TABLE 1

Measured Hyperfine Components of $Sc^{79}Br$ (MHz).

J'-J''	I'-I''	F'-F''	$v=0$		$v=1$	
1-0	5-5	6-5	6207.8646	0.0[a]		
	4-4	5-4	6211.3141	1.9		
	5-5	5-5	6226.6323	-1.1		
2-1	3-3	5-4	12419.6103	0.6	12367.6518	0.5[a]
	2-2	2-2	12419.7074	0.1		
	5-5	6-5	12420.7110	0.0	12369.0502	0.4
	2-2	3-2	12420.8852	-1.3		
	5-5	5-5	12423.1964	1.9	12371.6096	2.2
	3-3	2-2	12423.4482	-1.0		
	4-4	4-4	12423.6809	-0.3		
	5-5	7-6	12423.7889	-0.1	12372.1562	0.4
	4-4	5-4	12424.1428	-0.8	12372.6127	-0.8
	4-4	6-5	12425.2268	-1.3	12373.6262	0.6
	5-5	3-4	12425.4539	1.6	12373.9359	-0.3
	3-4	4-3	12425.6435	-1.6	12374.1421	-2.5
	2-2	4-3	12426.7468	-0.7	12375.1420	-0.2
	4-4	5-5	12431.0992	1.7		
	4-3	4-3	12432.0629	-0.4		
	3-3	4-4	12433.0153	5.6[b]		
	4-2	3-3	12433.0435	1.9[b]		
	5-3	5-4	12433.6452	-0.4		
	3-5	5-4	12436.2015	1.4		
	5-5	4-4	12437.2037	0.6		
	5-5	6-6	12439.4792	-0.7	12388.1929	0.5
3-2	5-5	7-6	18635.9785	-0.6	18558.5622	1.4
	5-5	8-7	18637.6740	0.4	18560.2612	-0.6
	4-4	6-5	18638.0360	-1.4	18560.6185	-0.5
	4-4	7-6	18638.4430	1.2	18561.0375	-0.1
	2-2	5-4	18638.7390	0.3		
	3-3	6-5	18639.2695	-0.3	18561.9651	-0.2
	5-3	5-4	18639.4763	0.7		

[a] Observed-Calculated residuals in kHz.

[b] Line excluded from final fit.

TABLE 2

Measured Hyperfine Components of $Sc^{81}Br$ (MHz).

J'-J''	I'-I''	F'-F''	$v=0$		$v=1$	
1-0	5-5	6-5	6152.5747	-1.9[a]		
2-1	2-2	2-2	12308.8060	0.7		
	3-3	5-4	12309.5221	1.6	12258.3306	-0.6[a]
	5-5	6-5	12309.7646	0.6	12258.7957	-0.0
	2-2	3-2	12309.9014	-0.7		
	5-5	5-5	12311.9484	1.3	12261.0628	-2.0
	4-4	4-4	12312.1661	-0.6	12261.3480	-0.3
	5-5	7-6	12312.7074	-1.0	12261.7747	-0.2
	5-5	3-4	12313.9221	0.8		
	4-4	6-5	12314.0138	0.3	12263.1191	1.5
	3-4	4-3	12314.0868	-1.0	12263.2824	-3.5[b]
	2-2	4-3	12315.5642	-1.1		
	4-4	5-5	12320.2946	-0.6		
	4-2	3-3	12320.9695	-0.3		
	4-3	4-3	12321.2040	-0.1		
	3-3	4-4	12322.0999	4.0[b]		
	3-5	5-4	12323.5476	1.5		
	5-5	4-4	12324.8791	0.2		
	5-5	6-6	12327.2884	-0.3	12276.6098	-0.1
3-2	5-5	7-6	18469.2840	0.2	18392.3972	0.8
	5-5	8-7	18470.9238	0.2	18394.5517	-0.1
	4-4	6-5	18471.3057	1.0	18394.9246	0.9
	4-4	7-6	18471.6371	0.8	18395.2826	1.0
	2-2	5-4	18471.6830	5.0[b]	18395.3917	-1.9
	3-3	6-5	18472.1819	-2.5	18395.9010	1.1

[a] Observed-Calculated residuals in kHz.

[b] Line excluded from final fit.