

librated_final.ms		Ch0 (MHz)	Chan Wid(kHz)	#Chan	TotBW(chanwid*#chan)	END CHAN(Ch0+BW)	Ctrl Freq(MHz)	Ctrl Freq(GHz)		Transition frequency
21	contin	342517.106	-15625.00	128	-2000	340517.106	341524.9184	341.5249184		
25	HCN	354402.943	976.562	240	234.37488	354637.3179	354519.6424	354.5196424		354.505473
27	CH3OH	350685.387	976.562	480	468.74976	351154.1368	350919.2736	350.9192736		350.90507
29	CN	340381.918	-976.562	960	-937.49952	339444.4185	339913.6565	339.9136565		340.27912
96	contin	342518.247	-15625.00	128	-2000	340518.247	341526.0595	341.5260595		
100	HCN	354404.107	976.562	240	234.37488	354638.4819	354520.8064	354.5208064		354.505473
102	CH3OH	350686.544	976.562	480	468.74976	351155.2938	350920.4310	350.920431		350.90507
104	CN	340383.037	-976.562	960	-937.49952	339445.5375	339914.7753	339.9147753		340.27912
o_calibrated_final.ms		Ch0 (MHz)	Chan Wid(kHz)	#Chan	TotBW(chanwid*#chan)	END CHAN(Ch0+BW)	Ctrl Freq(MHz)	Ctrl Freq(GHz)		
19	contin	346307.761	-15625.00	128	-2000	344307.761	345315.5736	345.3155736		
25	SiO	347814.465	-976.562	960	-937.49952	346876.9655	347346.2037	347.3462037		347.3305786
27	HCO+	356282.064	976.562	960	937.49952	357219.5635	356750.3558	356.7503558		356.734242
29	CH3OH	357686.269	976.562	1920	1874.99904	359561.268	358623.2806	358.6232806		358.60587
82	contin	346309.92	-15625	128	-2000	344309.92	345317.7324	345.3177324		
88	SiO	347816.636	-976.562	960	-937.49952	346879.1365	347348.3738	347.3483738		347.3305786
90	HCO+	356284.325	976.562	960	937.49952	357221.8245	356752.587	356.752587		356.734242
92	CH3OH	357688.47	976.562	1920	1874.99904	359563.469	358625.4812	358.6254812		358.60587
	TIME SMEARING									
	MHz	m(lamda)								
	342518.247	0.00088								
		Transition			B MHz	B cm-1		A s-1		
			mass	tag(CDMS)	rotational constants	rotational constants		Einstein Co (s^-1)		
	SiO	8-7	347.330579	44.08	44505	21787.487	0.7267523388	SiO	0.002203027914	
	HCN	4-3	354.505473	27.0253		44315.976 MHz	1.478221844	HCN	0.0006846206587	
	CN	3-2	# 339.90000	26.02	26504	5669.347	1.89974	CN	9.27E-07	
	HCO+	4-3	356.734242	19.023	29507	44594.43MhZ	1.487510069	HCO+	0.003572152572	
	CH3OH	1-0,	350.905119				4.25385658(284)	CH3OH	0.0003314820378	
		4-3	358.6085						1.32E-04	



