00736	0.02000
2:	32 31	86417.29600	86417.30319	-0.00719	0.02000
3:	33 32	89117.47900	89117.49397	-0.01497	0.02000
4:	34 33	91817.64900	91817.65191	-0.00291	0.02000
5:	35 34	94517.78500	94517.77592	0.00908	0.02000
6:	36 35	97217.86200	97217.86493	-0.00293	0.02000
7:	37 36	99917.93800	99917.91784	0.02016	0.02000
8:	38 37	102617.94300	102617.93356	0.00944	0.02000
9:	39 38	105317.89800	105317.91096	-0.01296	0.02000
10:	40 39	108017.84600	108017.84895	-0.00295	0.02000
11:	41 40	110717.74400	110717.74639	-0.00239	0.02000

NEW PARAMETER (EST. ERROR) -- CHANGE THIS ITERATION

1	100	B	1350.35289(50)	-0.00000
2	200	-D	-0.039835(184)E-03	0.000000E-03
3	300	H	-0.300000000(0)E-09	-0.000000000E-09

MICROWAVE AVG = -0.000025 MHz, IR AVG = 0.00000
 MICROWAVE RMS = 0.010034 MHz, IR RMS = 0.00000
 END OF ITERATION 1 OLD, NEW RMS ERROR= 0.50169 0.50169

FIT of DC₇N: SPFIT OUTPUT

	J' F' ← J'' F''	EXP.FREQ. -	CALC.FREQ. -	DIFF. -	EXP.ERR.
1:	7 6 6 5	7634.38600	7634.38502	0.00098	0.00100
2:	7 7 6 6	7634.40700	7634.40769	-0.00069	0.00100
3:	7 8 6 7	7634.42100	7634.42040	0.00060	0.00100
4:	8 7 7 6	8725.02000	8725.01895	0.00105	0.00100
5:	8 8 7 7	8725.03500	8725.03557	-0.00057	0.00100
6:	8 9 7 8	8725.04600	8725.04560	0.00040	0.00100
7:	9 8 8 7	9815.65000	9815.65003	-0.00003	0.00100
8:	9 9 8 8	9815.66200	9815.66274	-0.00074	0.00100
9:	9 10 8 9	9815.67200	9815.67086	0.00114	0.00100
10:	10 9 9 8	10906.28000	10906.27907	0.00093	0.00100
11:	10 10 9 9	10906.28800	10906.28910	-0.00110	0.00100
12:	10 11 9 10	10906.29600	10906.29581	0.00019	0.00100
13:	11 10 10 9	11996.90600	11996.90645	-0.00045	0.00100
14:	11 11 10 10	11996.91400	11996.91457	-0.00057	0.00100
15:	11 12 10 11	11996.92100	11996.92020	0.00080	0.00100
16:	12 11 11 10	13087.53200	13087.53234	-0.00034	0.00100
17:	12 12 11 11	13087.53800	13087.53905	-0.00105	0.00100
18:	12 13 11 12	13087.54500	13087.54386	0.00114	0.00100
19:	13 12 12 11	14178.15600	14178.15683	-0.00083	0.00100
20:	13 13 12 12	14178.16100	14178.16247	-0.00147	0.00100
21:	13 14 12 13	14178.16800	14178.16661	0.00139	0.00100
22:	76 76 75 75	82881.37600	82881.37124	0.00476	0.01500
23:	77 77 76 76	83971.74300	83971.74011	0.00289	0.01500
24:	78 78 77 77	85062.10700	85062.10209	0.00491	0.01500
25:	79 79 78 78	86152.43900	86152.45710	-0.01810	0.01500
26:	80 80 79 79	87242.80600	87242.80505	0.00095	0.01500
27:	82 82 81 81	89423.48500	89423.47942	0.00558	0.01500

NEW PARAMETER (EST. ERROR) -- CHANGE THIS ITERATION

1	199	B	545.3151998(110)	-0.0000000
2	299	-D	-3.7241(33)E-06	0.0000E-06
3	110010011	1.5*eQq	-6.472(161)	0.000

MICROWAVE AVG = 0.000066 MHz, IR AVG = 0.00000
 MICROWAVE RMS = 0.003994 MHz, IR RMS = 0.00000
 END OF ITERATION 1 OLD, NEW RMS ERROR= 0.80872 0.80872