







400:	5	1	5	1	4	4	0	4	1	3	16522.8176	-0.0035	0.010
401:	5	1	5	3	3	4	0	4	2	3	16523.8819	-0.0037	0.010
402:	5	1	5	3	7	4	0	4	3	6	16524.9785	-0.0002	0.010
403:	5	1	5	3	8	4	0	4	3	7	16525.5833	0.0028	0.010
404:	5	1	5	3	8	4	0	4	3	7	16525.5927	0.0122	0.010
405:	5	1	5	1	5	4	0	4	1	4	16526.4513	-0.0063	0.010
406:	5	1	5	2	6	4	0	4	3	6	16528.8883	0.0037	0.010
407:	5	1	5	3	4	4	0	4	3	4	16532.0029	0.0081	0.010
408:	5	1	5	0	5	4	0	4	2	5	16536.2458	0.0008	0.010
!													
409:	6	1	5	1	6	5	2	4	1	5	17118.2022	0.0081	0.010
410:	6	1	5	3	9	5	2	4	3	8	17118.4026	0.0018	0.010
411:	6	1	5	1	5	5	2	4	1	4	17120.9042	-0.0016	0.010
412:	6	1	5	0	6	5	2	4	3	5	17121.0742	0.0006	0.010
413:	6	1	5	3	7	5	2	4	3	6	17121.3029	-0.0030	0.010
!													
414:	6	0	6	2	5	5	1	5	2	4	18261.9719	0.0072	0.010
415:	6	0	6	2	7	5	1	5	2	6	18262.1749	0.0052	0.010
416:	6	0	6	3	3	5	1	5	3	2	18262.1749	0.0111	0.010
417:	6	0	6	3	8	5	1	5	3	7	18262.7752	-0.0014	0.010
!													
418:	3	2	2	3	5	2	1	1	3	4	18453.5180	0.0103	0.010
419:	3	2	2	3	4	2	1	1	1	3	18454.6259	-0.0021	0.010
420:	3	2	2	1	4	2	1	1	3	3	18462.1379	0.0153	0.010
421:	3	2	2	0	3	2	1	1	1	2	18463.5339	-0.0046	0.010
422:	3	2	2	2	4	2	1	1	3	5	18464.2805	0.0008	0.010
423:	3	2	2	2	4	2	1	1	2	3	18466.4906	-0.0004	0.010
424:	3	2	2	2	5	2	1	1	2	4	18467.6015	-0.0020	0.010
425:	3	2	2	2	2	2	1	1	3	2	18473.7480	0.0036	0.010
426:	3	2	2	2	3	2	1	1	3	2	18473.7480	-0.0061	0.010
427:	3	2	2	3	1	2	1	1	3	2	18473.7480	-0.0152	0.010
428:	3	2	2	1	3	2	1	1	3	2	18473.7480	0.0035	0.010
429:	3	2	2	3	2	2	1	1	3	2	18473.7480	-0.0101	0.010
430:	3	2	2	3	2	2	1	1	3	1	18474.0266	-0.0156	0.010
431:	3	2	2	2	2	2	1	1	3	1	18474.0266	-0.0018	0.010
432:	3	2	2	3	0	2	1	1	3	1	18474.0266	-0.0431	0.010
433:	3	2	2	3	1	2	1	1	3	1	18474.0266	-0.0207	0.010

PARAMETERS IN FIT:

10000	A	/MHz	4719.31944(48)	1
20000	B	/MHz	2066.48828(39)	2
30000	C	/MHz	1435.03783(29)	3
200	DJ	/kHz	3.5290(66)	4
1100	DJK	/kHz	6.026(24)	5
2000	DK	/kHz	23.531(58)	6
40100	dJ	/kHz	1.0830(32)	7
41000	dK	/kHz	9.488(55)	8
110010000	1.5*Xaa	/MHz	-65.5998(77)	9
110040000	(Xb-Xc)/4	/MHz	-3.1823(27)	10
110610000	chiab	/MHz	26.76(74)	11
220010000	1.5*Xaa	/MHz	26.691(10)	12
220040000	(Xb-Xc)/4	/MHz	-18.2530(24)	13
220610000	chiab	/MHz	21.15(87)	14

MICROWAVE AVG = -0.000163 MHz, IR AVG = 0.00000  
 MICROWAVE RMS = 0.007900 MHz, IR RMS = 0.00000  
 END OF ITERATION 1 OLD, NEW RMS ERROR= 0.79200 0.79200

distinct frequency lines in fit: 394  
 distinct parameters of fit: 14

for standard parameter errors previous errors are multiplied by: 0.806458

PARAMETERS IN FIT WITH STANDARD ERRORS ON THOSE THAT ARE FITTED:

10000	A	/MHz	4719.31944(38)	1
20000	B	/MHz	2066.48828(31)	2
30000	C	/MHz	1435.03783(23)	3
200	DJ	/kHz	3.5290(53)	4
1100	DJK	/kHz	6.026(20)	5
2000	DK	/kHz	23.531(46)	6

40100	dJ	/kHz	1.0830(25)	7
41000	dK	/kHz	9.488(44)	8
110010000	1.5*Xaa	/MHz	-65.5998(62)	9
110040000	(Xb-Xc)/4	/MHz	-3.1823(22)	10
110610000	chiab	/MHz	26.76(59)	11
220010000	1.5*Xaa	/MHz	26.6916(85)	12
220040000	(Xb-Xc)/4	/MHz	-18.2530(19)	13
220610000	chiab	/MHz	21.15(70)	14

CORRELATION COEFFICIENTS, C.ij:

	A	B	C	-DJ	-DJK	-DK	-dJ	-dK
A	1.0000							
B	-0.0851	1.0000						
C	0.1097	-0.0431	1.0000					
-DJ	0.1186	-0.8153	-0.2573	1.0000				
-DJK	-0.3813	0.3207	-0.2373	-0.3716	1.0000			
-DK	-0.5567	0.2313	0.1659	-0.2389	-0.3326	1.0000		
-dJ	0.0850	-0.7538	0.5934	0.3946	-0.3664	0.0050	1.0000	
-dK	0.2351	-0.4430	0.4017	0.5225	-0.5476	-0.0939	0.3719	1.0000
1.5*Xaa	-0.0254	-0.0311	-0.0161	0.0114	0.0238	-0.0191	0.0158	-0.0083
(Xb-Xc)/4	-0.0413	0.0054	-0.0760	0.0463	0.0042	0.0197	-0.0721	0.0063
chiab	-0.1051	-0.0607	-0.0126	0.0105	0.0574	0.0228	0.0466	-0.0367
1.5*Xaa	0.0045	0.0264	-0.0307	-0.0348	-0.0055	0.0046	-0.0409	-0.0119
(Xb-Xc)/4	0.0281	0.0356	-0.0070	-0.0367	-0.0492	0.0387	-0.0524	-0.0052
chiab	-0.0639	0.0532	-0.0284	-0.0372	0.0582	0.0088	-0.0554	-0.0395
1.5*Xaa								
(Xb-Xc)/4								
chiab								
1.5*Xaa	1.0000							
(Xb-Xc)/4	-0.3104	1.0000						
chiab	0.0748	-0.0153	1.0000					
1.5*Xaa	0.3289	-0.3722	0.0256	1.0000				
(Xb-Xc)/4	-0.1892	-0.1527	-0.0194	0.0134	1.0000			
chiab	-0.0427	0.0394	-0.7948	0.0059	0.0169	1.0000		

Mean value of |C.ij|, i.ne.j = 0.1430  
 Mean value of C.ij, i.ne.j = -0.0421

Worst fitting lines (obs-calc/error):

253:	2.6	75:	-2.6	168:	-2.4	22:	2.4
99:	2.4	219:	-2.4	169:	-2.3	298:	2.2
294:	2.2	28:	2.1	368:	-2.1	343:	-2.1
223:	-2.0	194:	1.9	78:	1.9	293:	1.9
215:	1.9	430:	-1.9	59:	-1.9	345:	1.8
84:	-1.7	40:	-1.6	132:	-1.6	274:	-1.6
291:	-1.6	94:	1.6	420:	1.5	398:	-1.5
66:	-1.5	179:	1.5	297:	1.5	100:	-1.5
331:	-1.4	165:	1.4	244:	-1.3	249:	-1.3
241:	1.3	246:	-1.3	284:	1.3	288:	1.2
178:	-1.2	404:	1.2	182:	-1.2	190:	1.2
96:	1.2	273:	-1.2	281:	-1.1	391:	-1.1
183:	1.1	259:	-1.1				

/ SPFIT output reformatted with PIFORM