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RF Project 761420/711626
Interim Technical Report



A SPECTRUM OF METHANE FROM 700 to 5500 cm^{-1}

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Headquarters Contract and Grants Division
Washington, D.C. 20546

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HC A22/MF A01 CSCL 07D N84-16280
G3/25 18275 Unclas

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The Ohio State University
Research Foundation

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Columbus, Ohio 43212

ABSTRACT

An atlas of CH₄ lines between 700 and 5,500 cm⁻¹ obtained from long-path-length samples at 296 K is presented. Many of the line centers are marked and their positions tabulated.

INTRODUCTION

Previous atlases in this series (1,2,3) have shown spectra of low-pressure, long-path-length samples of N_2O , O_3 , and CO_2 from about 800 to beyond 5000 cm^{-1} . The path lengths and absorbing gas pressures of these samples were chosen so that the weakest lines of these gases which would be seen in extremely long atmospheric paths would also appear in these laboratory spectra.

In this atlas, the spectrum of a sample of 3.1 torr CH_4 at 291 K in a path length of 304 m taken with a HgCdTe detector from 700 to 2000 cm^{-1} is shown. The spectrum of another low pressure sample of CH_4 taken with an InSb detector is shown from 1800 to 5500 cm^{-1} . The spectra resolution is about 0.06 cm^{-1} and thus most of the CH_4 lines which are significant features of atmospheric spectrum can be seen in these spectra.

Information about many of the lines in these bands is given in the AFGL listing of the line parameters of atmospheric gases (4). This listing is based on the results of many spectroscopists, and it can be used to generate synthetic spectra of CH_4 for wide ranges of path lengths and pressures. A number of spectra of laboratory samples of CH_4 have previously been published including an atlas of lines of CH_4 between 1120 and 1800 cm^{-1} by Blatherwick, et al. (5) but these usually only cover small spectral regions.

ATLAS DESCRIPTION

The data were collected with the Nicolet Fourier Transform Spectrometer and 10 m absorption cell described in the previous atlases (1,2,3). Most of the observed features are due to CH₄ but some of the stronger lines of CO₂ and H₂O, present in the box enclosing the spectrometer can be identified in the spectra. The positions of some of the H₂O lines (6,7) have been used to calibrate the spectra in terms of wavenumber (cm⁻¹). The overall accuracy is similar to that obtained in previous analyses.

REFERENCES

1. R.L. Hawkins, R.J. Nordstrom, and J.H. Shaw, "The Spectrum of N₂O between 800 and 5,200 cm⁻¹". Interim Technical Report prepared under NASA Grant No. NSG-7479 with The Ohio State University, Columbus, Ohio 43210 (1980).
2. E. Damon, R.L. Hawkins, and J.H. Shaw, "A Spectrum of Ozone from 760 to 5,800 cm⁻¹". Interim Technical Report, prepared under NASA Grant No. NSG-7479 with The Ohio State University, Columbus, Ohio 43210 (1981).
3. D.H. Smith, M.L. Hoke, R.L. Hawkins, and J.H. Shaw, "A Spectrum of Carbon Dioxide from 800 to 5500 cm⁻¹". Interim Technical Report prepared under NASA Grant No. NSG-7479 with The Ohio State University, Columbus, Ohio 43210 (1981).
4. L.S. Rothman, R.R. Gamache, A. Barbe, A. Goldman, J.R. Gittes, L.R. Brown, R.A. Toth, J.M. Flaud, and C. Camy-Peyret, Appl. Opt. 22 2247 (1983).
5. R.D. Blatherwick, A. Goldman, B.L. Lutz, P.M. Silvaggio and R.W. Boese, Appl. Opt. 18 3798 (1979).
6. C. Camy-Peyret and J.M. Flaud, "Line Positions and intensities in the 2 band of H₂¹⁶O", Mol. Phys., 32, 523 (1976).
7. L.A. Pugh, dissertation, The Ohio State University (1972).

ATLAS

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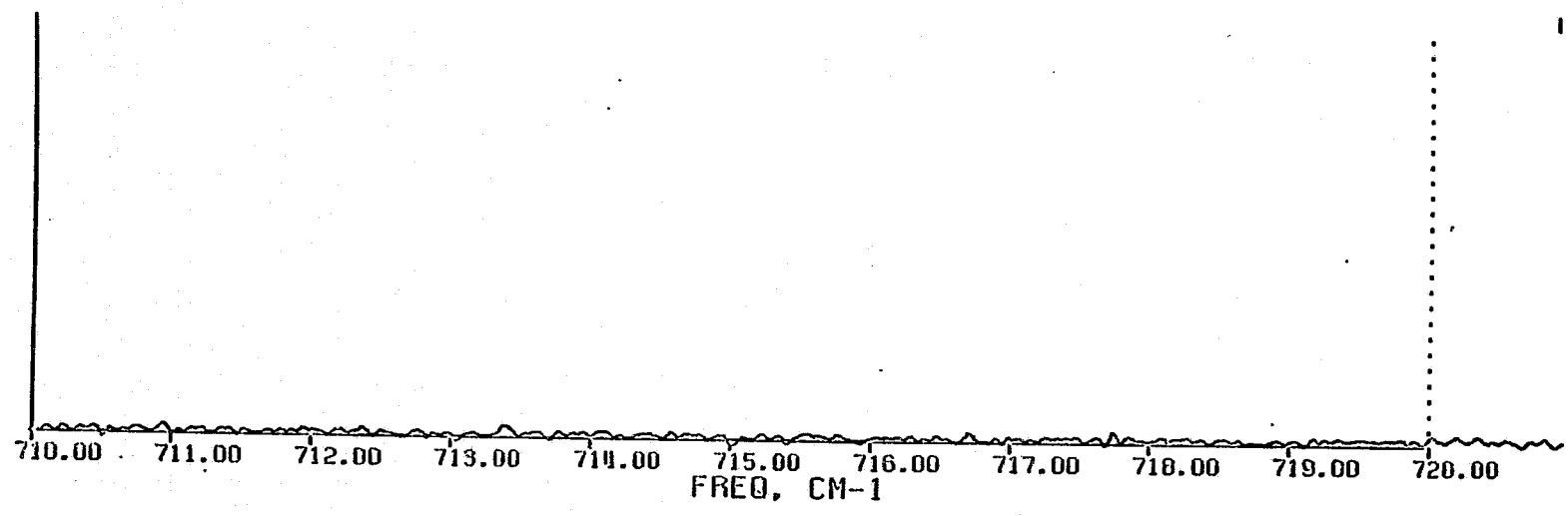
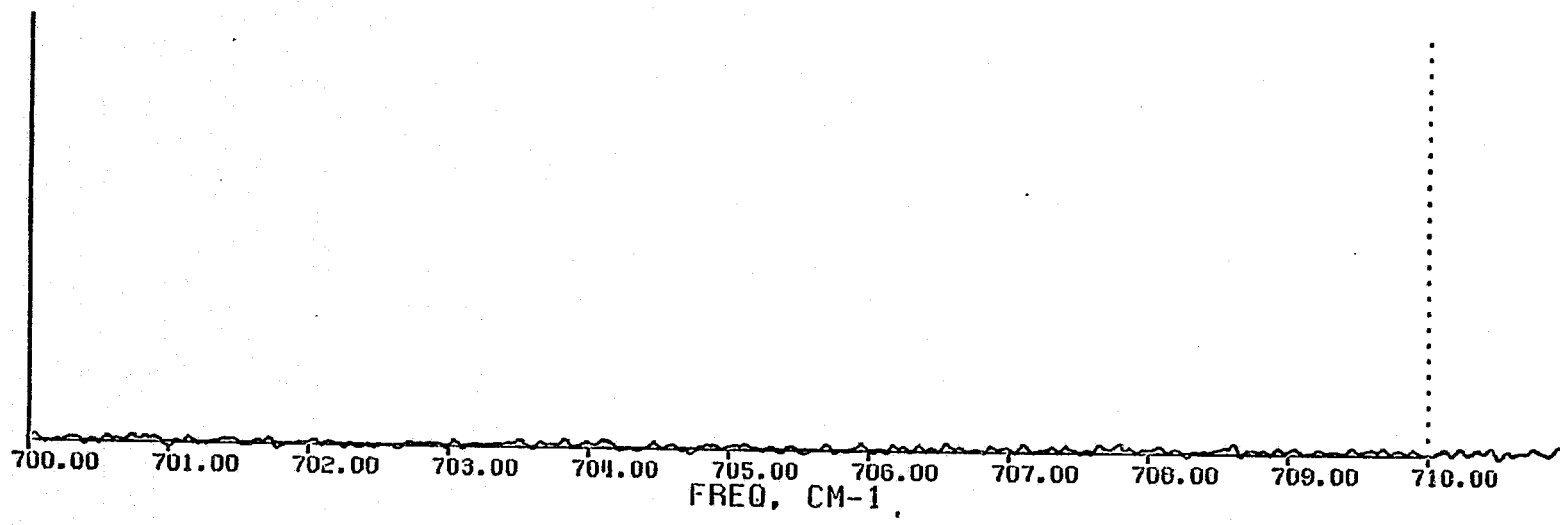
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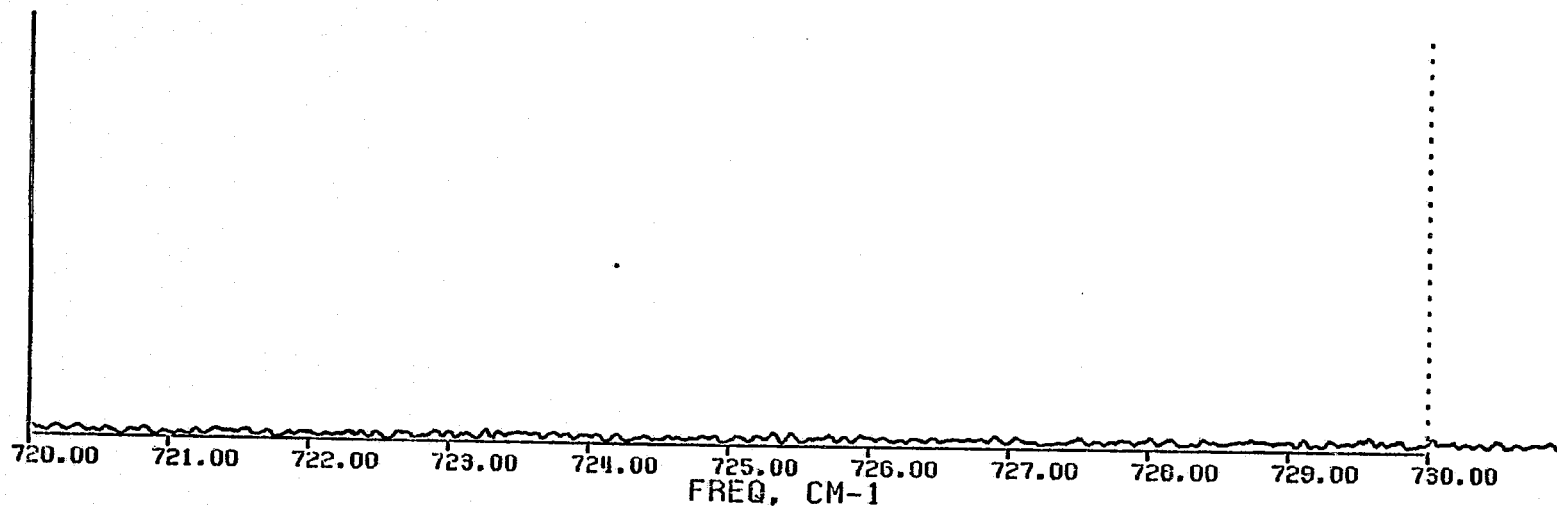
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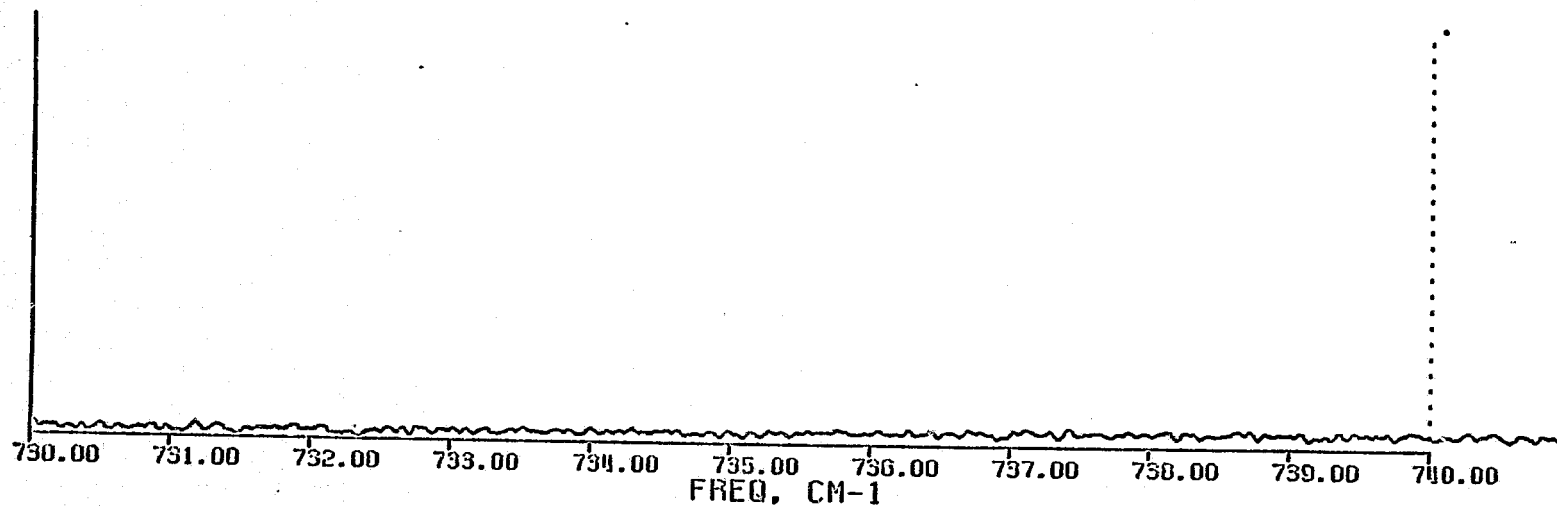
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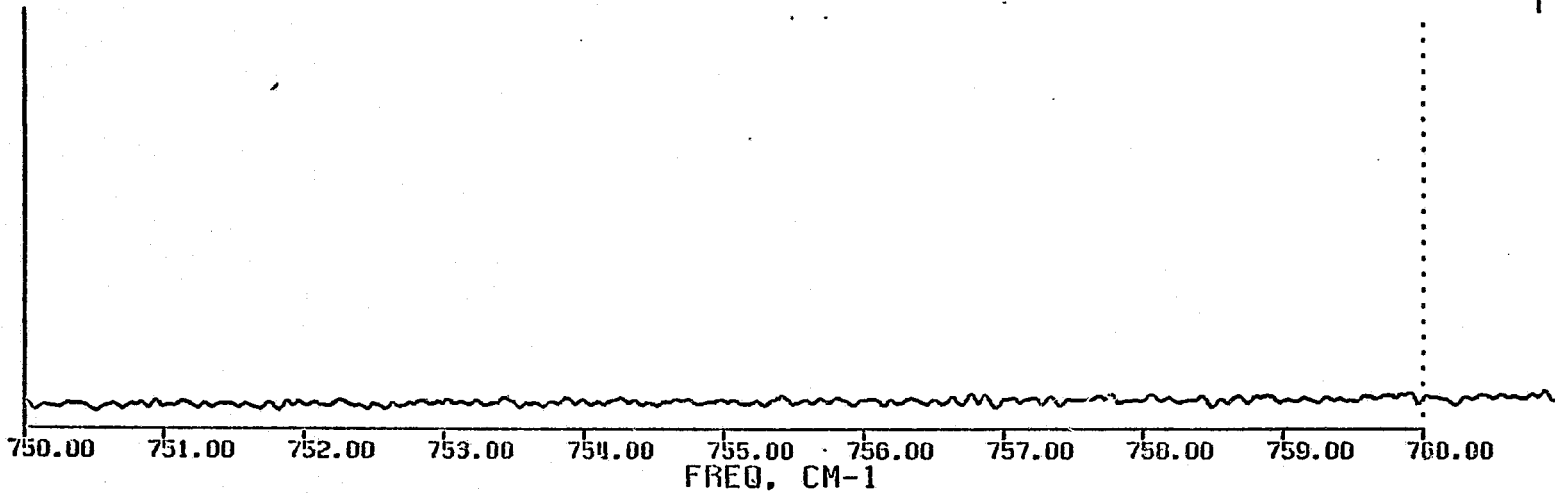
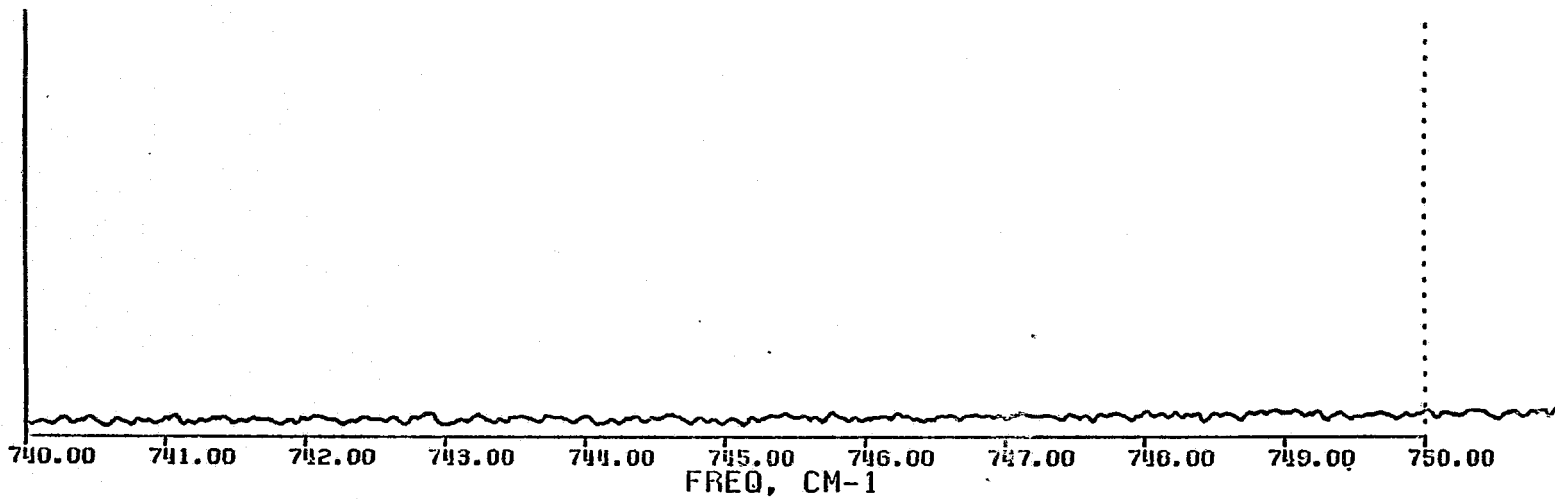
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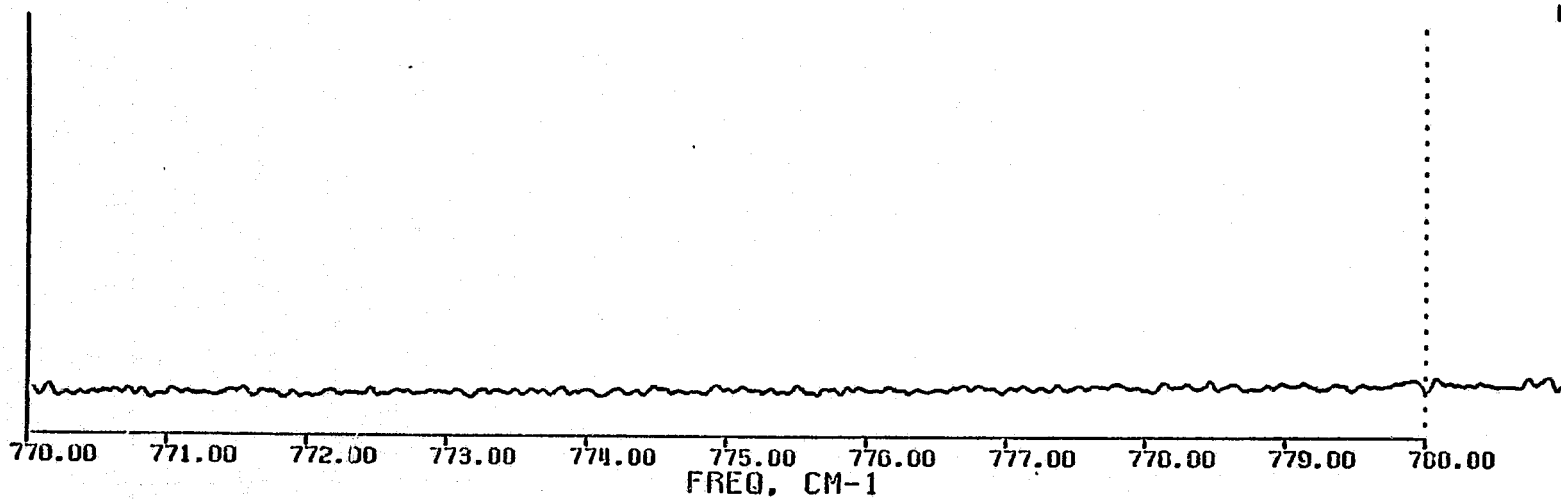
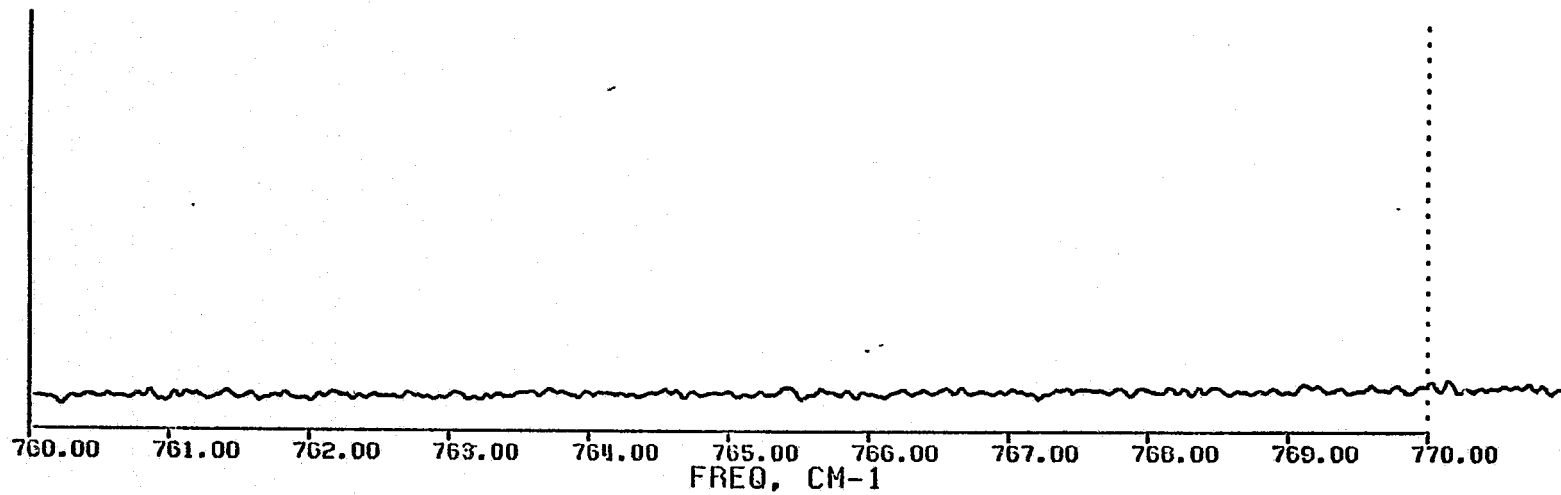
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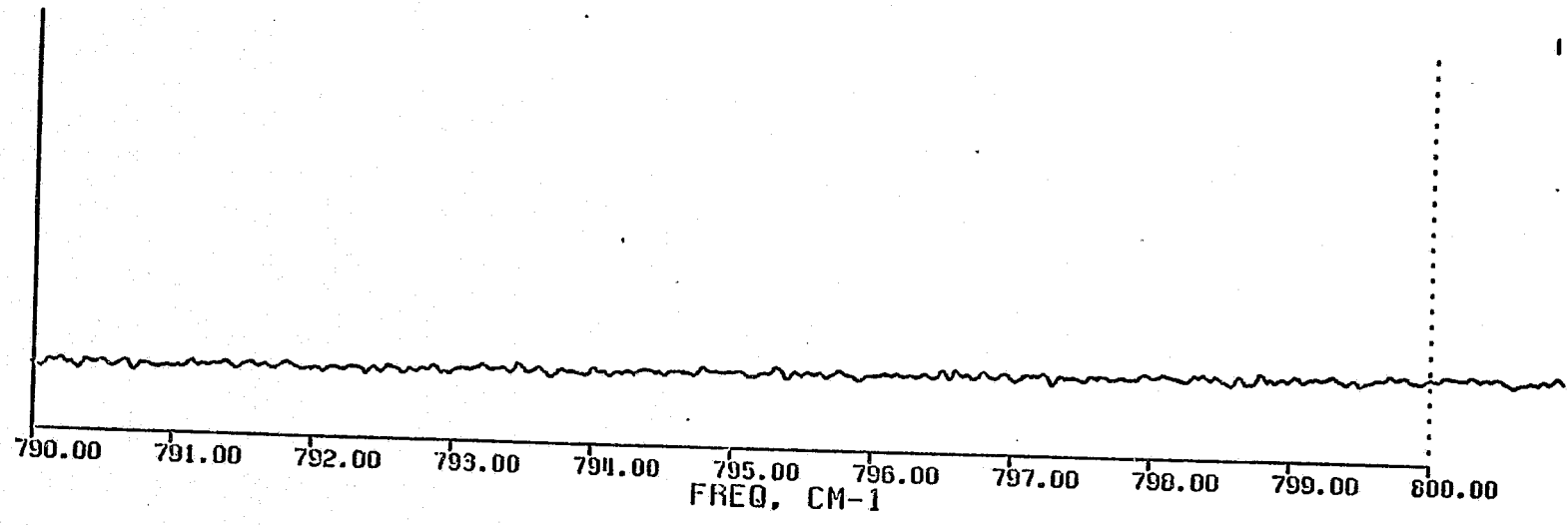
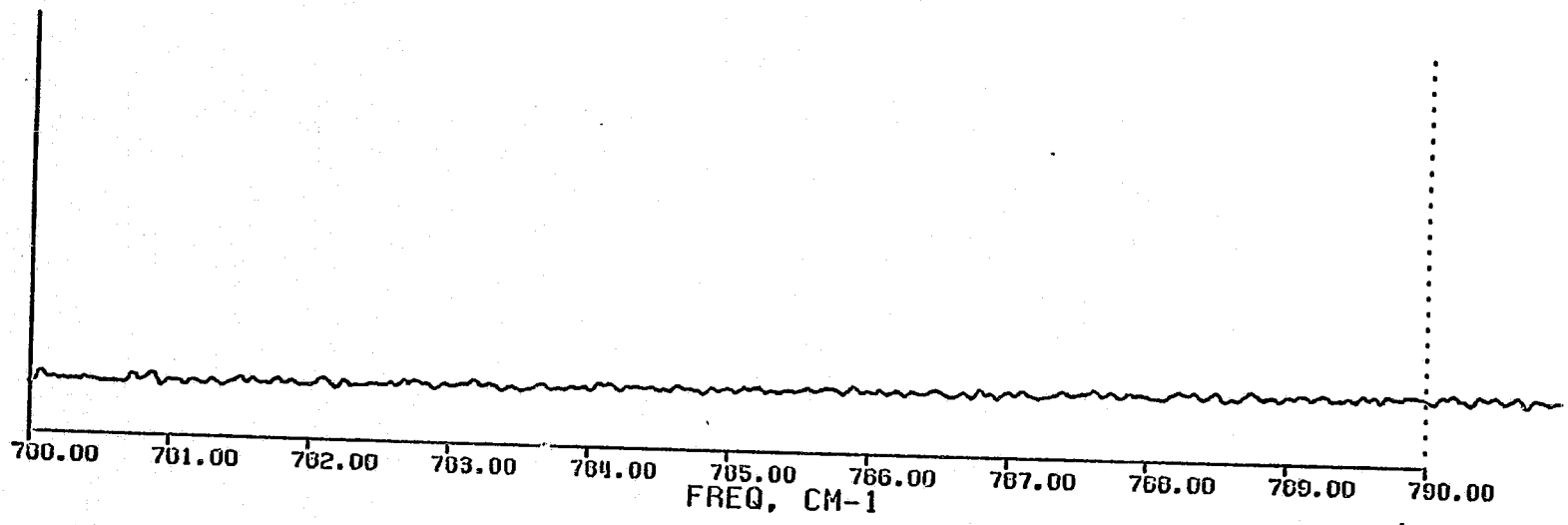
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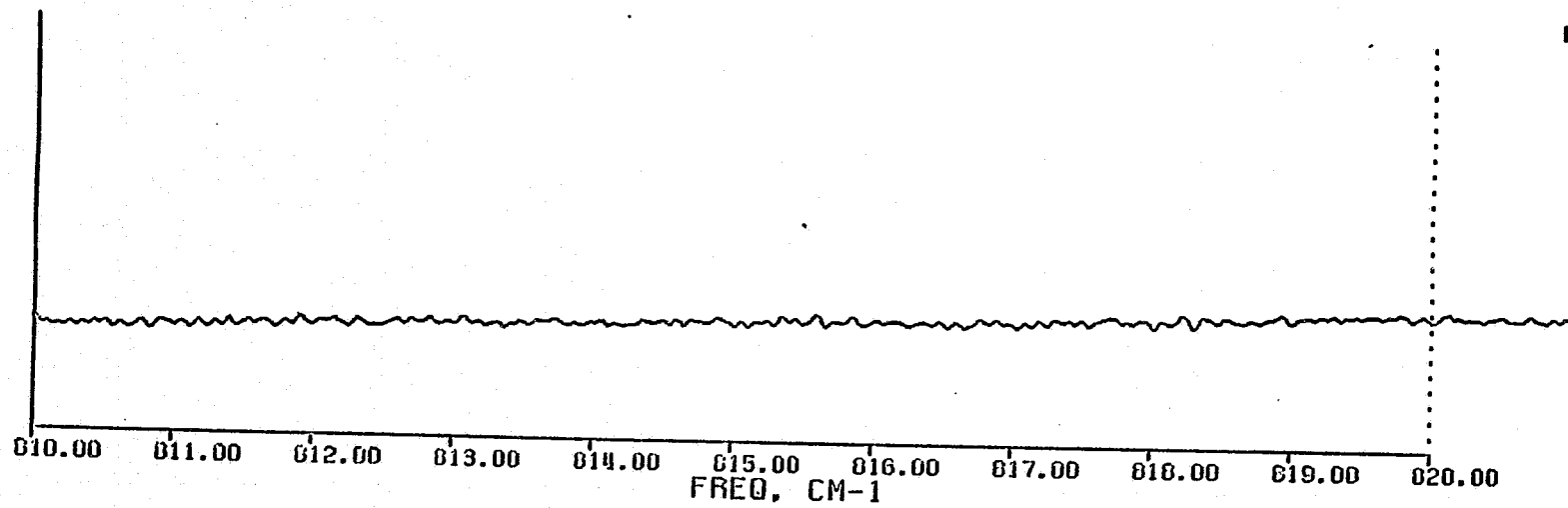
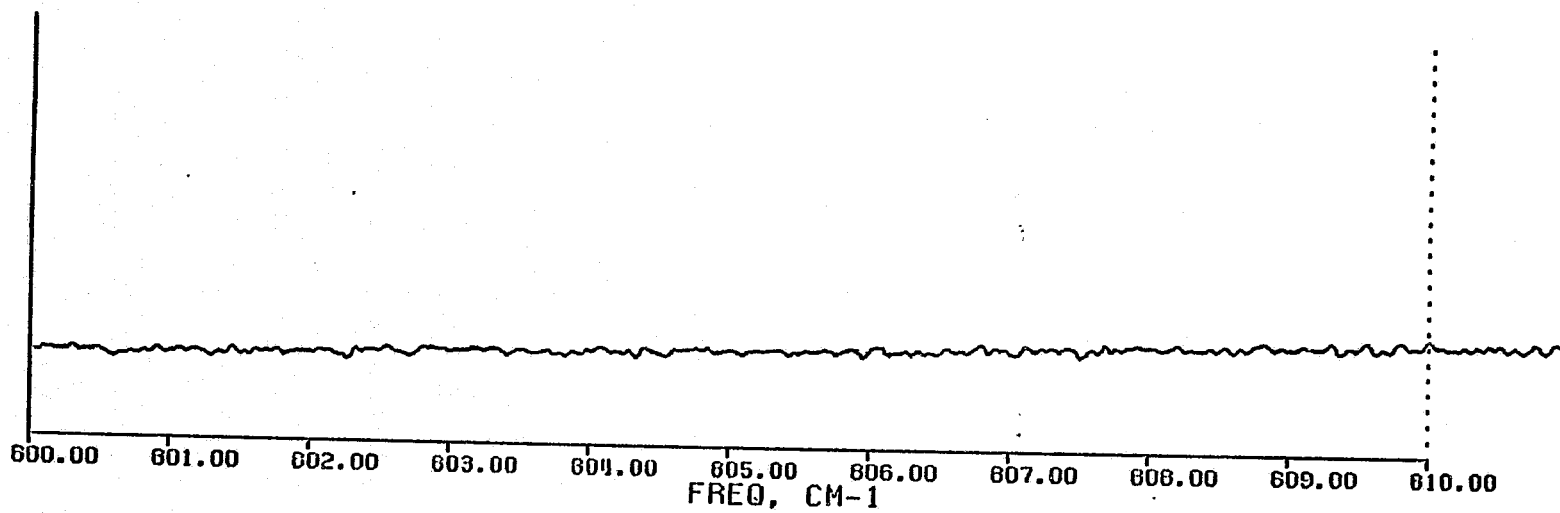
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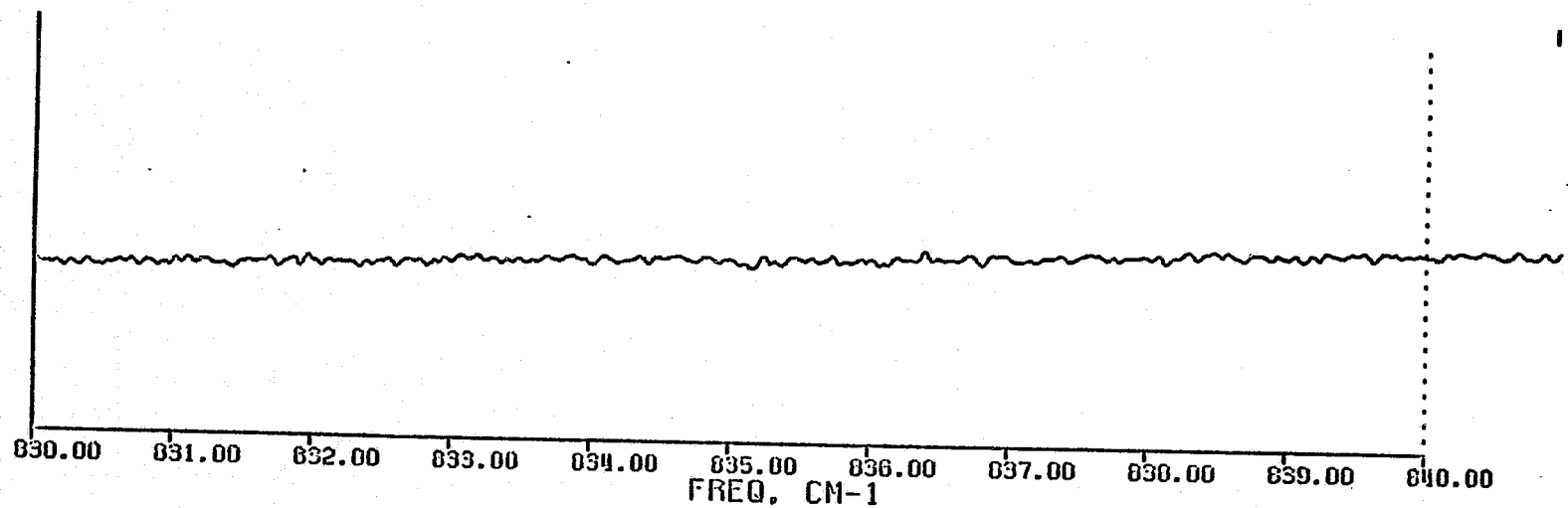
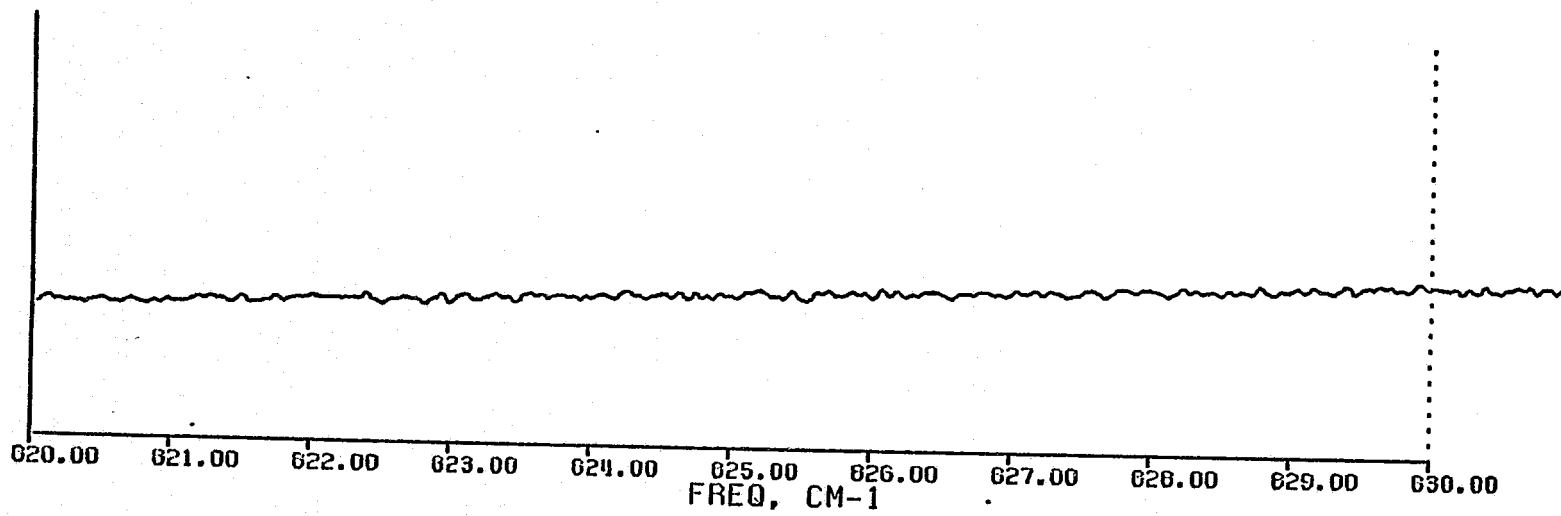
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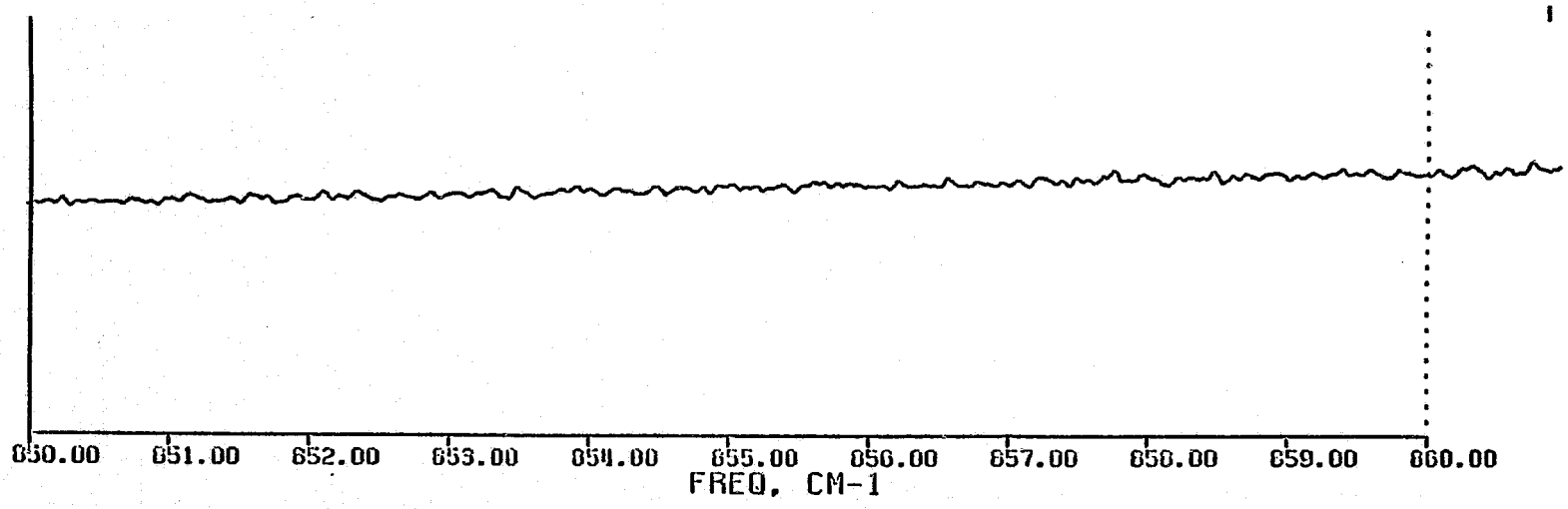
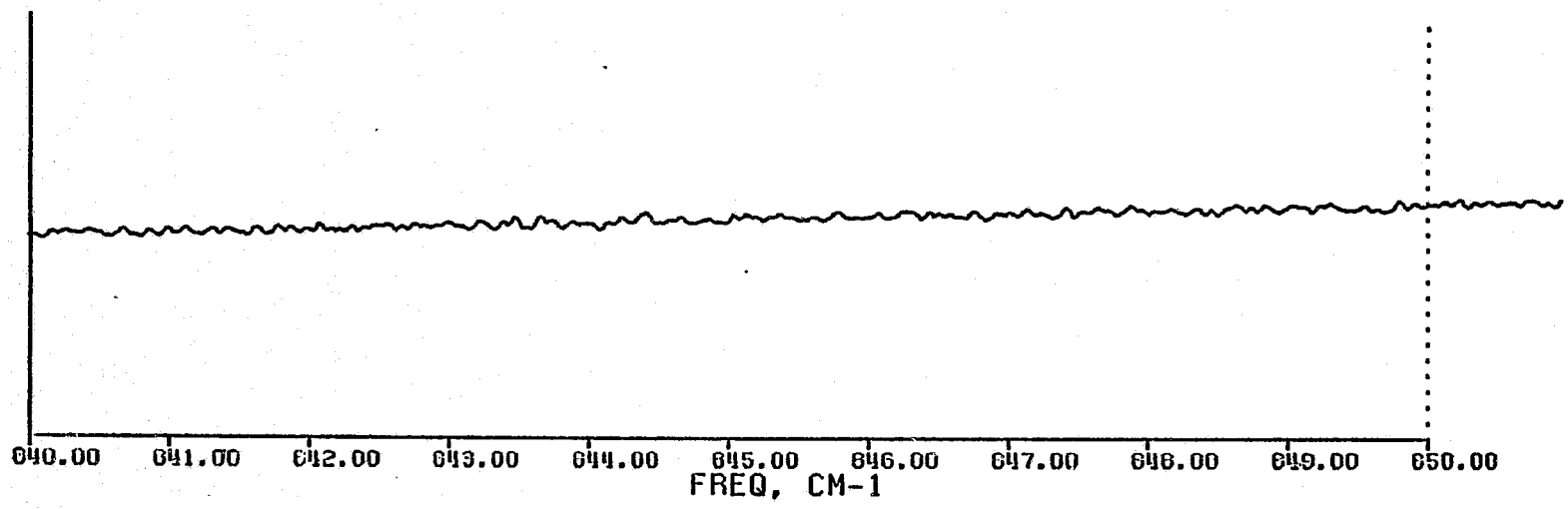
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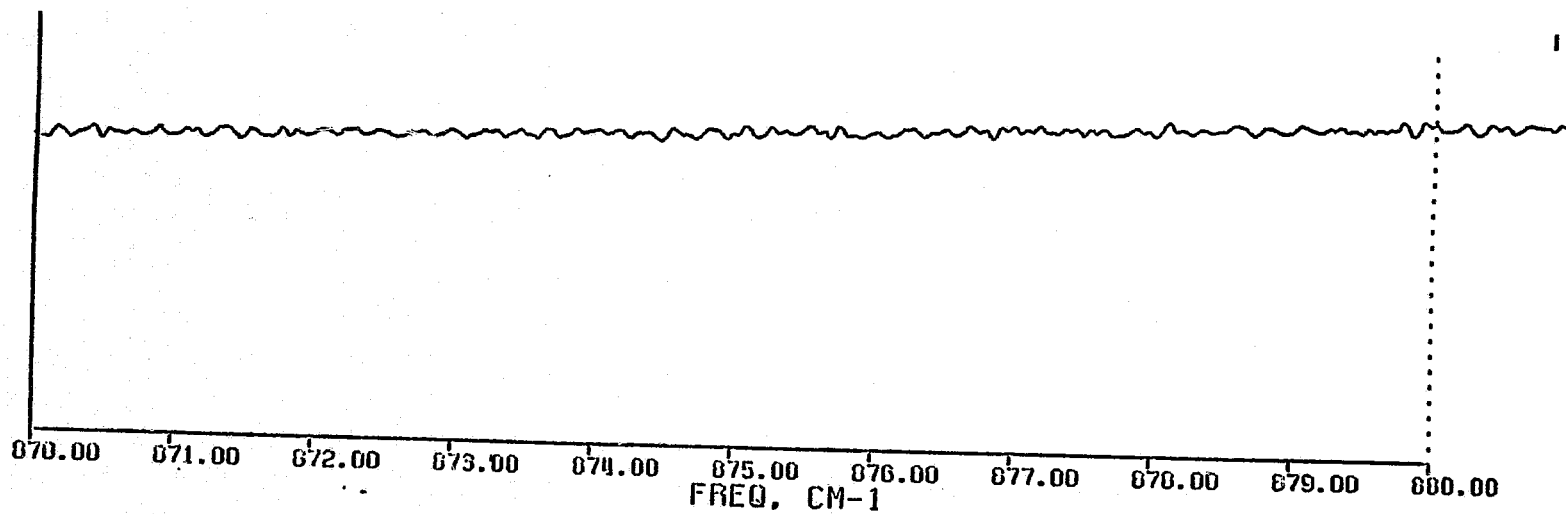
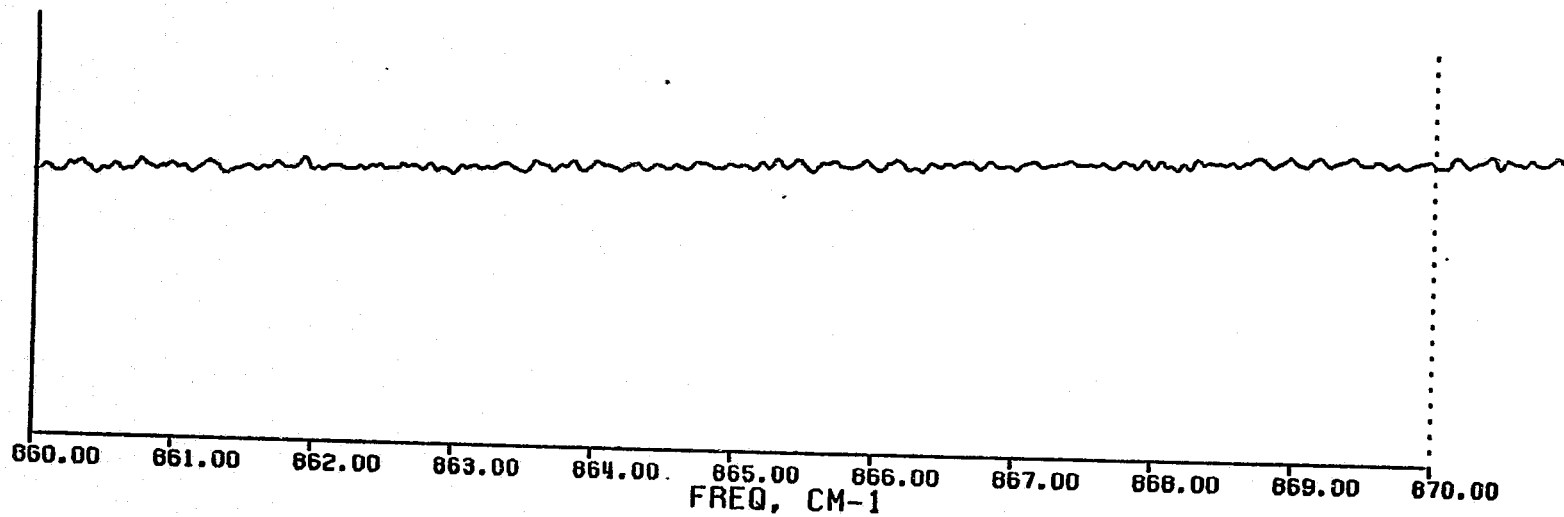
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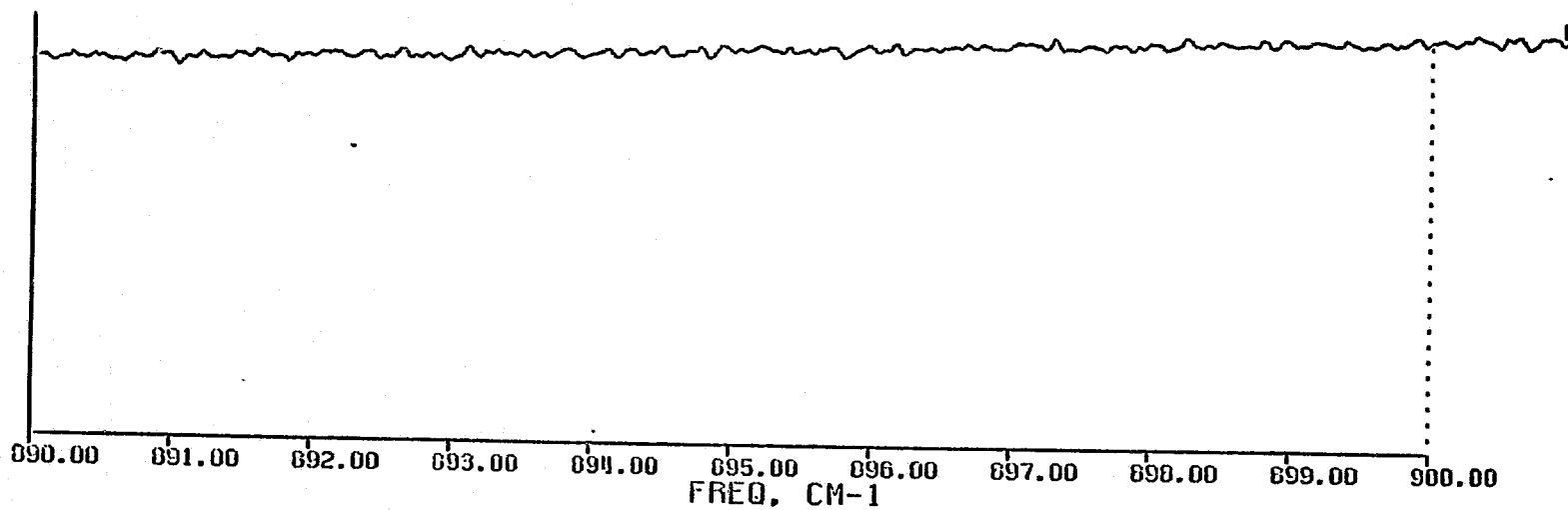
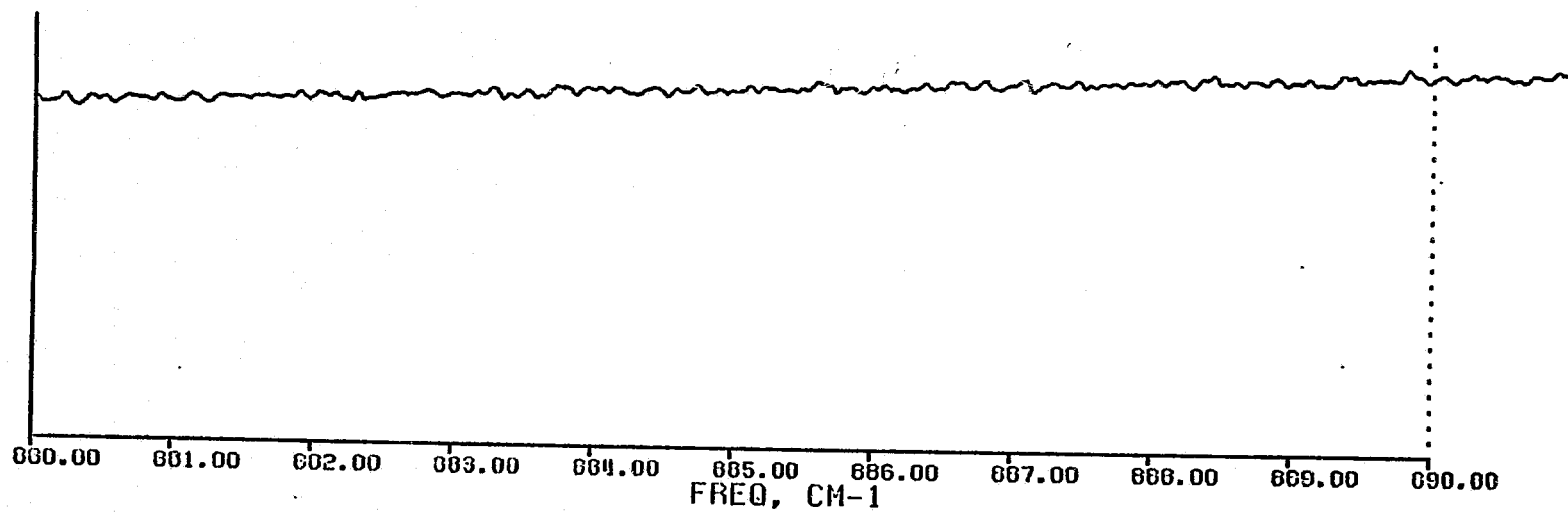
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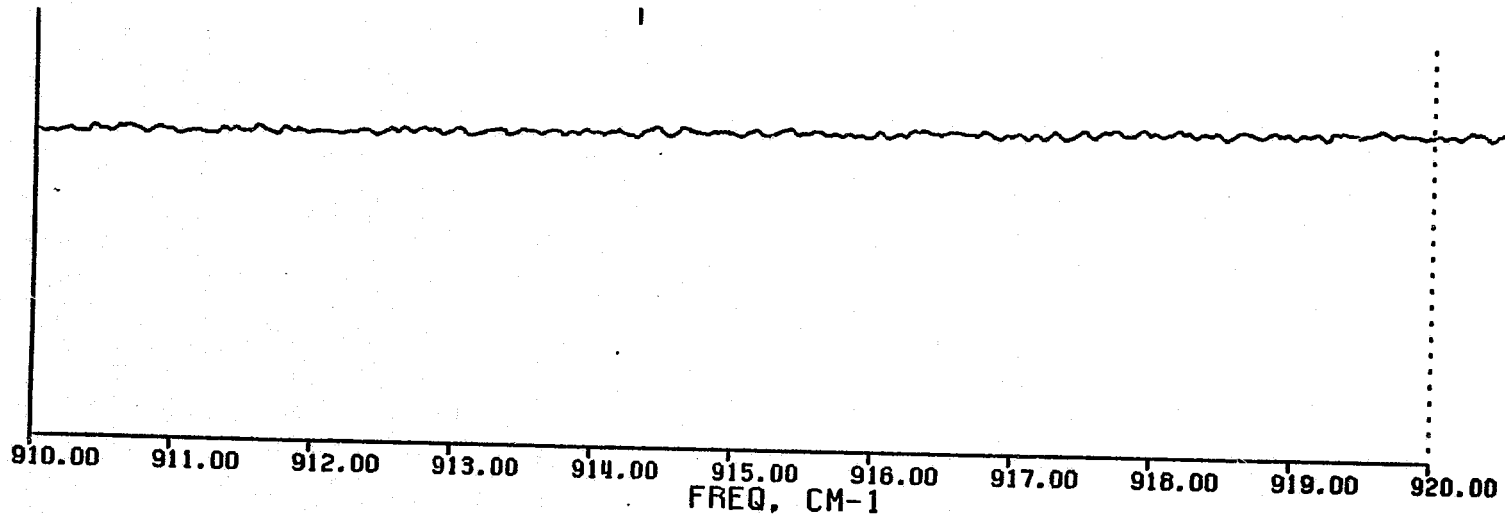
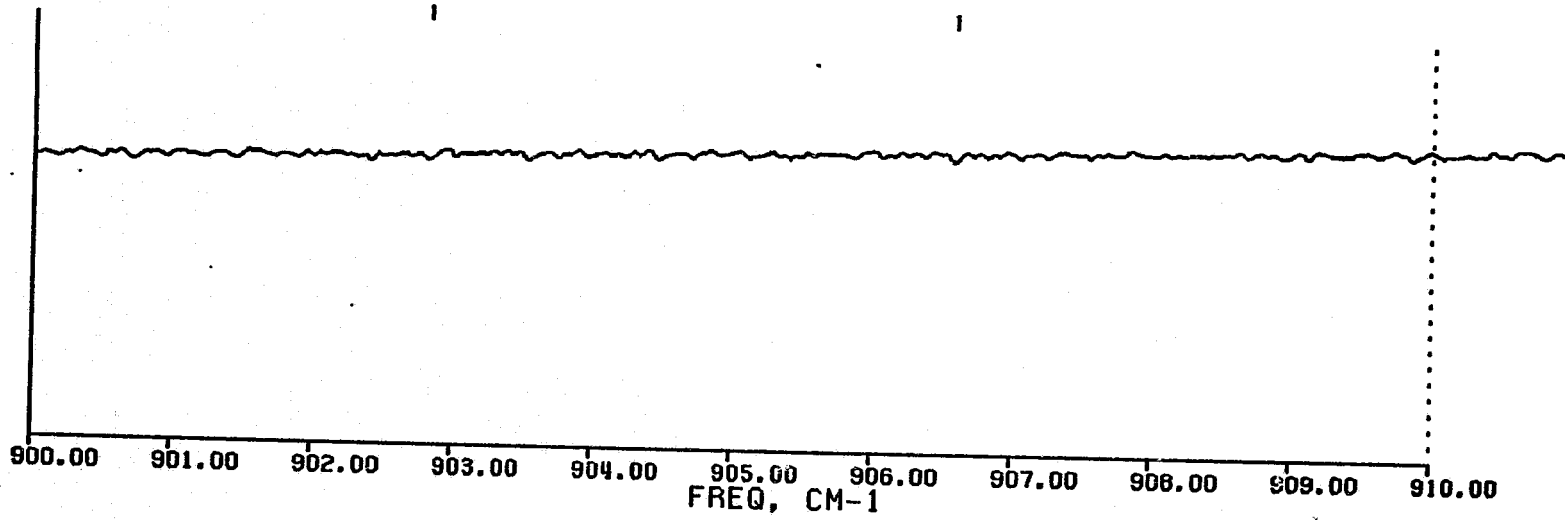
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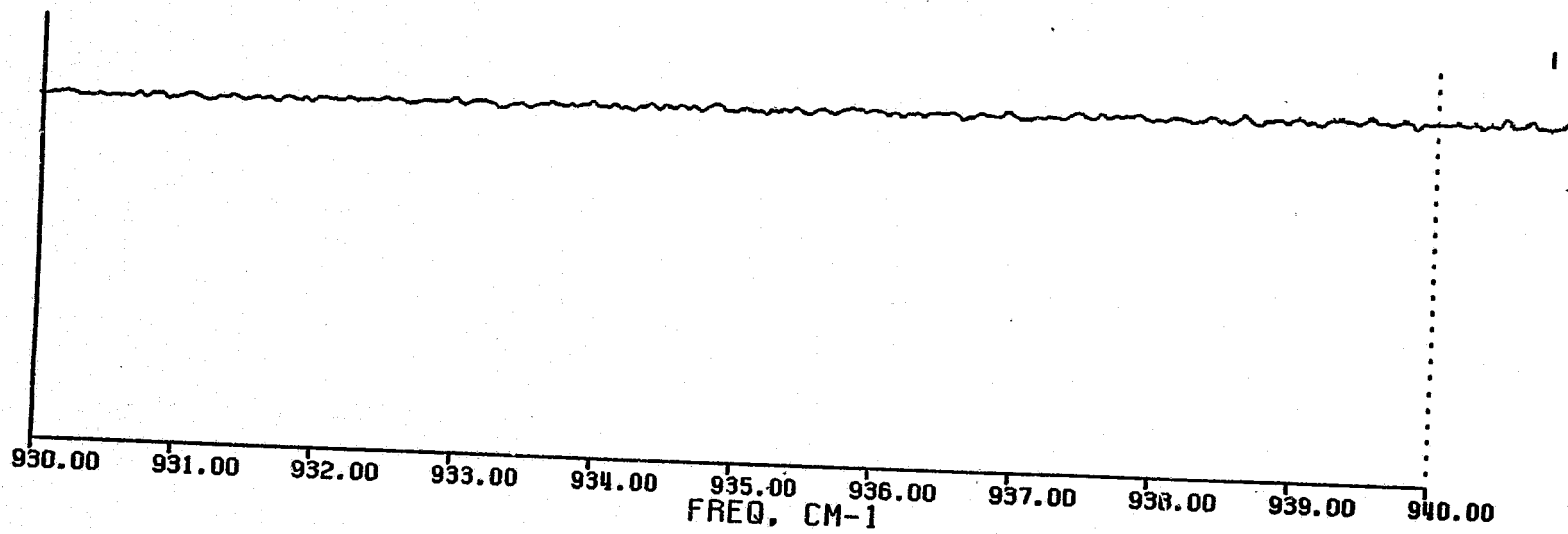
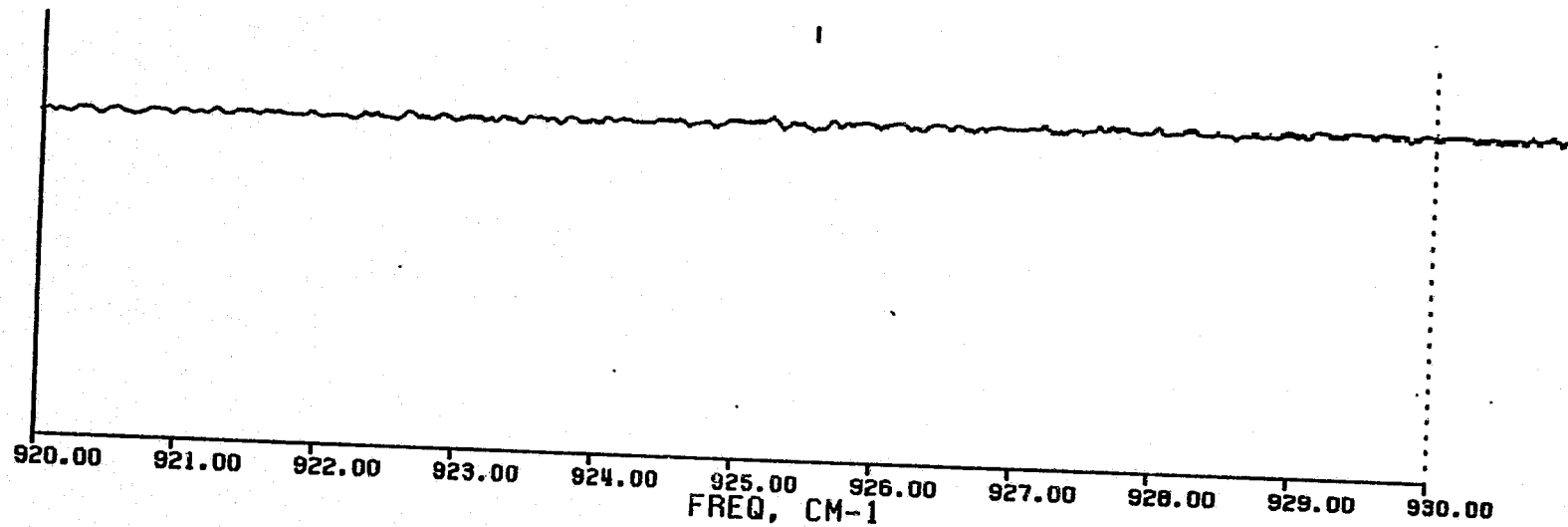
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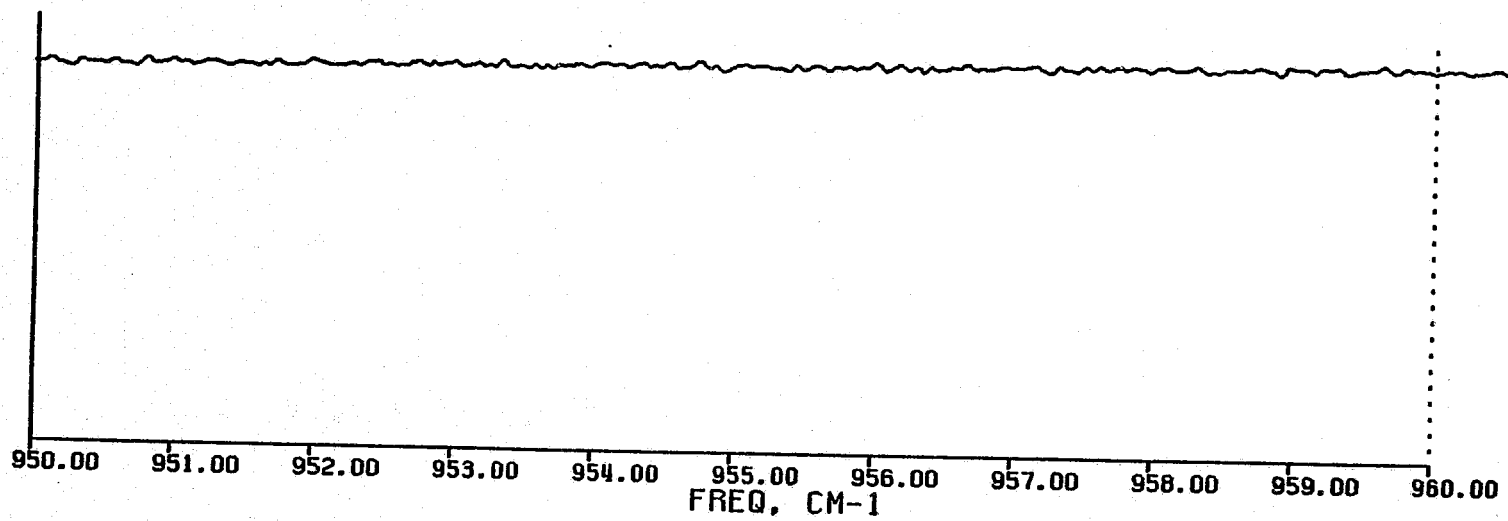
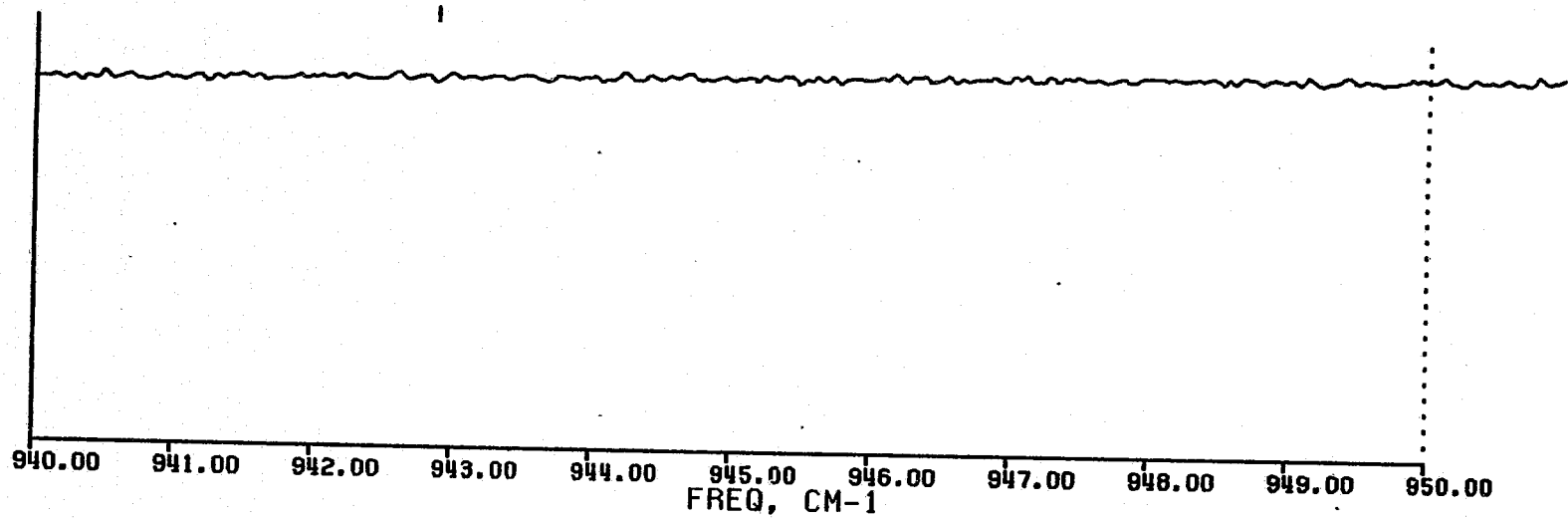
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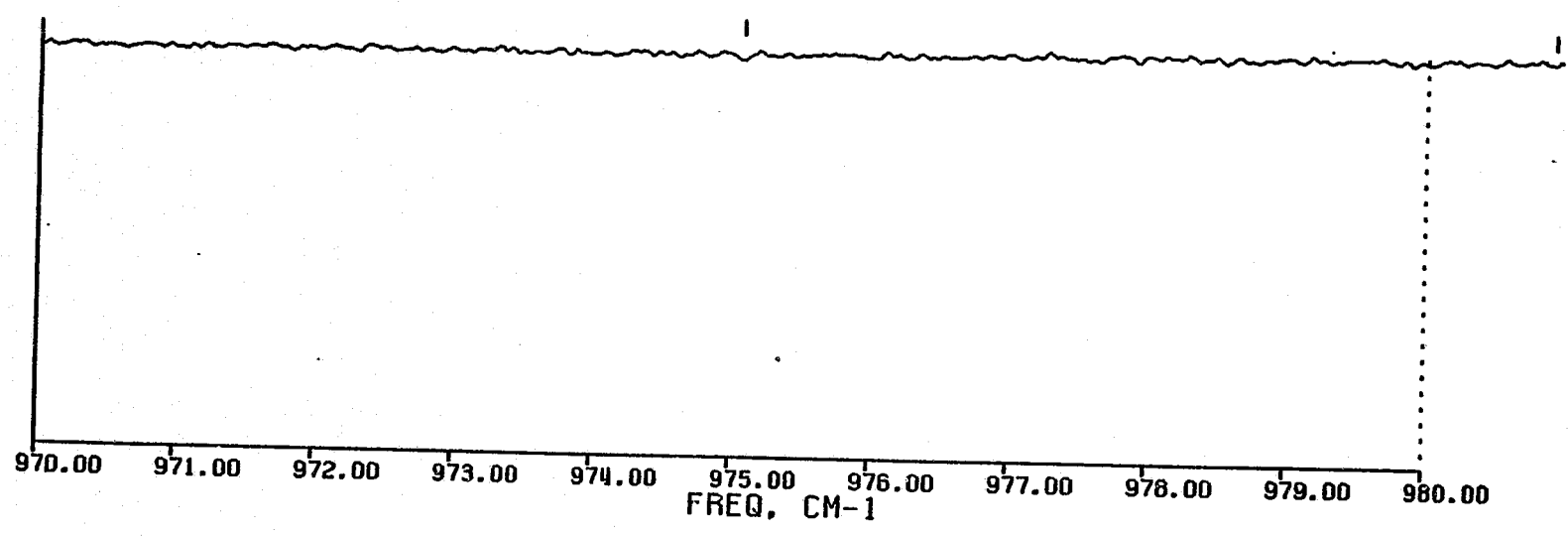
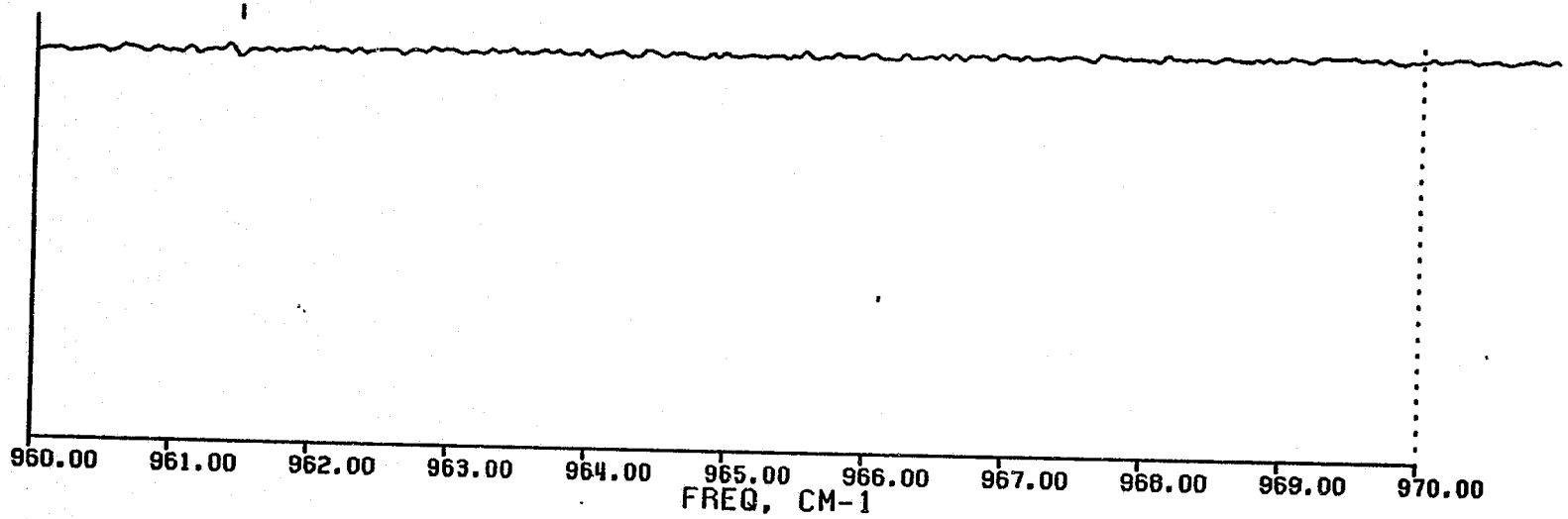
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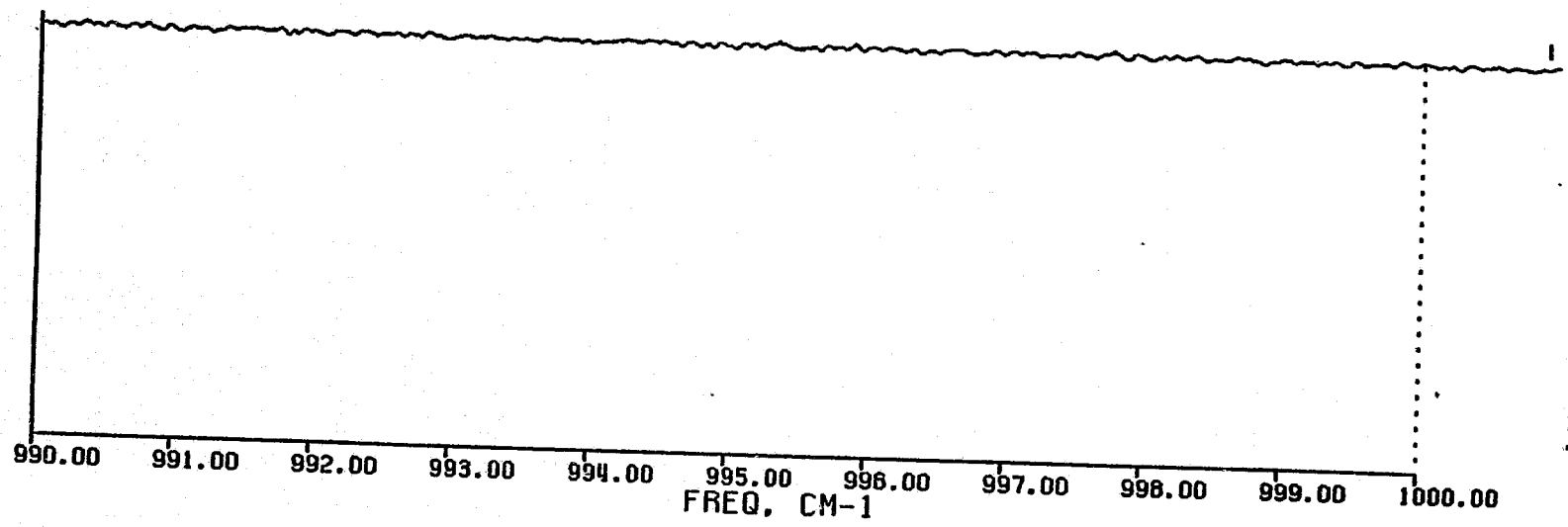
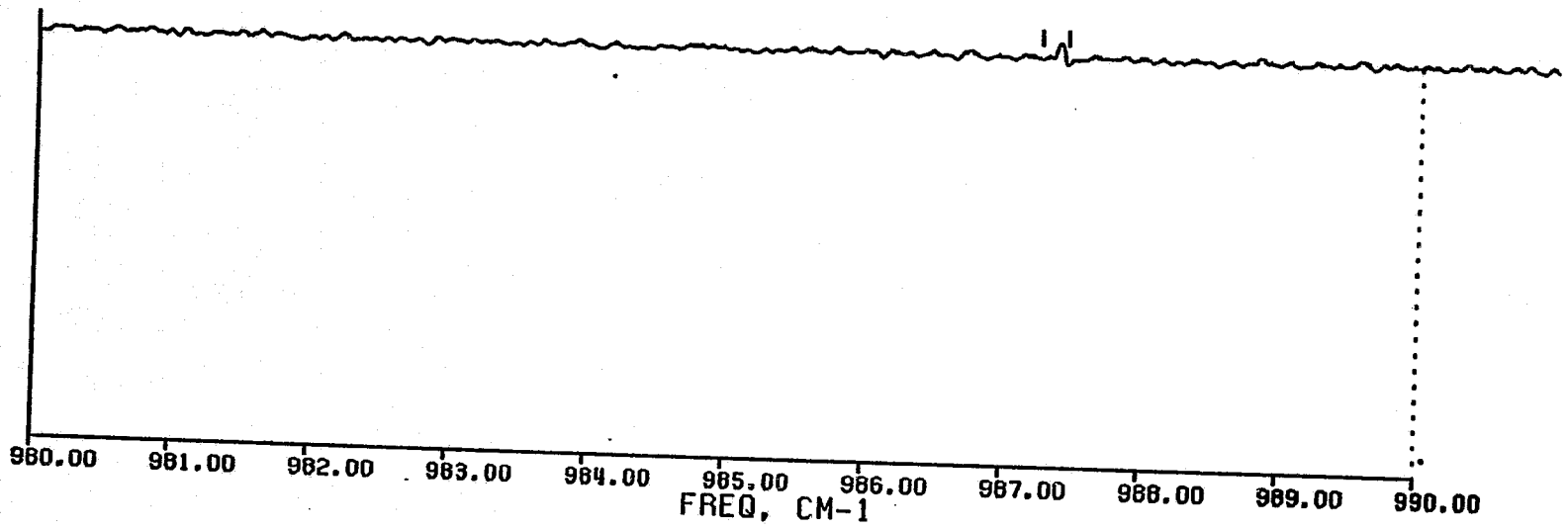
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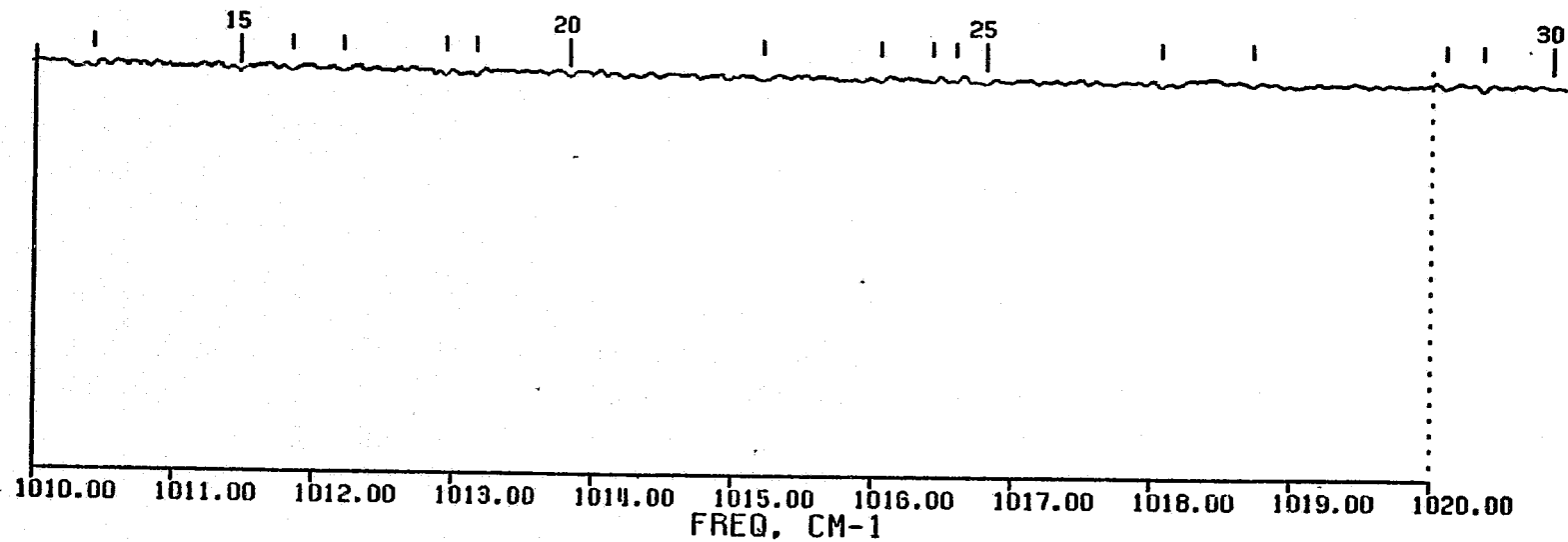
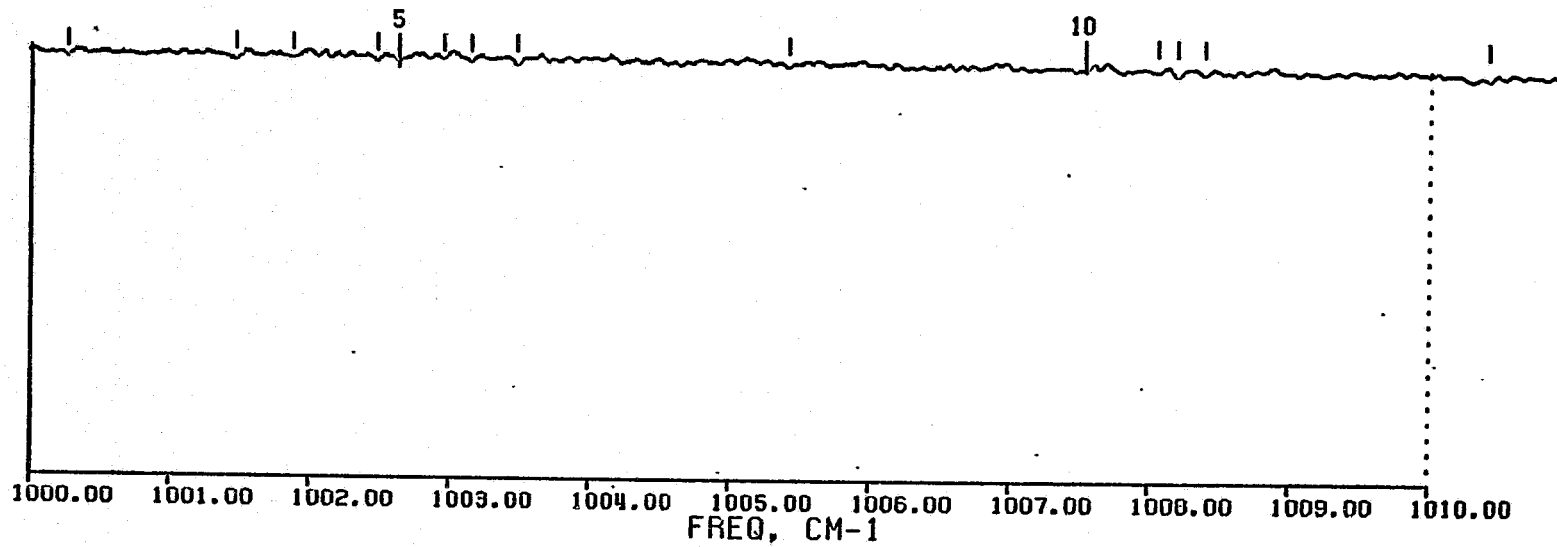
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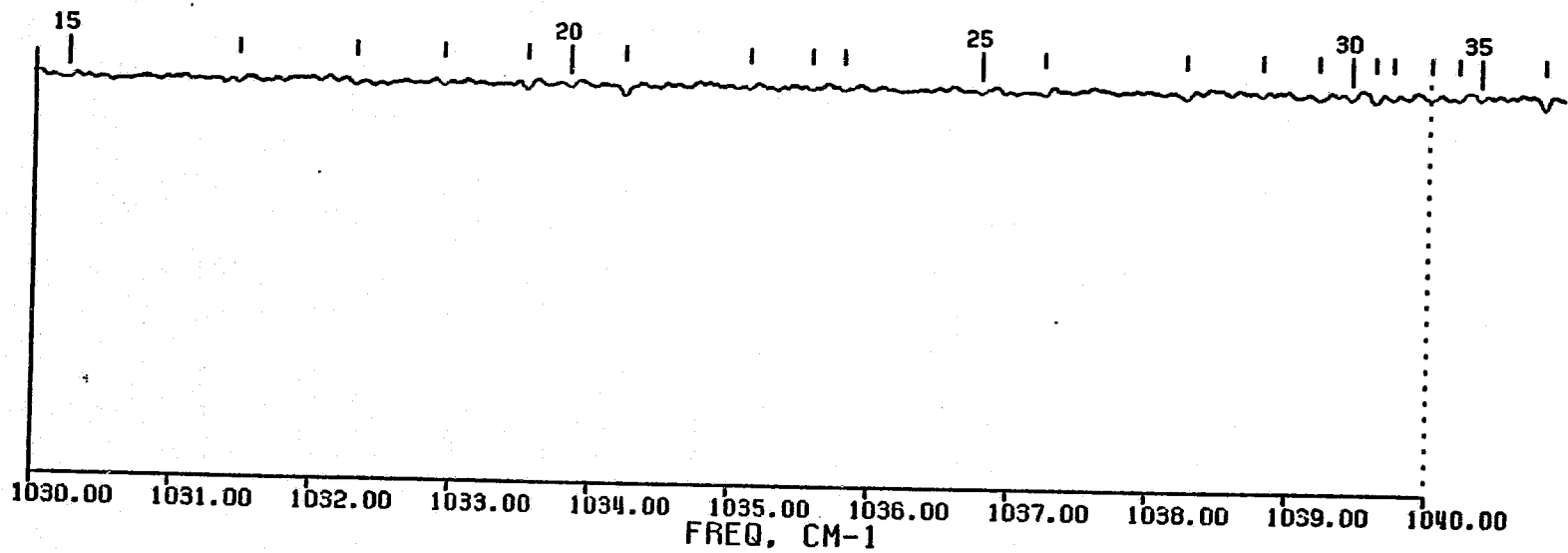
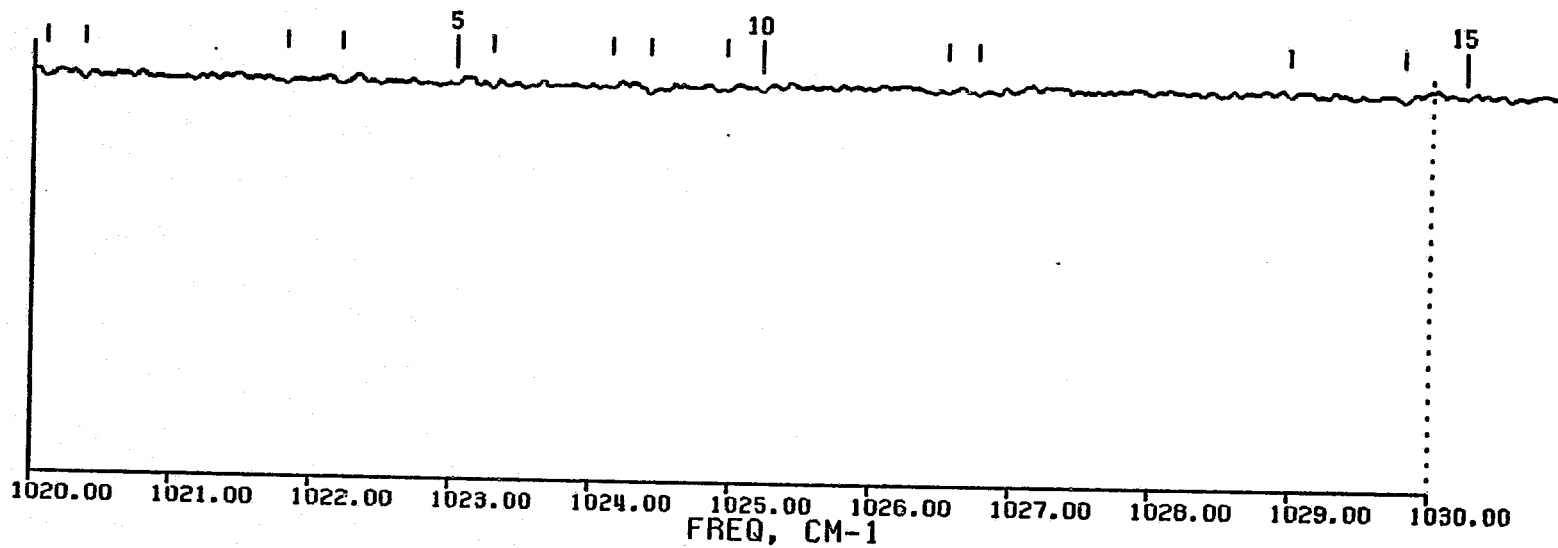
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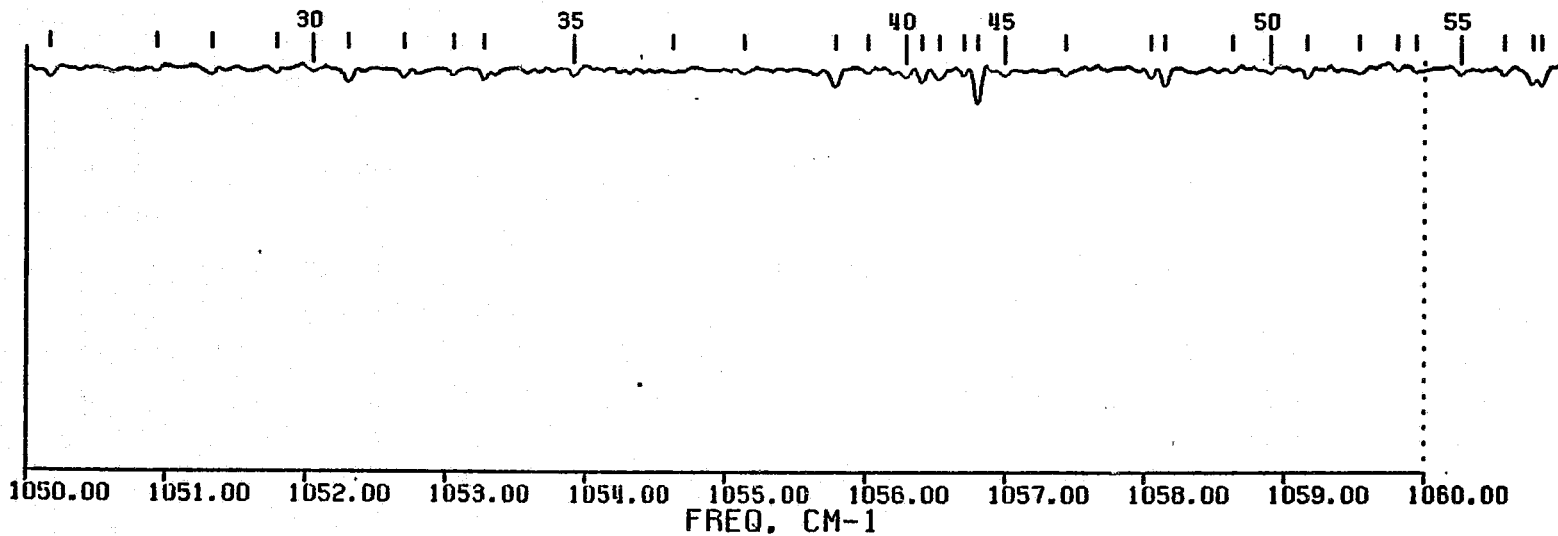
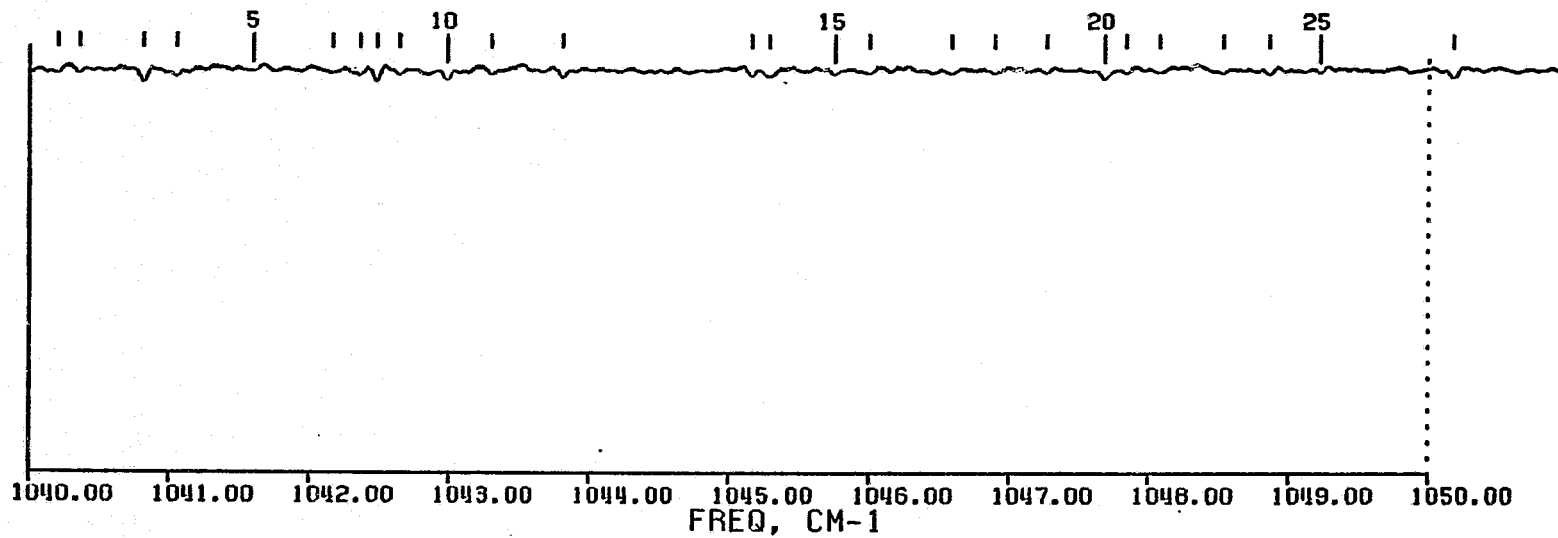
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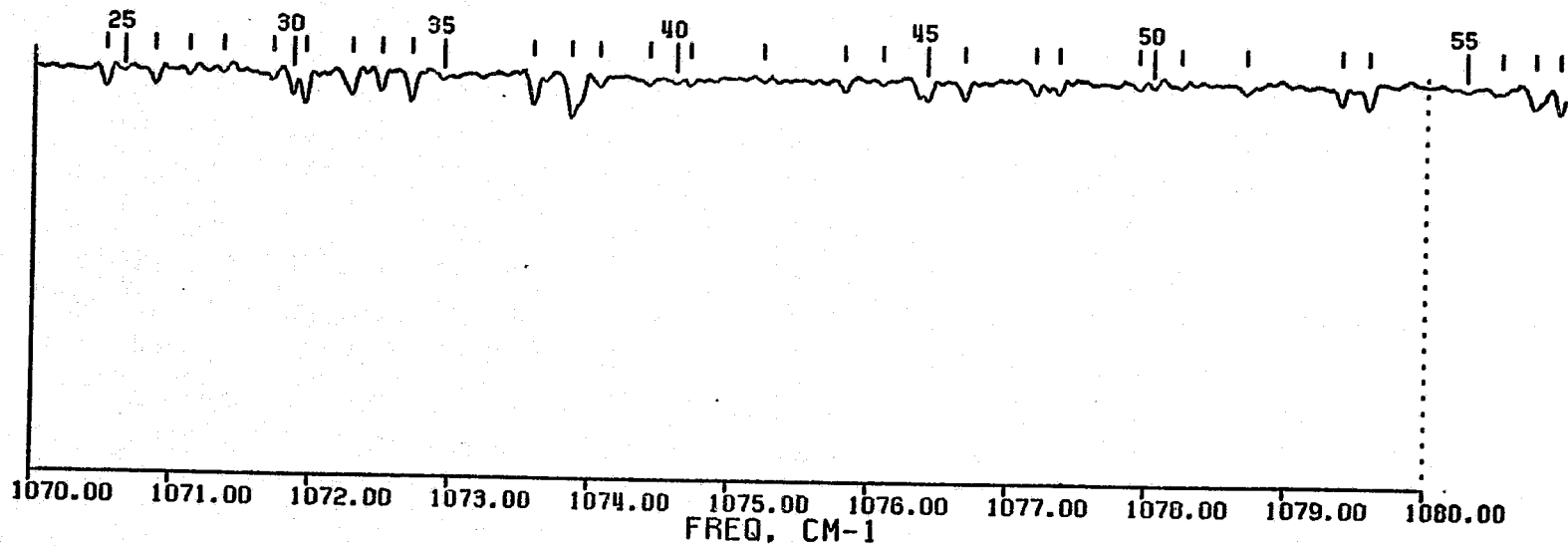
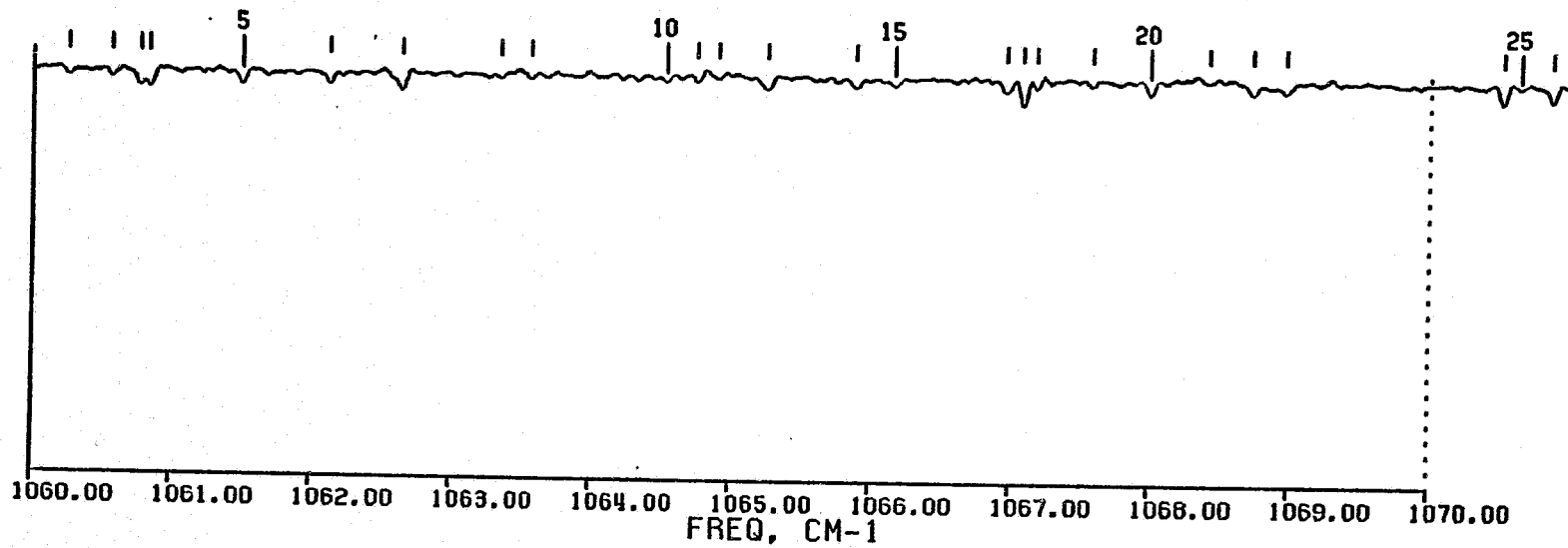
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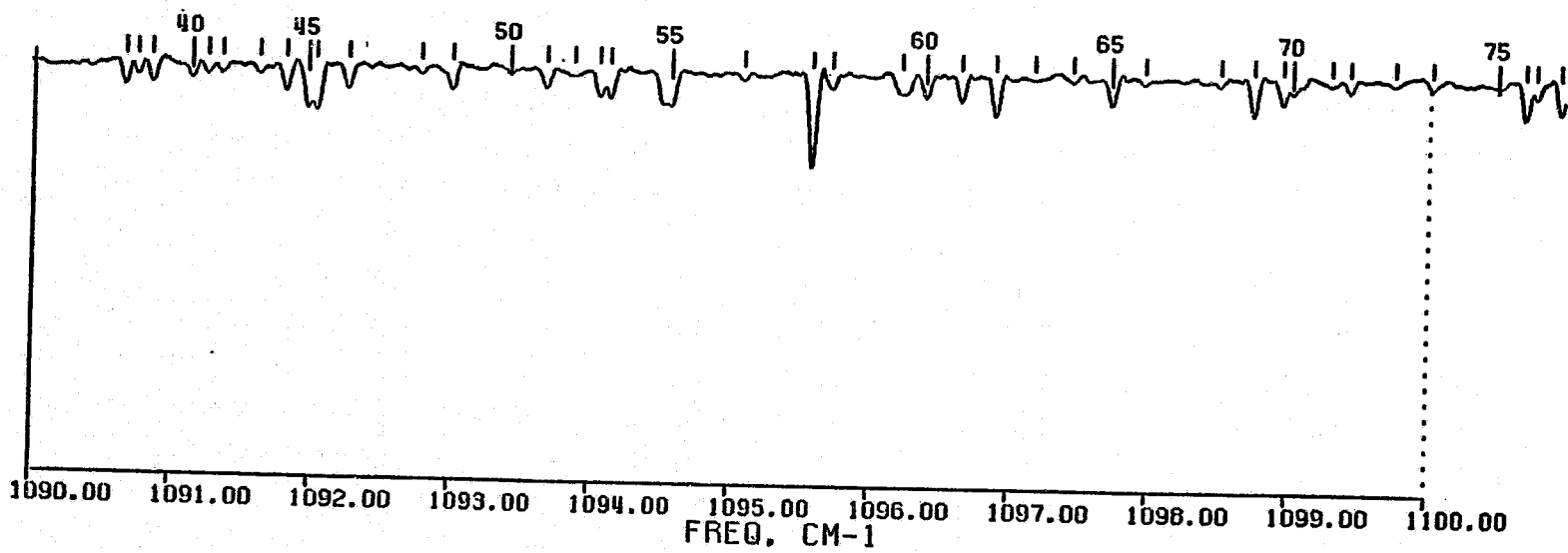
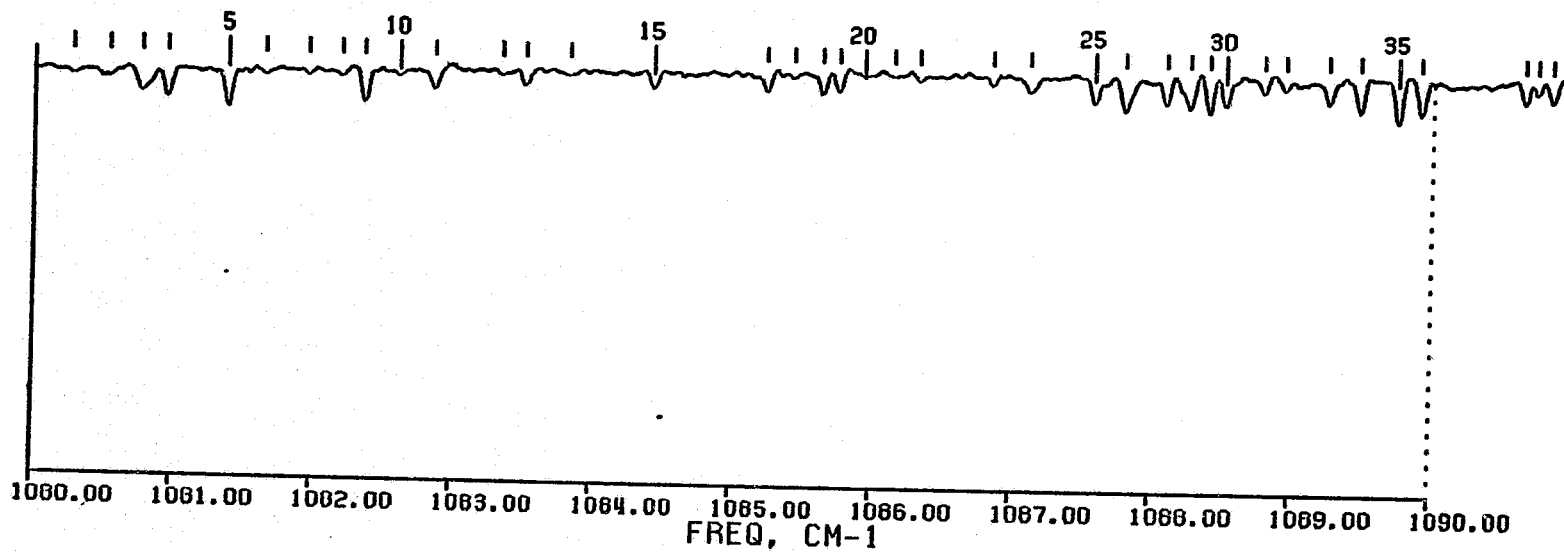
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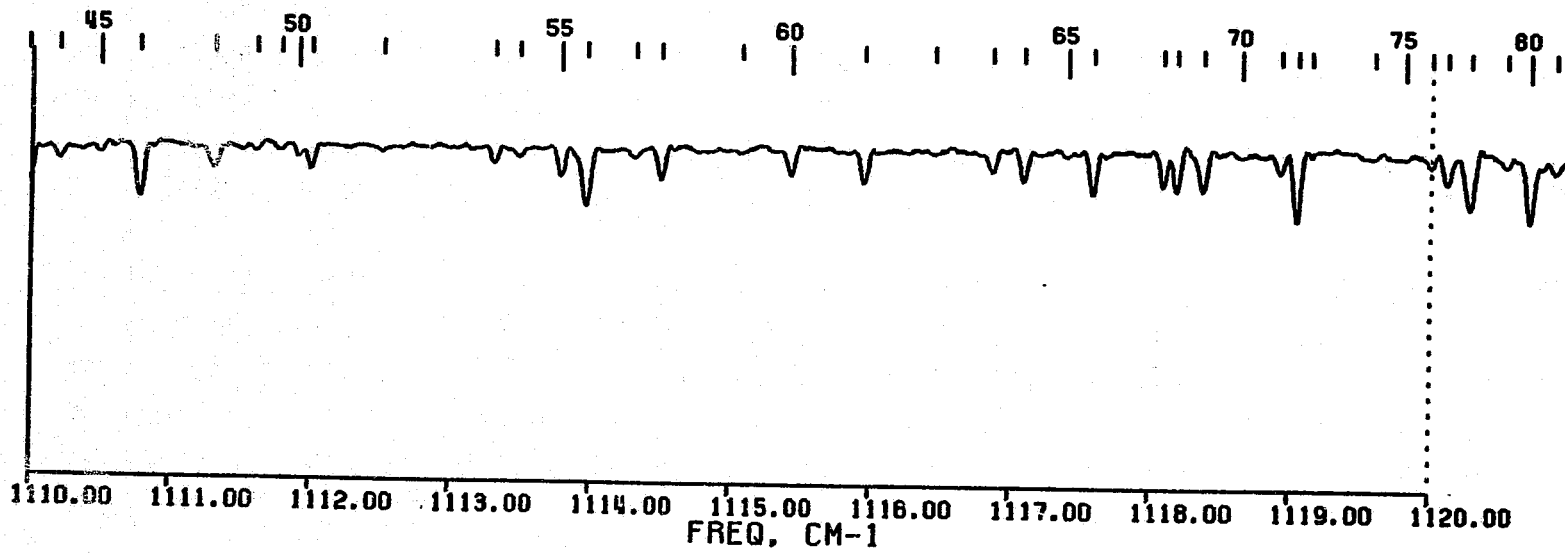
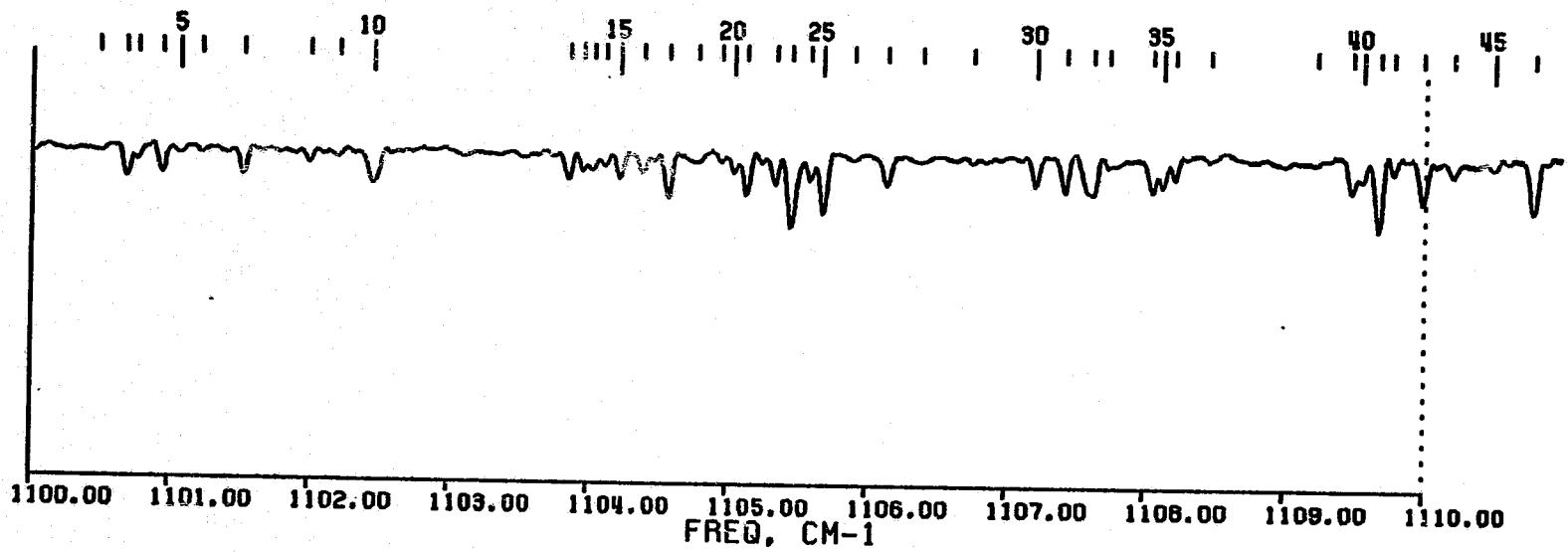
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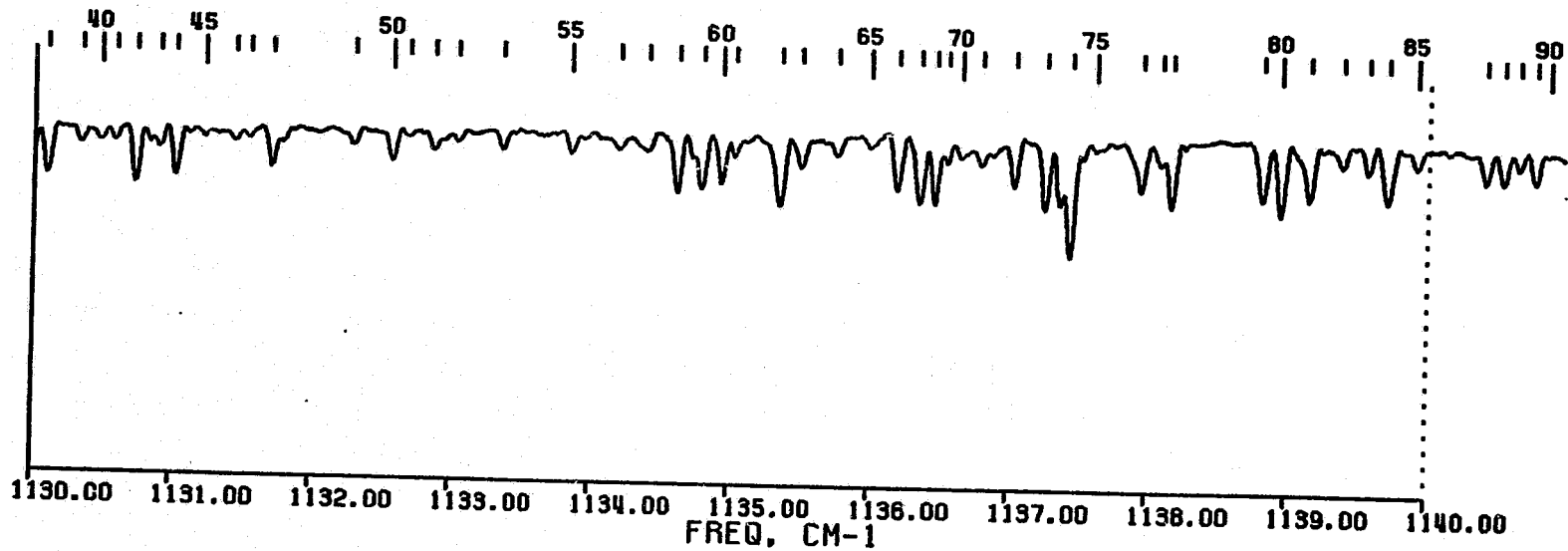
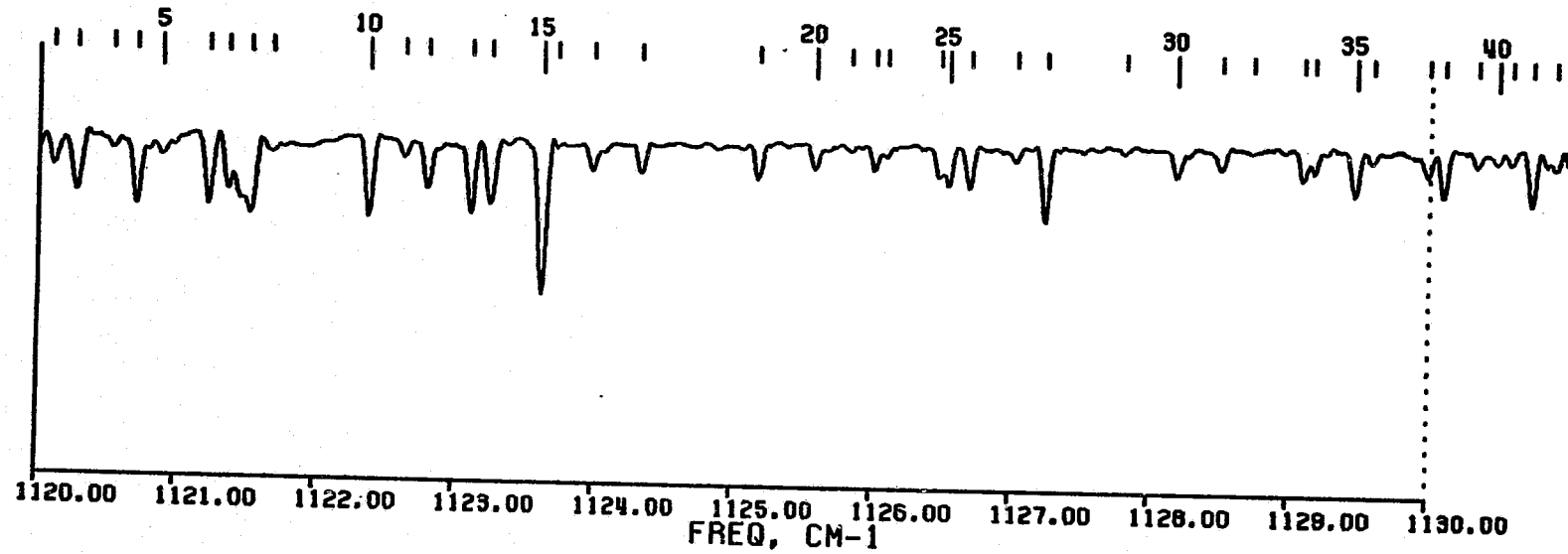
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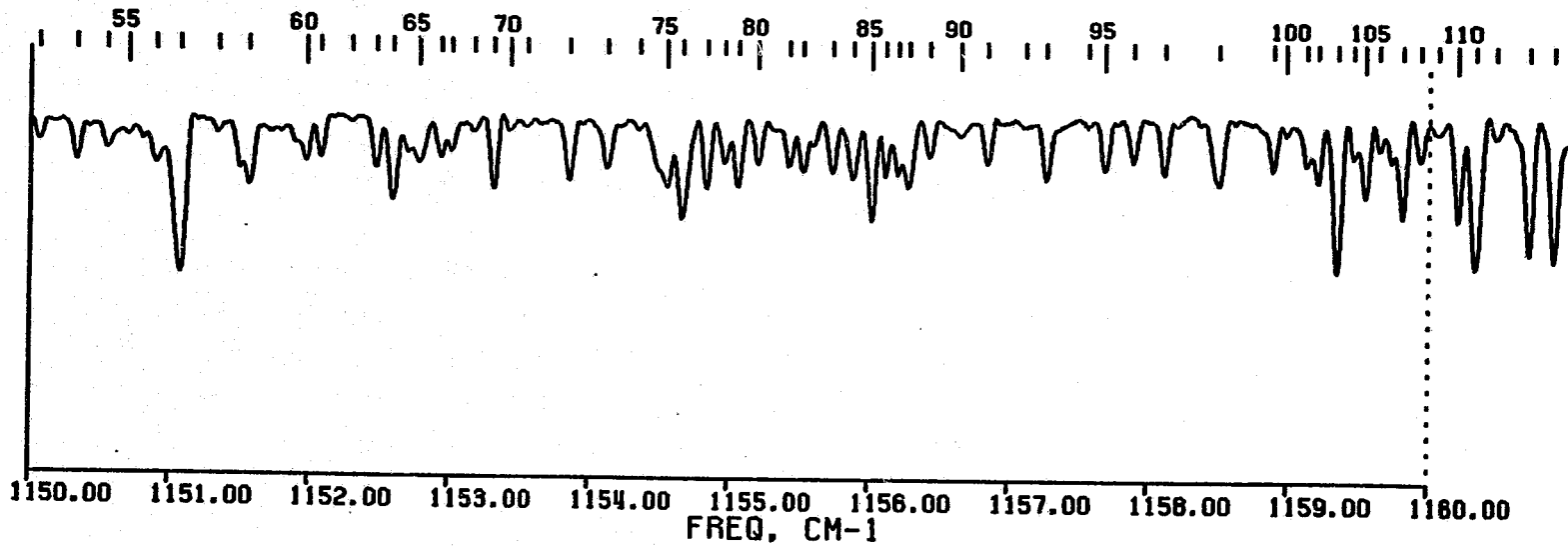
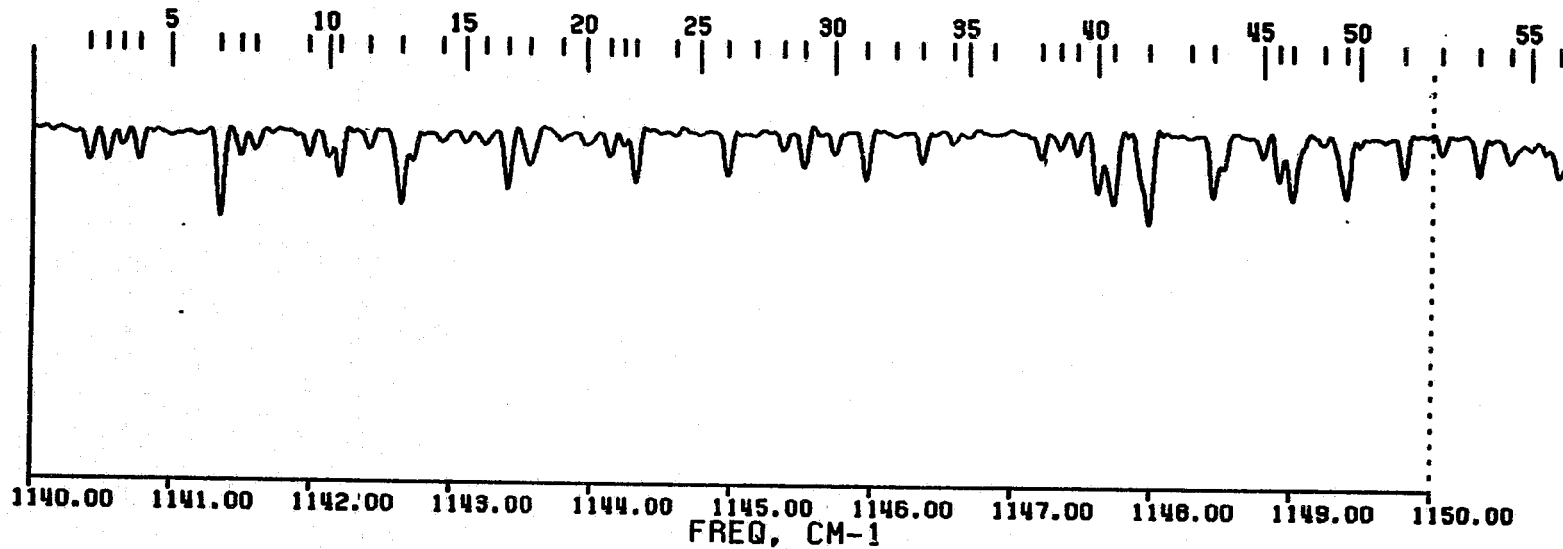
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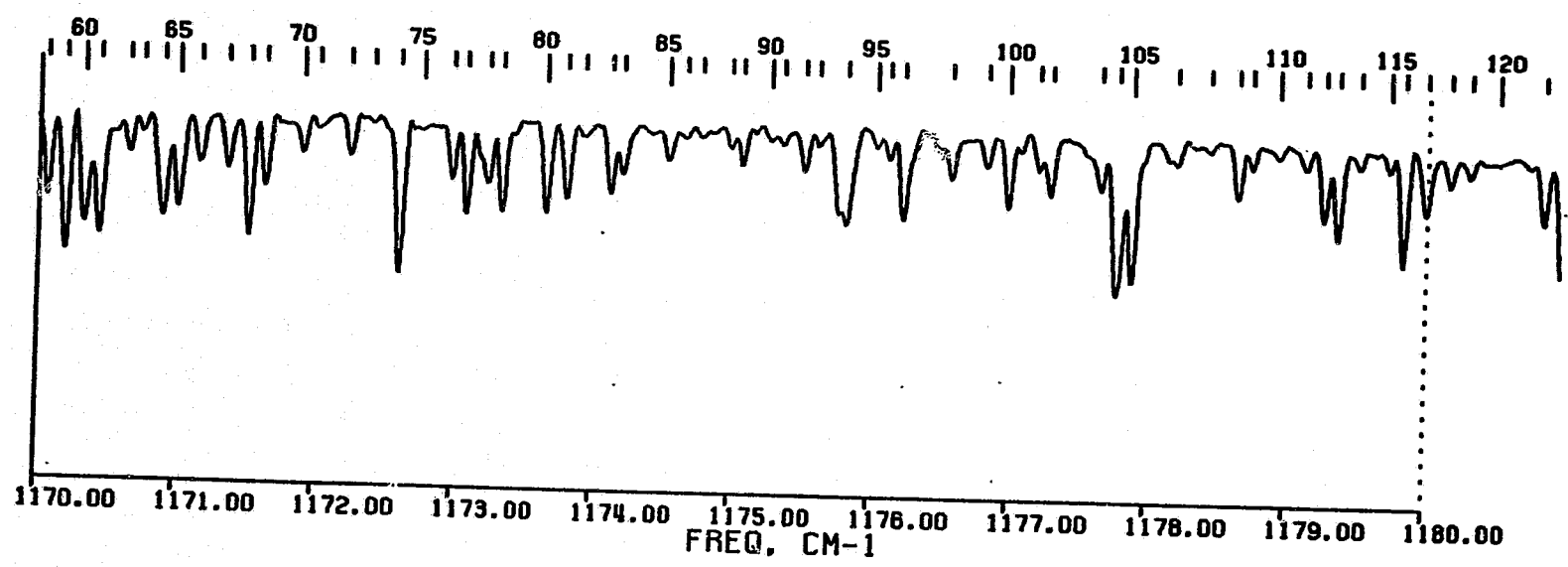
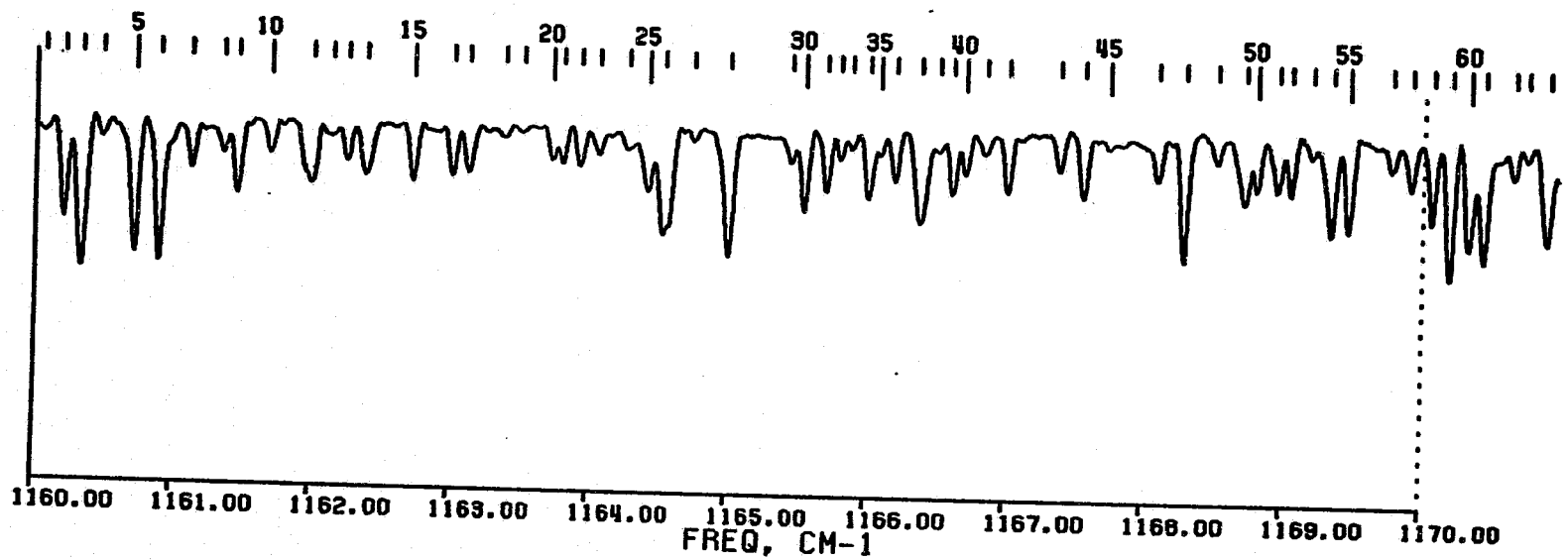
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10	42.116	42.191	42.406	42.634	42.930	43.095	43.238	43.396	43.553	43.782
20	43.957	44.126	44.225	44.310	44.592	44.768	44.967	45.166	45.365	45.513
30	45.732	45.954	46.166	46.354	46.578	46.687	46.861	47.204	47.340	47.460
40	47.607	47.718	47.970	48.269	48.430	48.787	48.903	48.998	49.221	49.383
50	49.480	49.795	50.065	50.330	50.552	50.701	50.899	51.074	51.344	51.567
60	51.976	52.077	52.301	52.473	52.592	52.782	52.939	53.011	53.175	53.316
70	53.430	53.551	53.854	54.125	54.355	54.557	54.664	54.839	54.966	55.061
80	55.206	55.428	55.529	55.737	55.882	56.017	56.113	56.203	56.279	56.431
90	56.653	56.843	57.113	57.265	57.562	57.684	57.887	58.107	58.496	58.883
100	58.977	59.128	59.208	59.349	59.463	59.545	59.645	59.811	59.935	60.063
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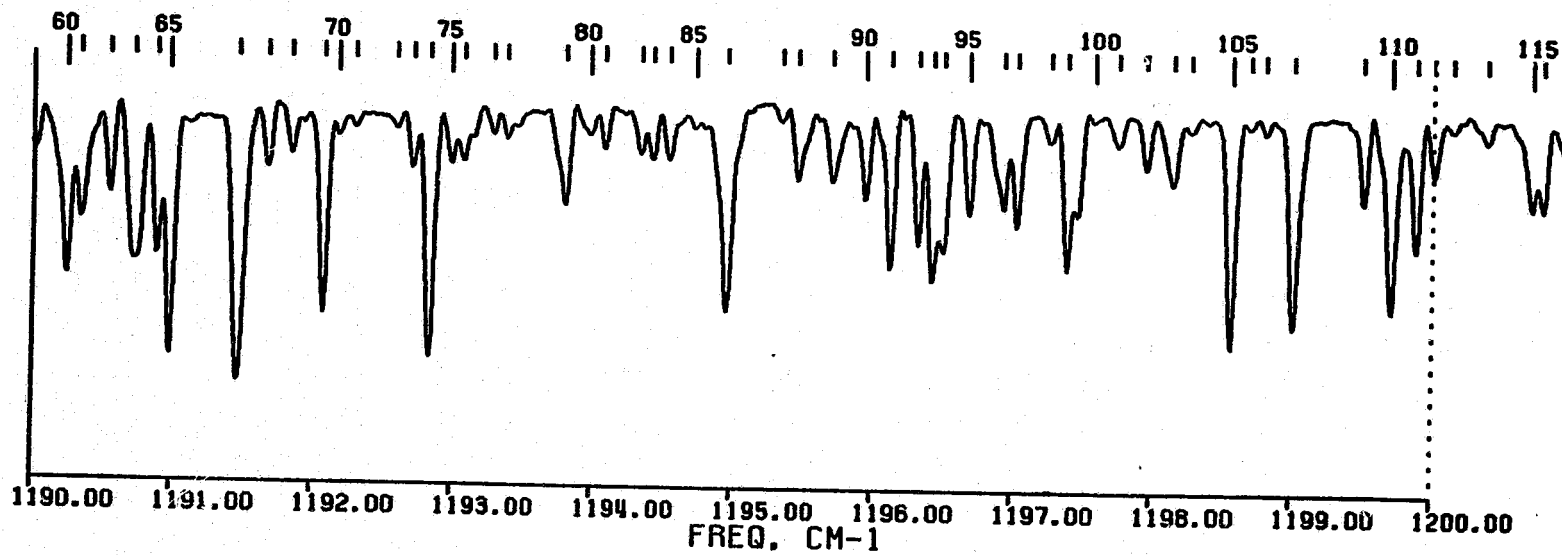
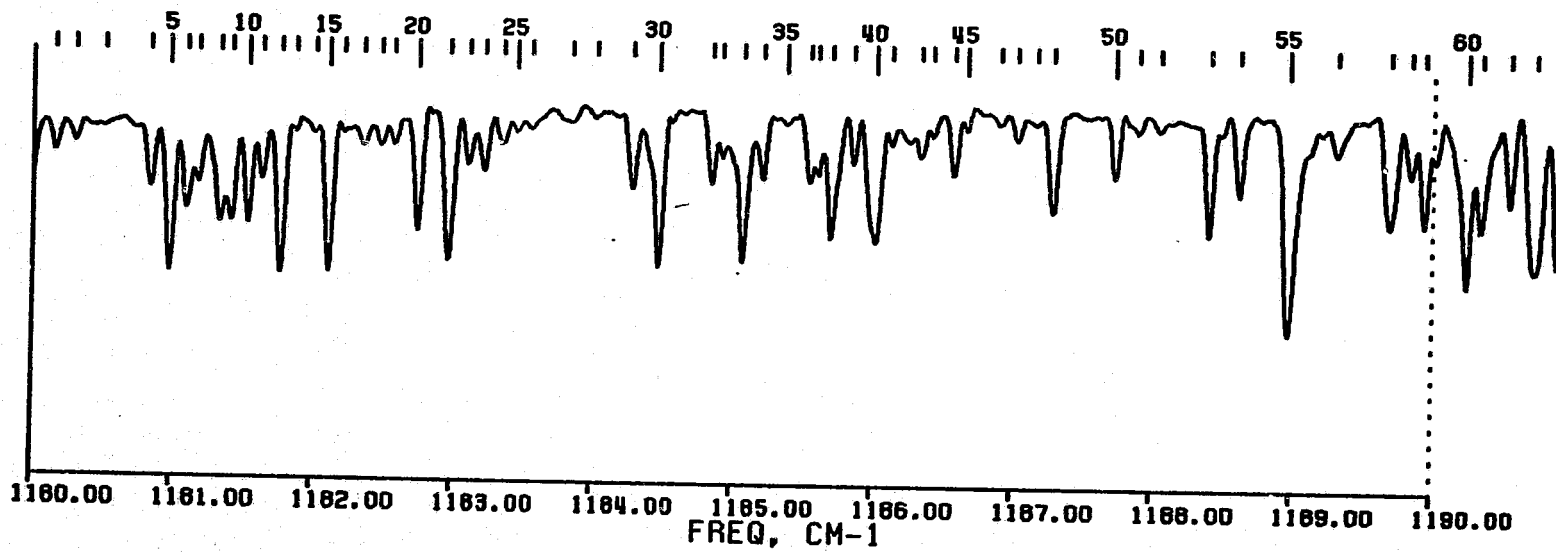


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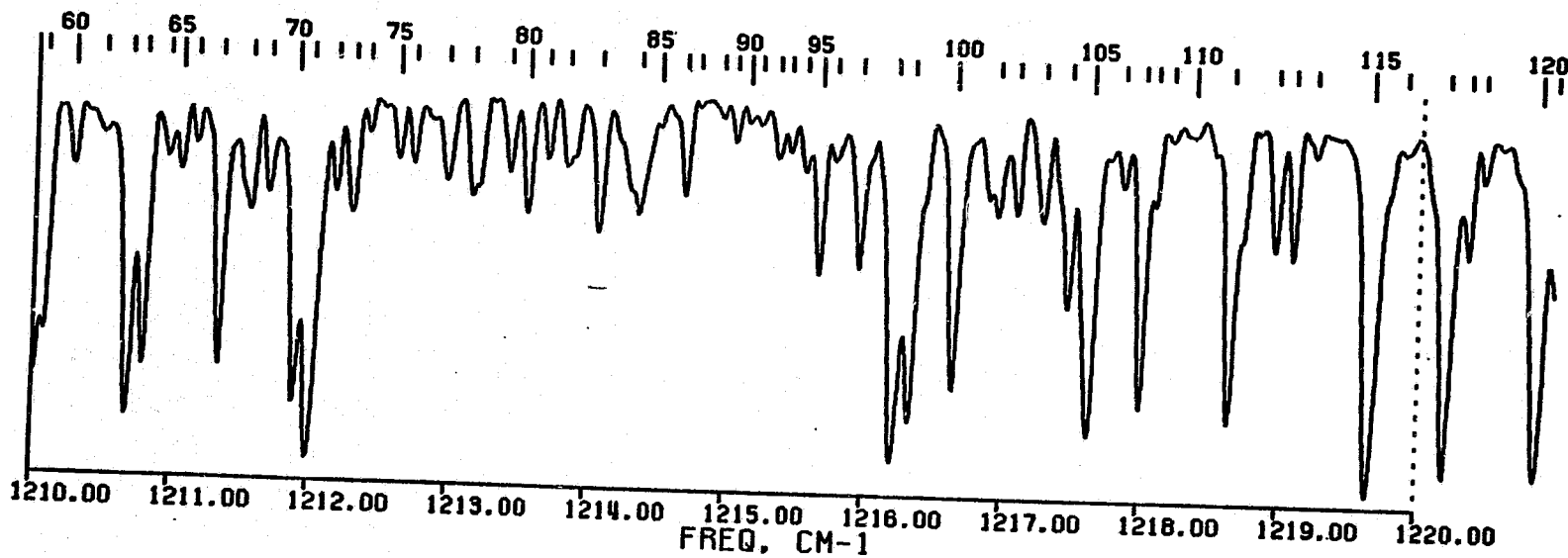
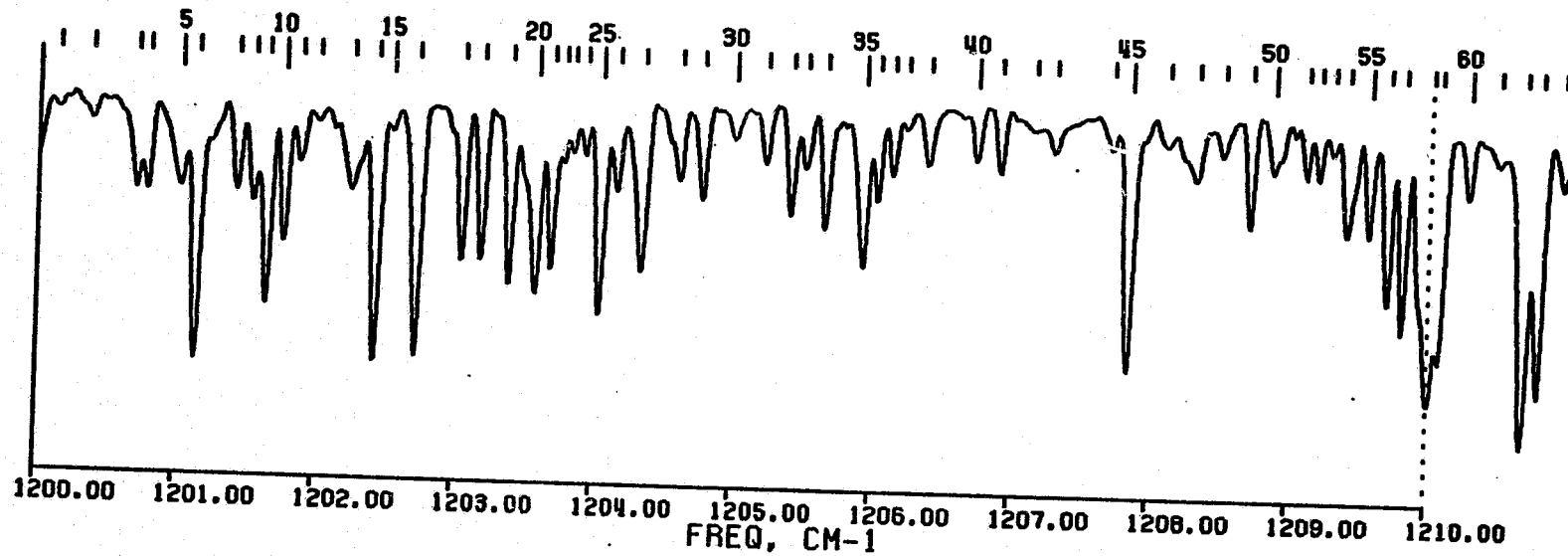
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20	82.748	82.969	83.109	83.224	83.355	83.457	83.559	83.847	84.020	84.282
30	84.472	84.848	84.920	85.071	85.212	85.379	85.549	85.606	85.701	85.857
40	86.019	86.127	86.339	86.424	86.576	86.665	86.905	87.027	87.167	87.285
50	87.725	87.891	88.045	88.401	88.616	88.970	89.313	89.693	89.840	89.937
60	90.243	90.342	90.548	90.727	90.884	90.979	91.465	91.675	91.845	92.076
70	92.182	92.300	92.596	92.710	92.834	92.987	93.074	93.289	93.387	93.803
80	93.978	94.083	94.342	94.427	94.545	94.732	94.959	95.349	95.465	95.711
90	95.946	96.126	96.324	96.428	96.503	96.688	96.933	97.029	97.267	97.389
100	97.581	97.752	97.952	98.141	98.273	98.561	98.697	98.805	99.007	99.505
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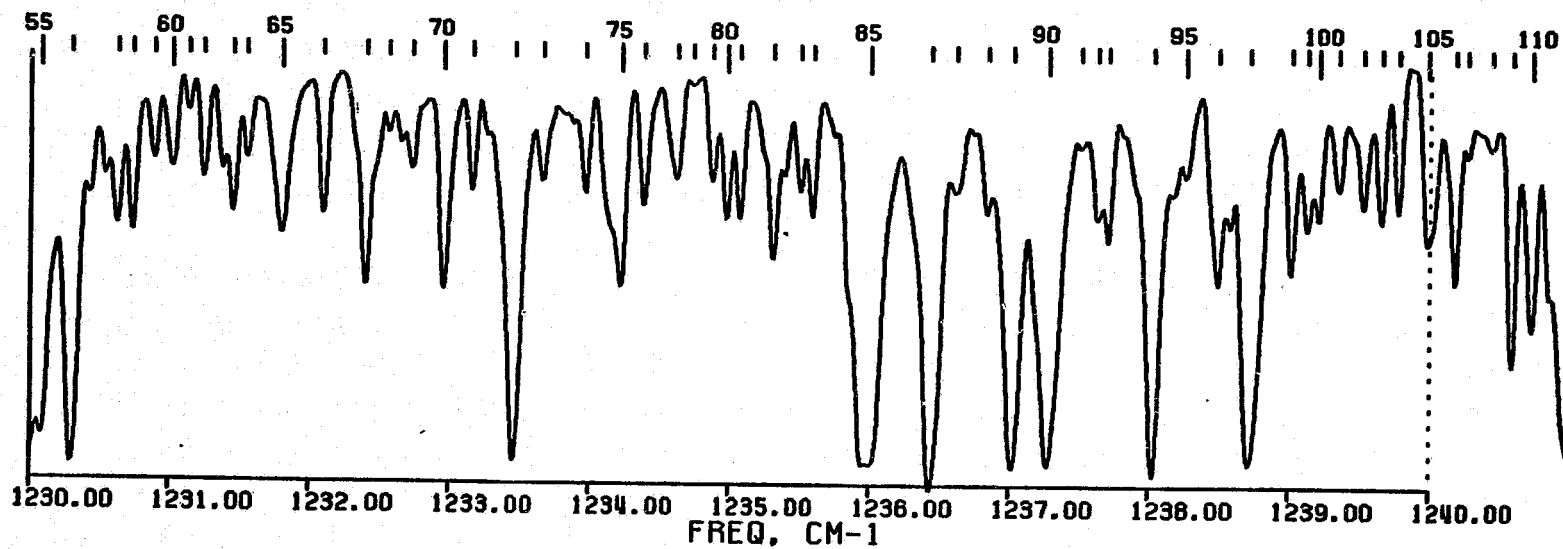
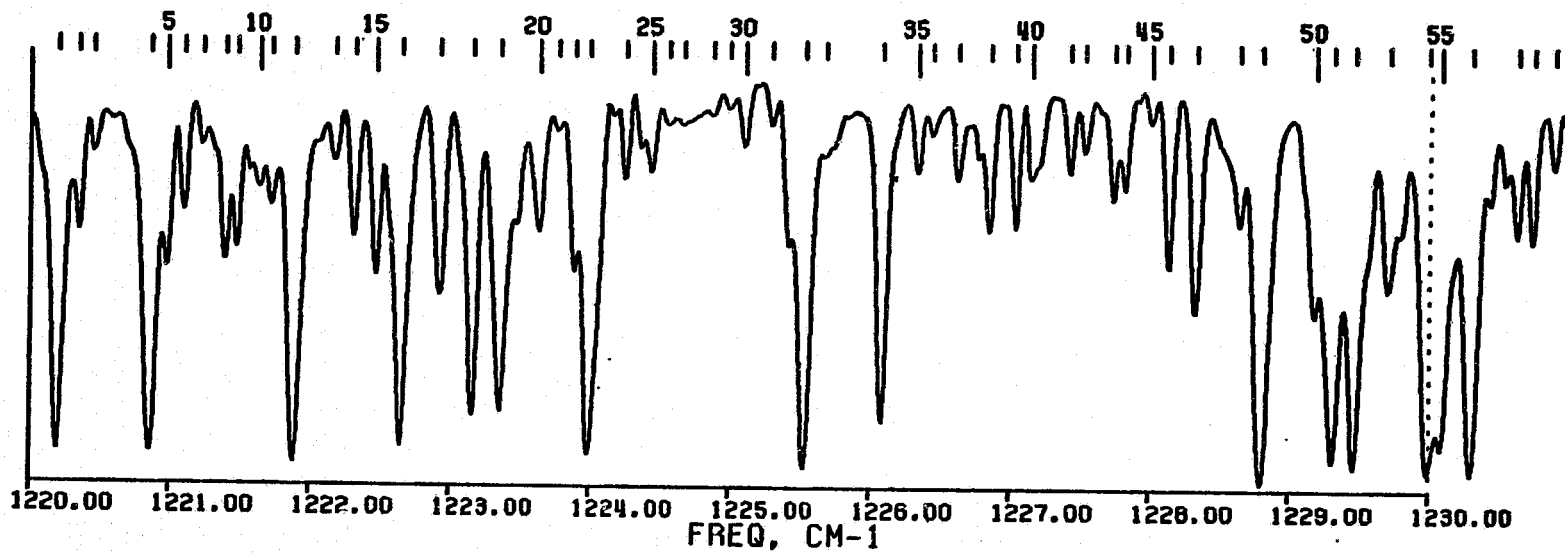
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10	1.763	1.877	2.003	2.248	2.425	2.537	2.721	3.048	3.186	3.331
20	3.583	3.690	3.774	3.839	3.928	4.041	4.159	4.341	4.608	4.775
30	5.000	5.224	5.407	5.510	5.655	5.933	6.031	6.135	6.230	6.391
40	6.737	6.908	7.149	7.298	7.711	7.841	8.111	8.317	8.505	8.706
50	8.871	9.107	9.198	9.296	9.407	9.562	9.702	9.809	10.003	10.072
60	10.276	10.492	10.679	10.790	10.952	11.045	11.155	11.336	11.551	11.680
70	11.885	11.994	12.164	12.289	12.399	12.613	12.723	12.966	13.153	13.419
80	13.551	13.695	13.838	14.068	14.356	14.502	14.689	14.783	14.953	15.048
90	15.147	15.229	15.359	15.445	15.557	15.663	15.772	15.953	16.212	16.331
100	16.640	16.948	17.089	17.276	17.463	17.627	17.853	17.995	18.085	18.202
110	18.359	18.634	18.956	19.085	19.238	19.648	19.887	20.196	20.349	20.454
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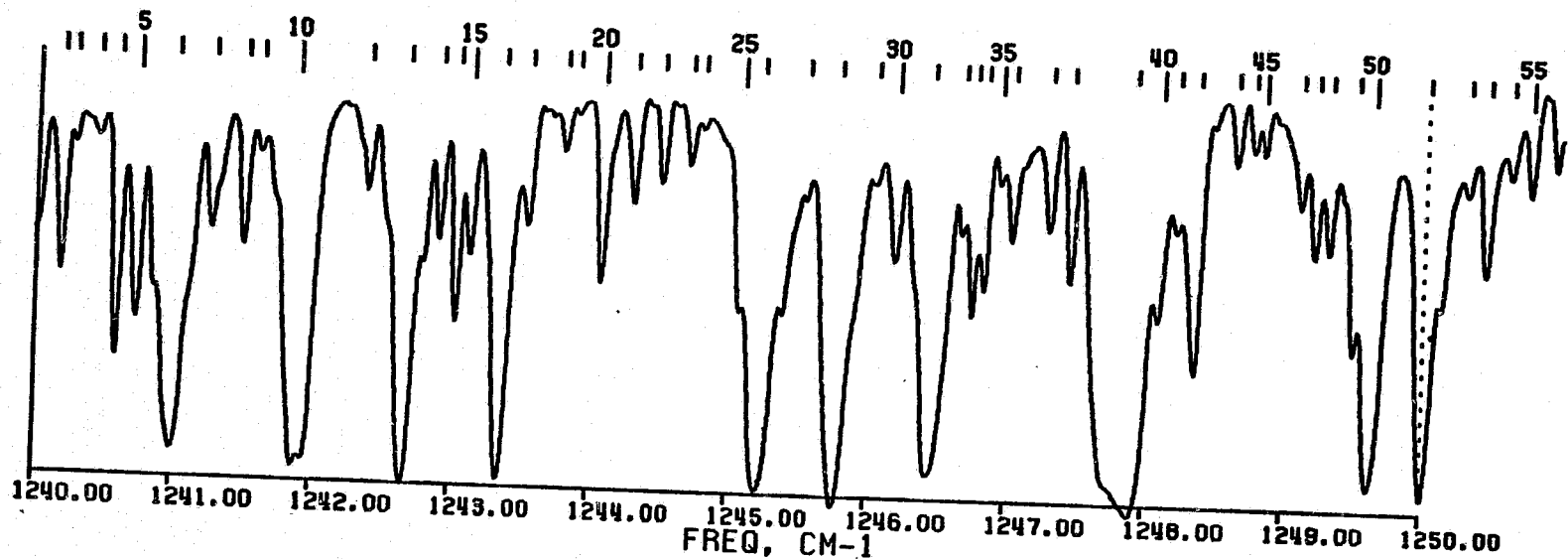


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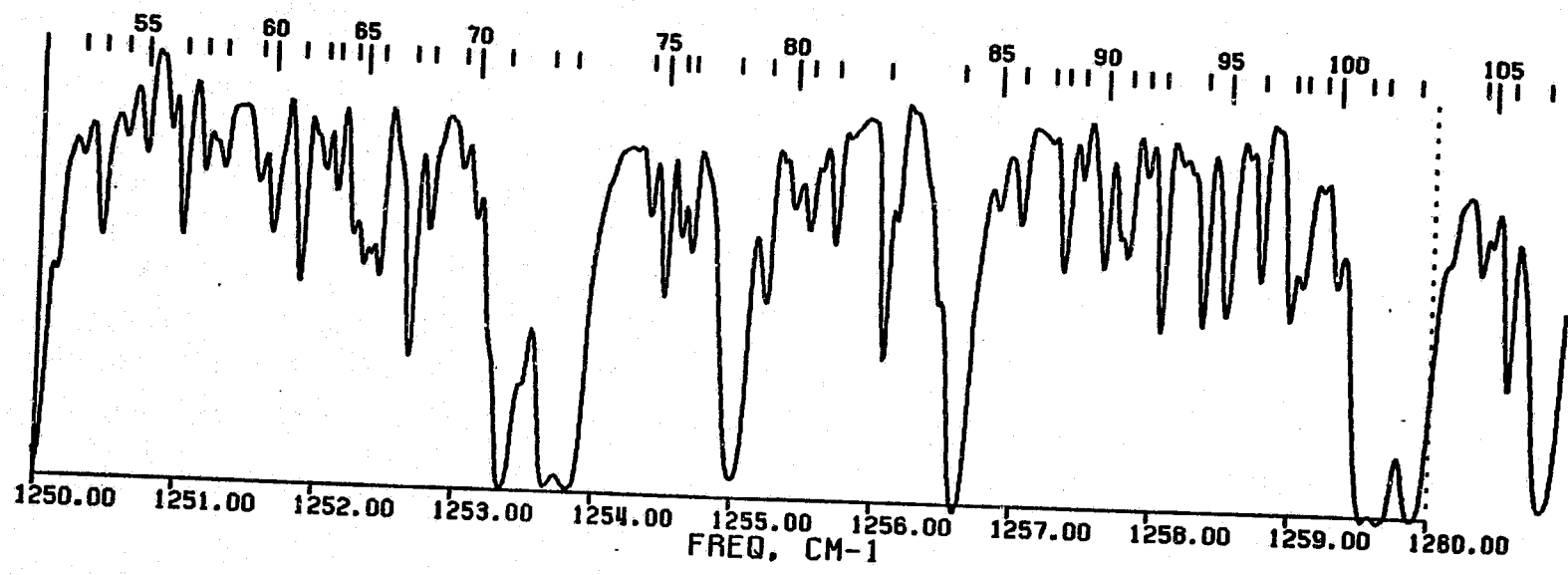


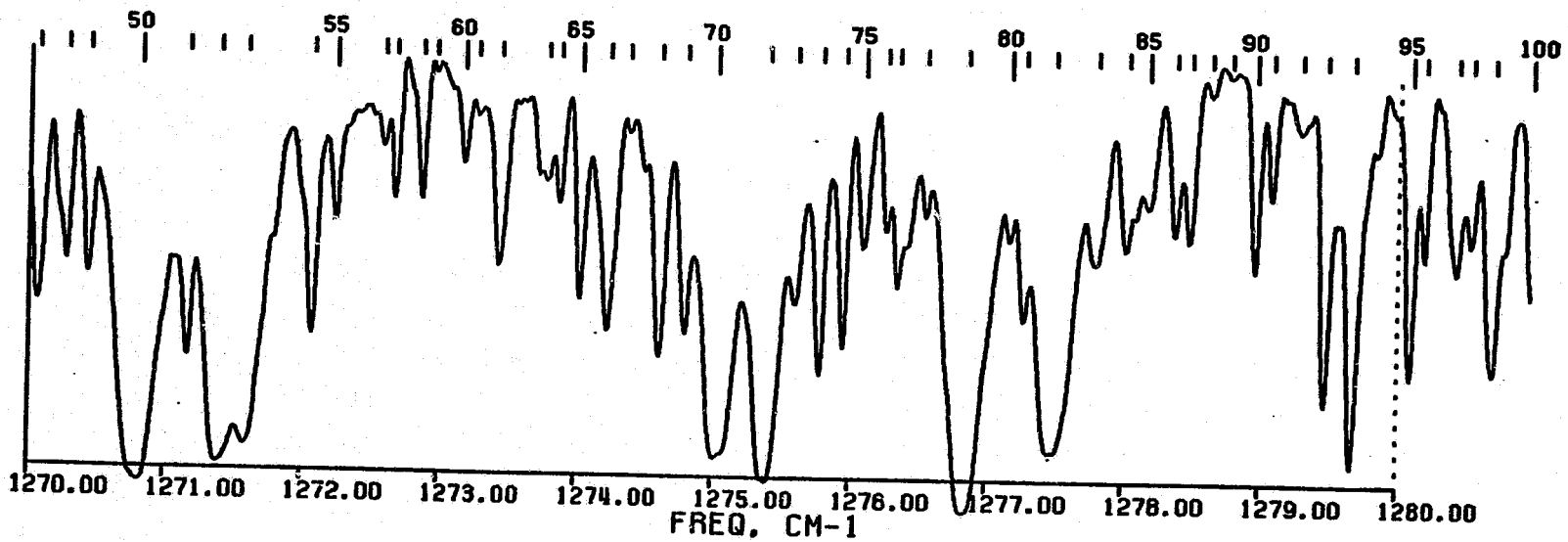
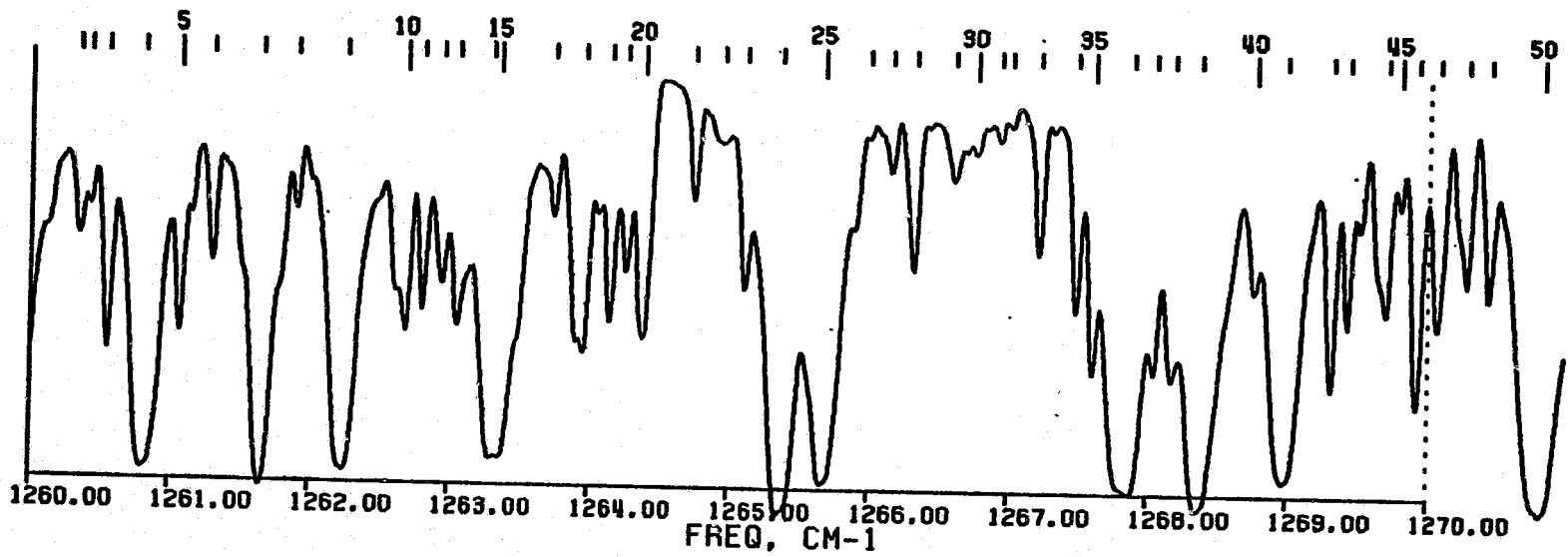
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20	44.074	44.300	44.499	44.699	44.789	45.076	45.218	45.538	45.771	46.037
30	46.188	46.444	46.665	46.748	46.831	46.934	47.024	47.292	47.446	47.902
40	48.085	48.210	48.352	48.627	48.751	48.828	49.097	49.206	49.309	49.496
50	49.622	50.007	50.300	50.442	50.608	50.751	51.023	51.175	51.315	51.569
60	51.669	51.874	52.041	52.124	52.249	52.327	52.440	52.667	52.795	53.025
70	53.134	53.348	53.662	53.826	54.380	54.493	54.606	54.679	55.000	55.225
80	55.413	55.524	55.707	56.071	56.605	56.878	57.039	57.255	57.352	57.474
90	57.638	57.806	57.935	58.055	58.353	58.522	58.763	58.982	59.066	59.205
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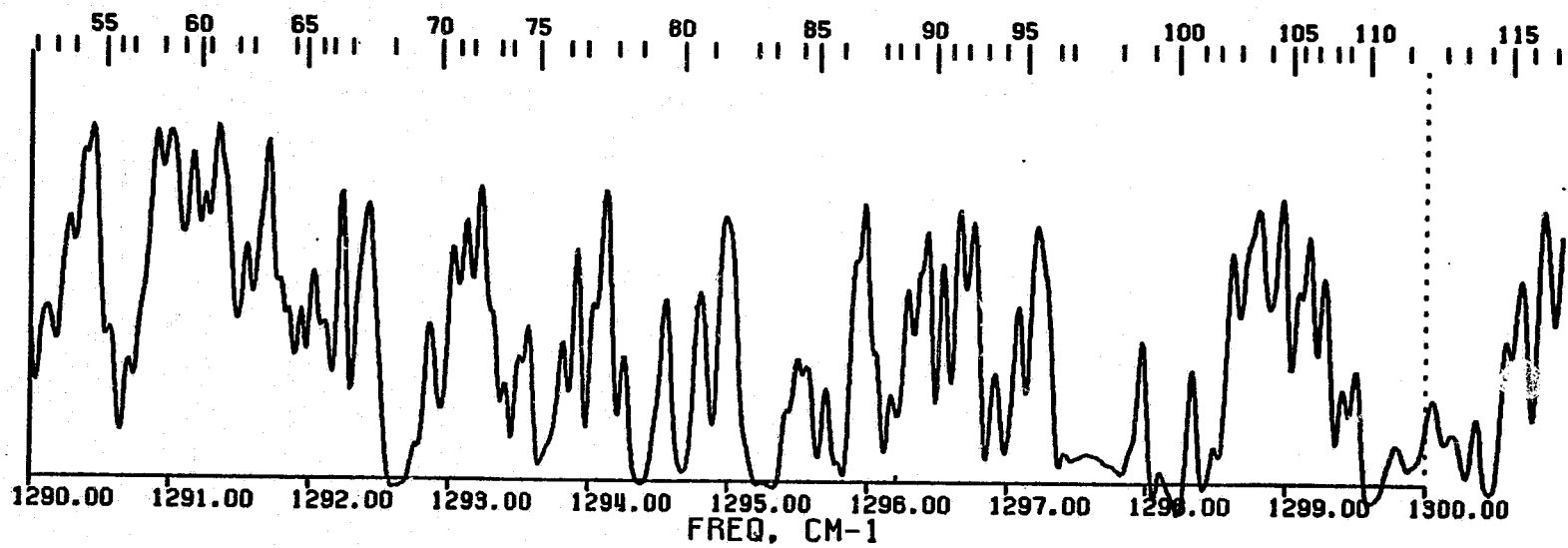
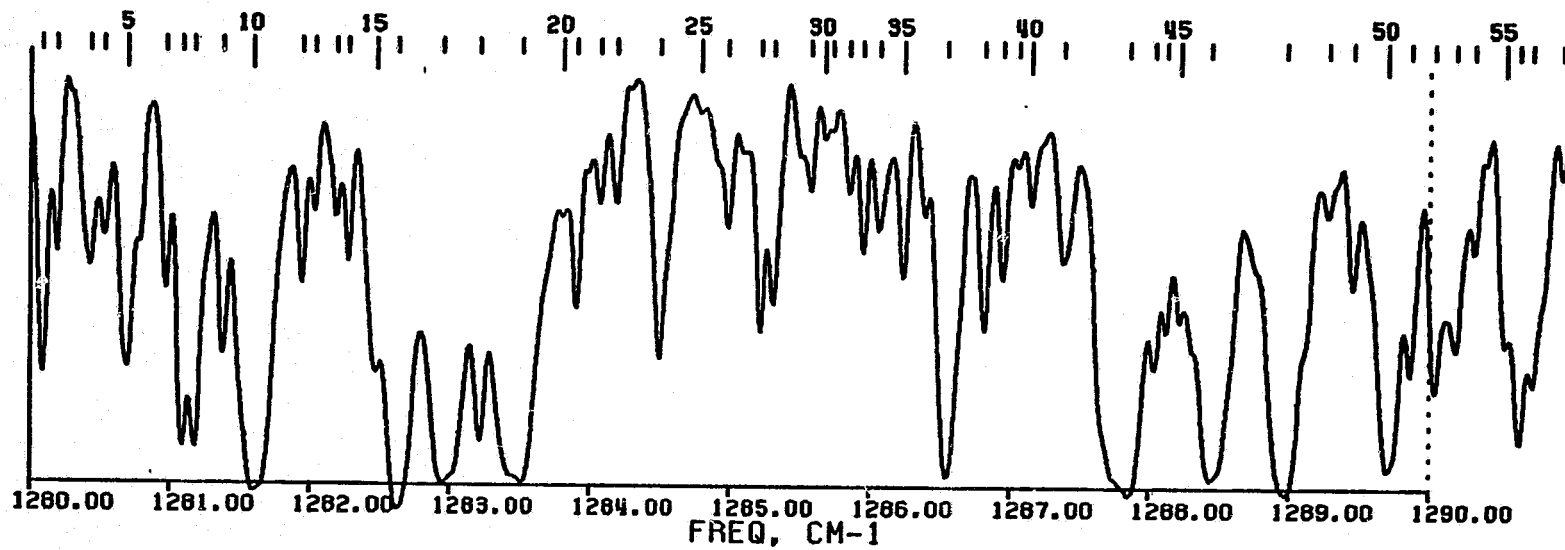
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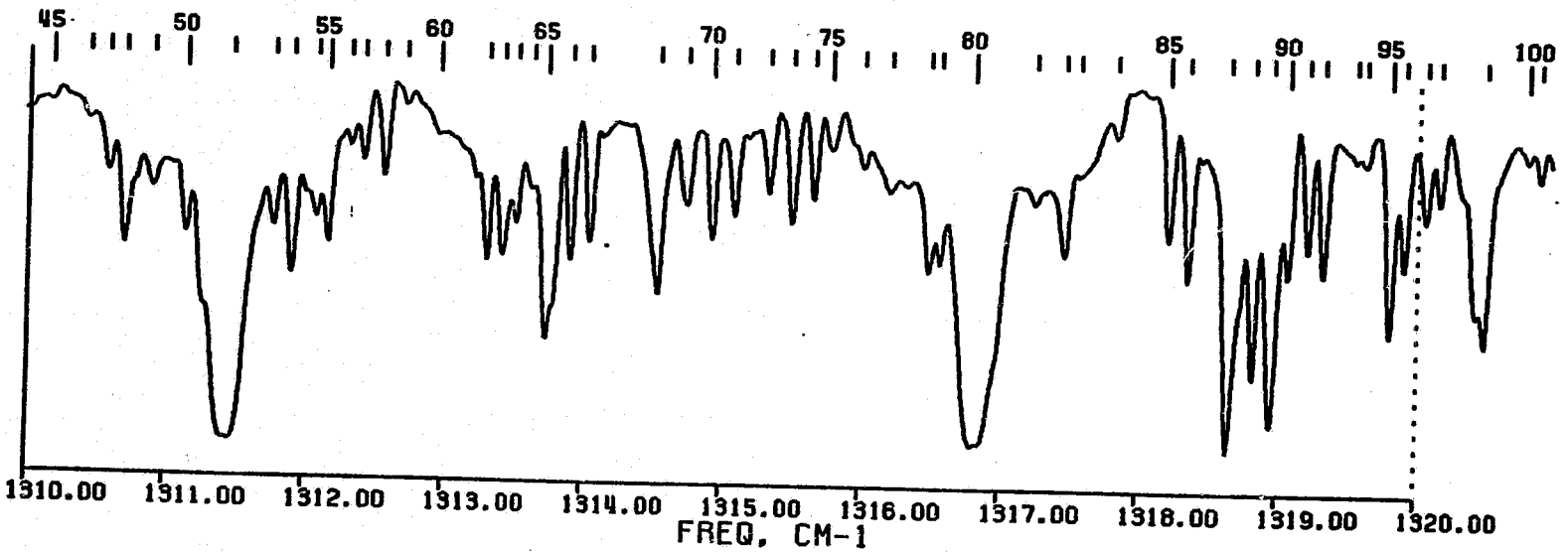
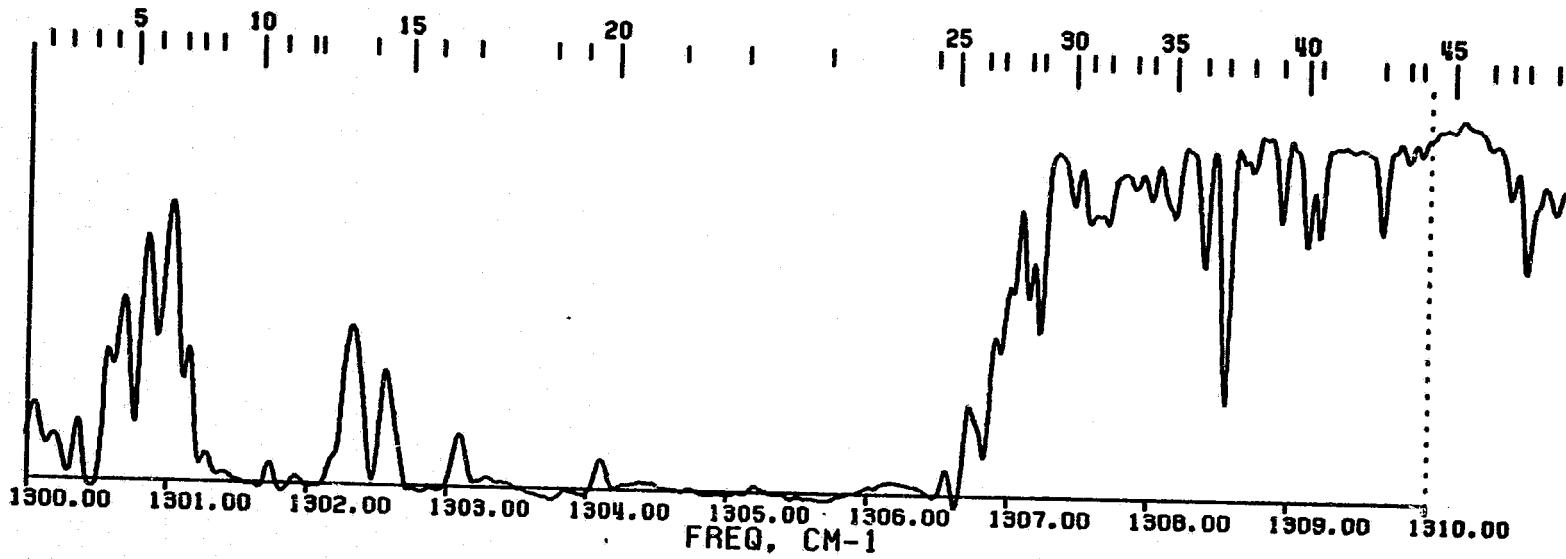
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30	85.683	85.734	85.858	85.955	86.069	86.244	86.554	86.821	86.952	87.064
40	87.158	87.389	87.856	88.036	88.120	88.218	88.441	88.978	89.277	89.453
50	89.699	89.863	90.037	90.187	90.321	90.543	90.644	90.737	90.952	91.102
60	91.220	91.283	91.487	91.595	91.896	91.977	92.087	92.163	92.299	92.597
70	92.943	93.078	93.177	93.372	93.451	93.650	93.865	93.984	94.210	94.382
80	94.684	94.893	95.213	95.334	95.539	95.649	95.829	96.125	96.217	96.339
90	96.494	96.602	96.713	96.854	96.989	97.140	97.378	97.467	97.823	98.053
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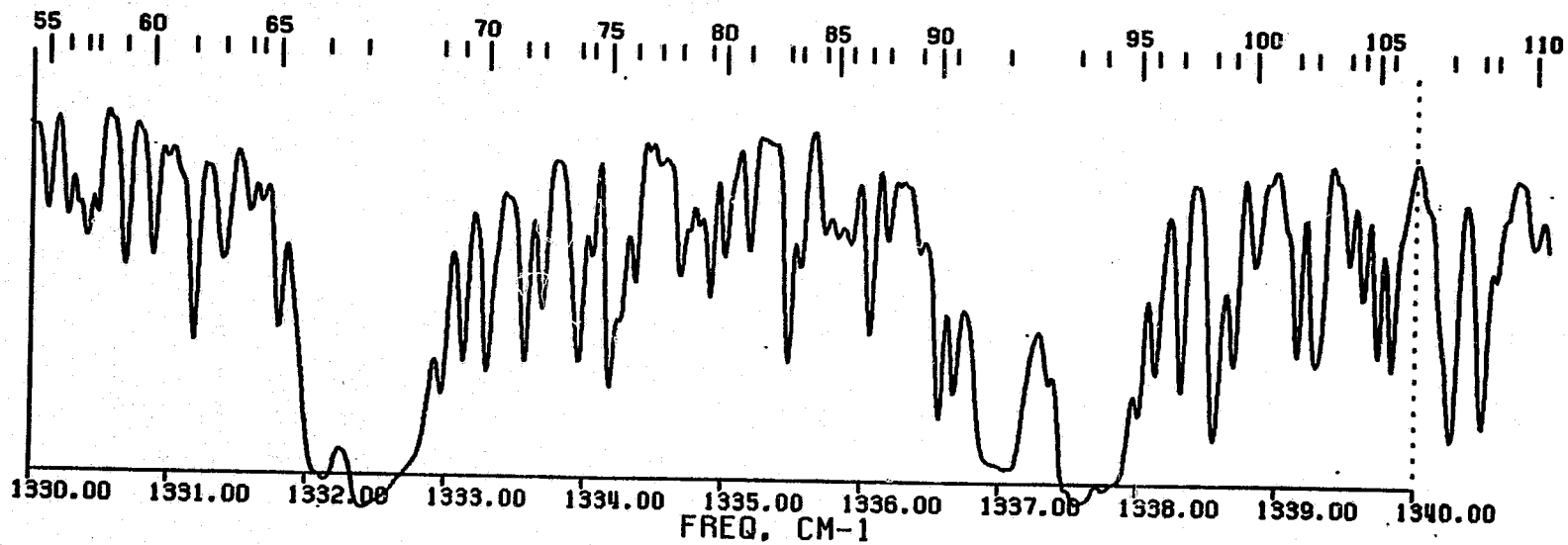
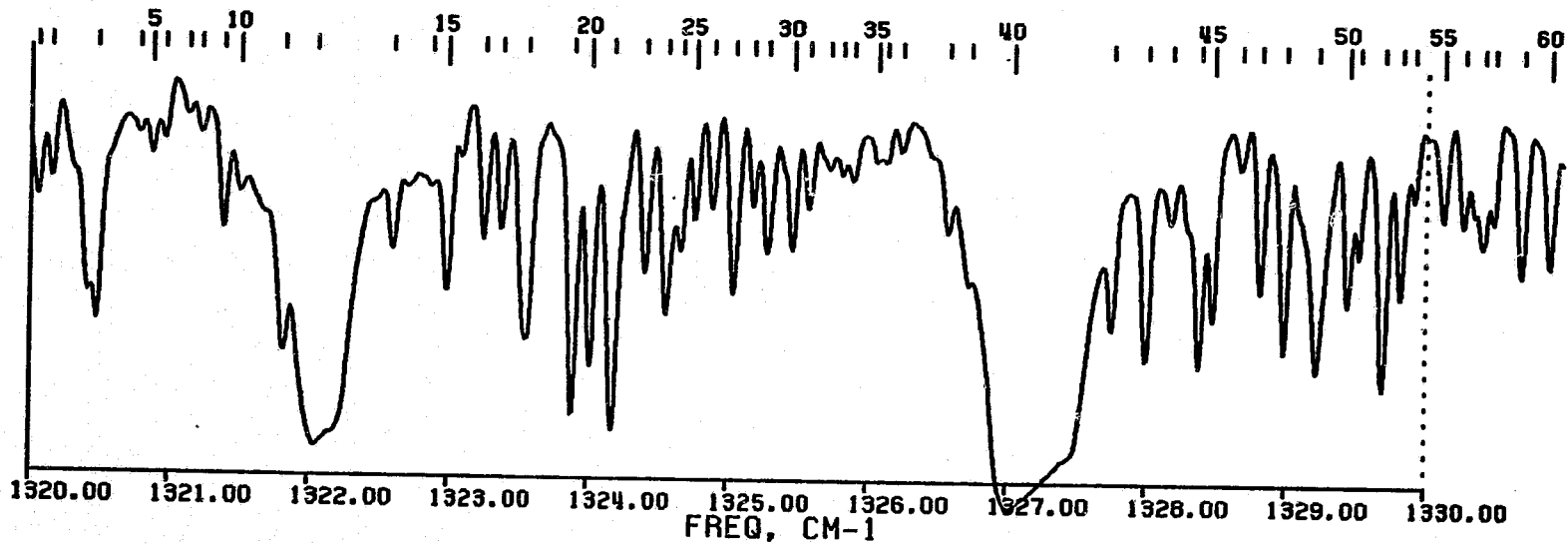


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30	7.457	7.576	7.700	7.895	8.008	8.177	8.393	8.547	8.941
40	9.125	9.214	9.661	9.845	9.937	10.168	10.438	10.577	10.897
50	11.137	11.464	11.767	11.898	12.072	12.160	12.316	12.409	12.715
60	12.956	13.306	13.418	13.515	13.627	13.735	13.907	14.045	14.742
70	14.925	15.085	15.330	15.501	15.654	15.780	16.010	16.203	16.564
80	16.808	17.249	17.462	17.566	17.830	18.207	18.348	18.643	18.949
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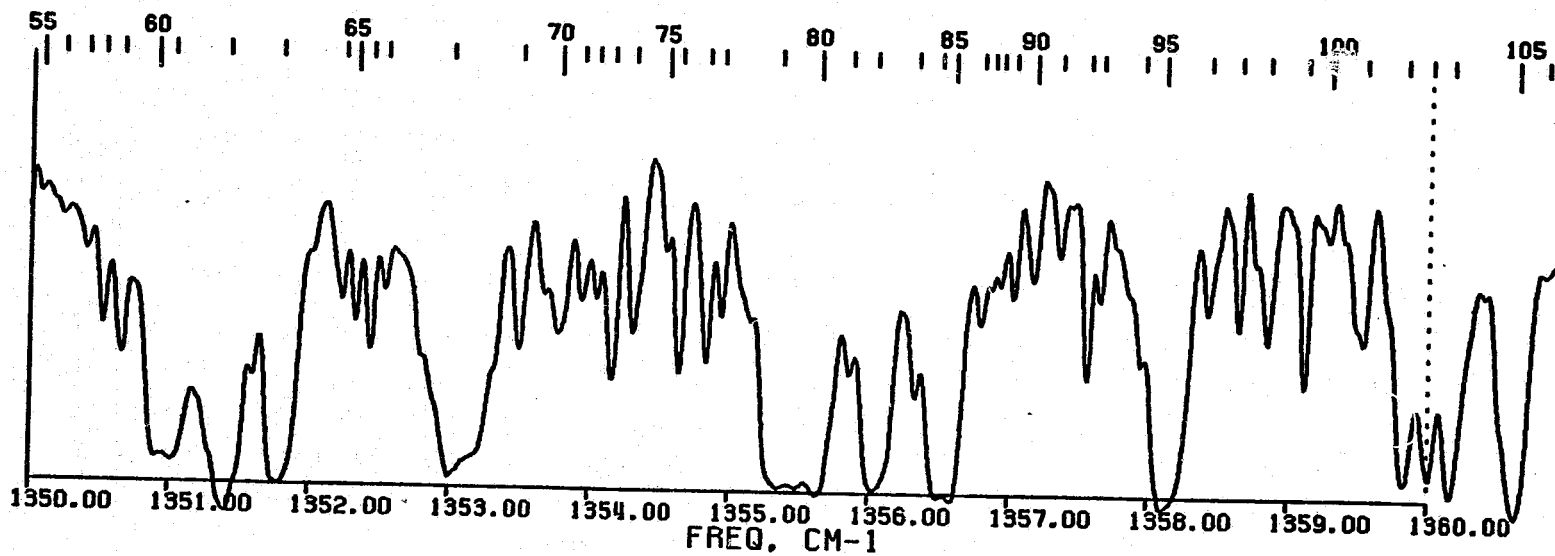
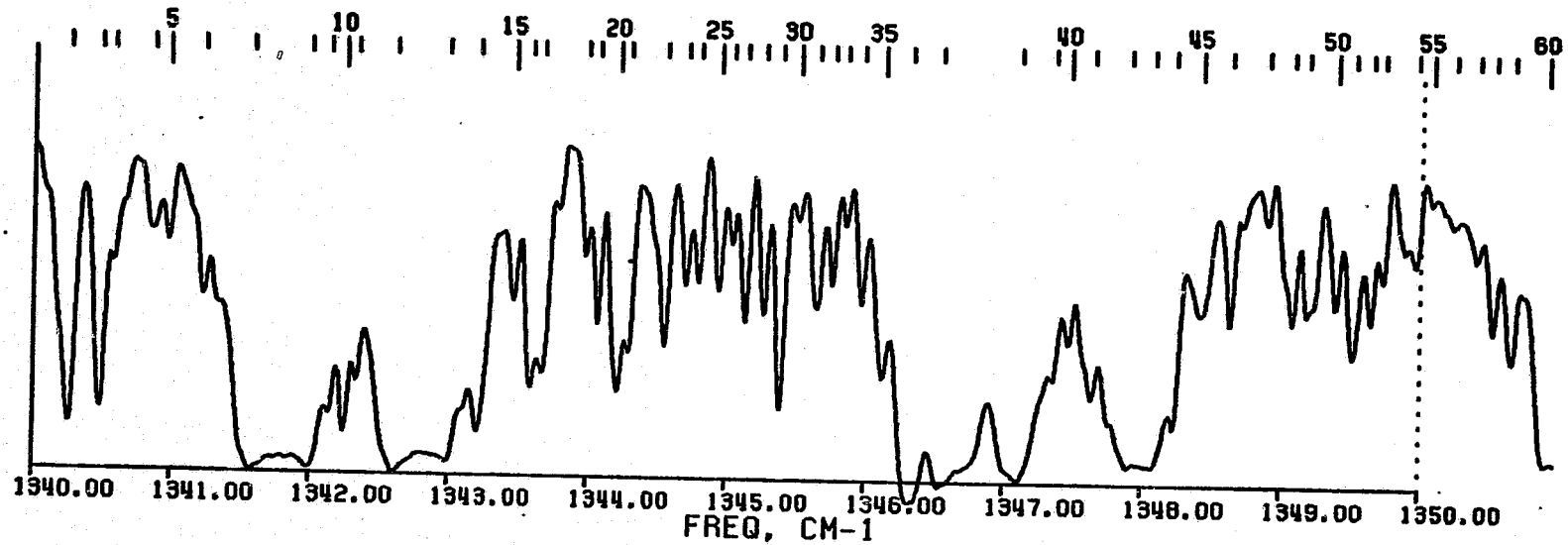


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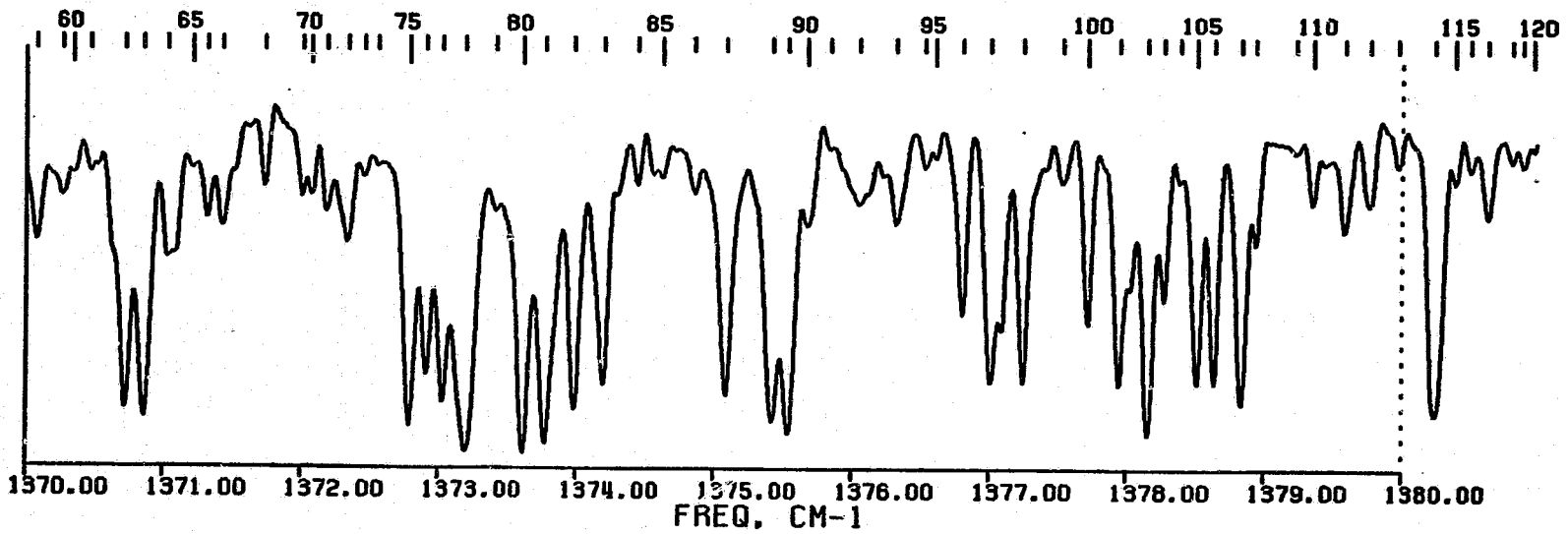
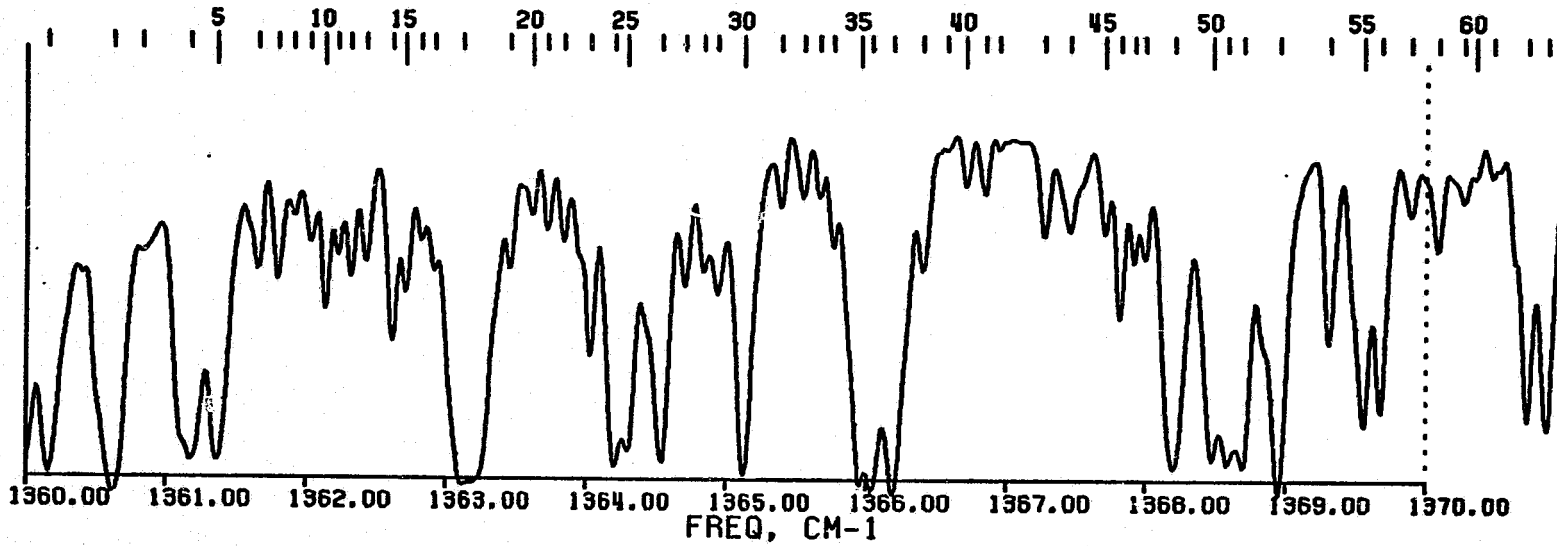


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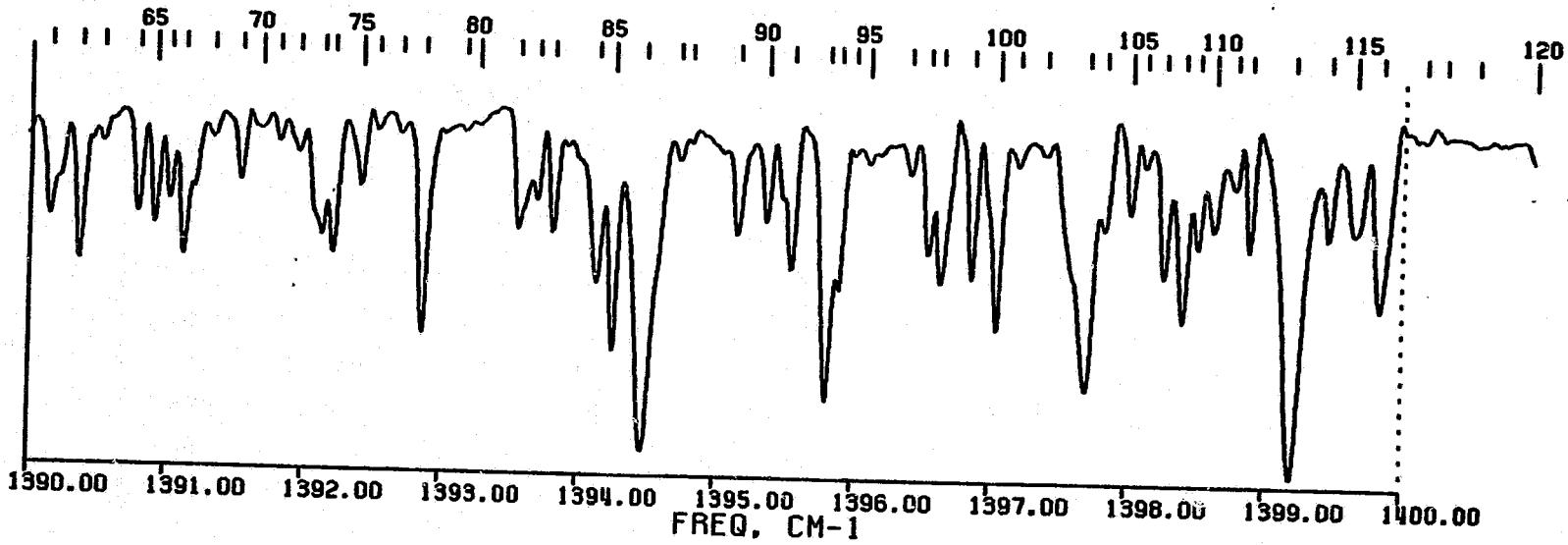
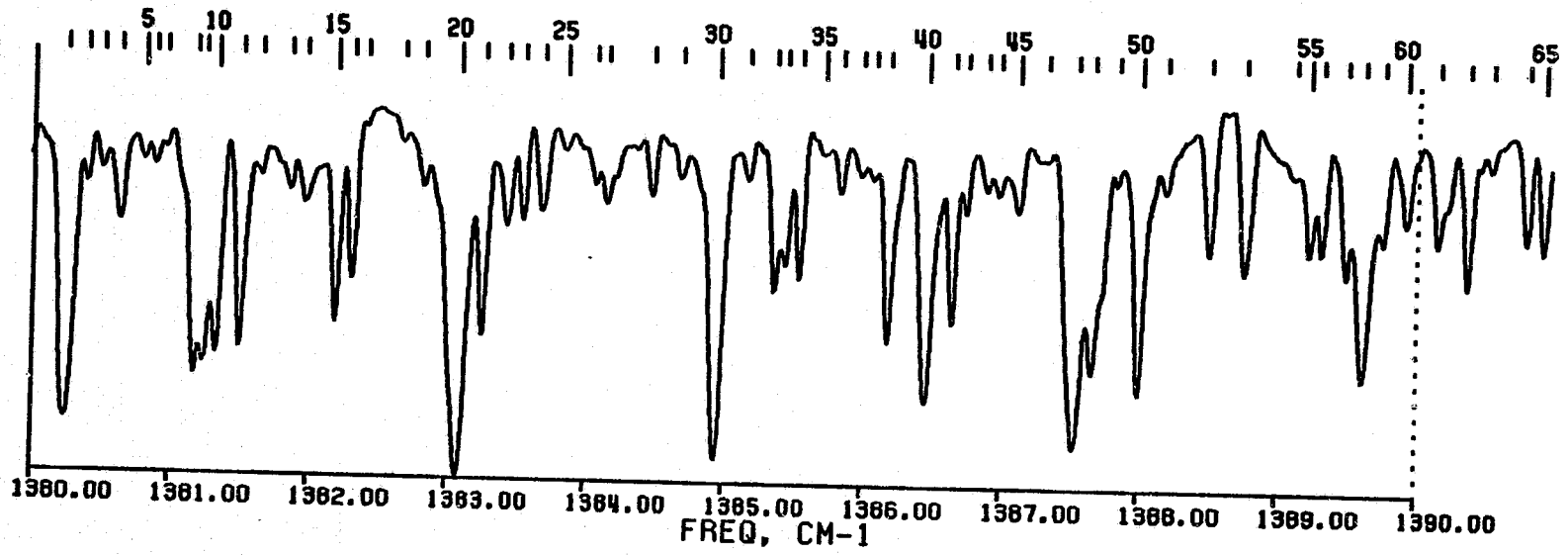
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10	42.242	42.330	42.605	42.987	43.207	43.467	43.590	43.674	43.984	44.073
20	44.217	44.295	44.555	44.706	44.797	44.944	45.038	45.134	45.270	45.387
30	45.516	45.651	45.761	45.856	45.973	46.125	46.326	46.541	47.111	47.353
40	47.466	47.633	47.902	48.070	48.225	48.419	48.628	48.894	49.077	49.183
50	49.390	49.514	49.644	49.728	49.965	50.079	50.237	50.403	50.523	50.658
60	50.902	51.019	51.407	51.788	52.234	52.329	52.435	52.539	53.005	53.500
70	53.782	53.947	54.051	54.163	54.312	54.553	54.645	54.837	54.947	55.355
80	55.637	55.862	56.040	56.334	56.502	56.595	56.800	56.877	56.939	57.034
90	57.177	57.362	57.561	57.652	57.947	58.104	58.423	58.643	58.846	59.114
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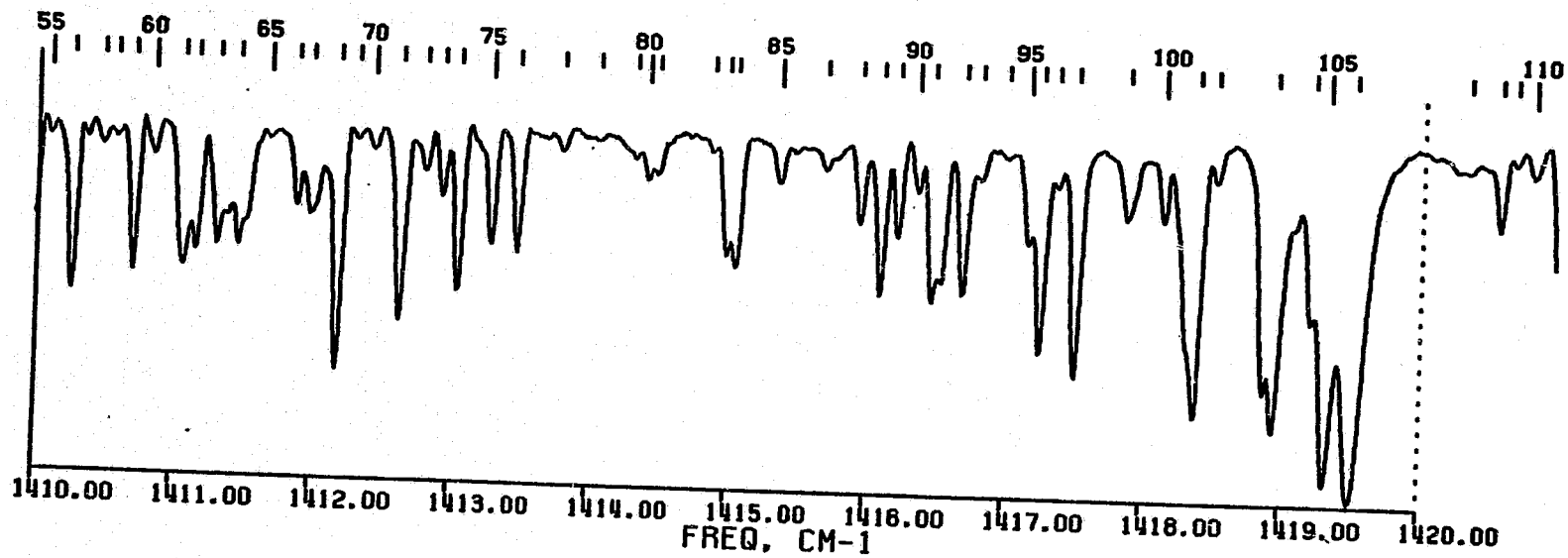
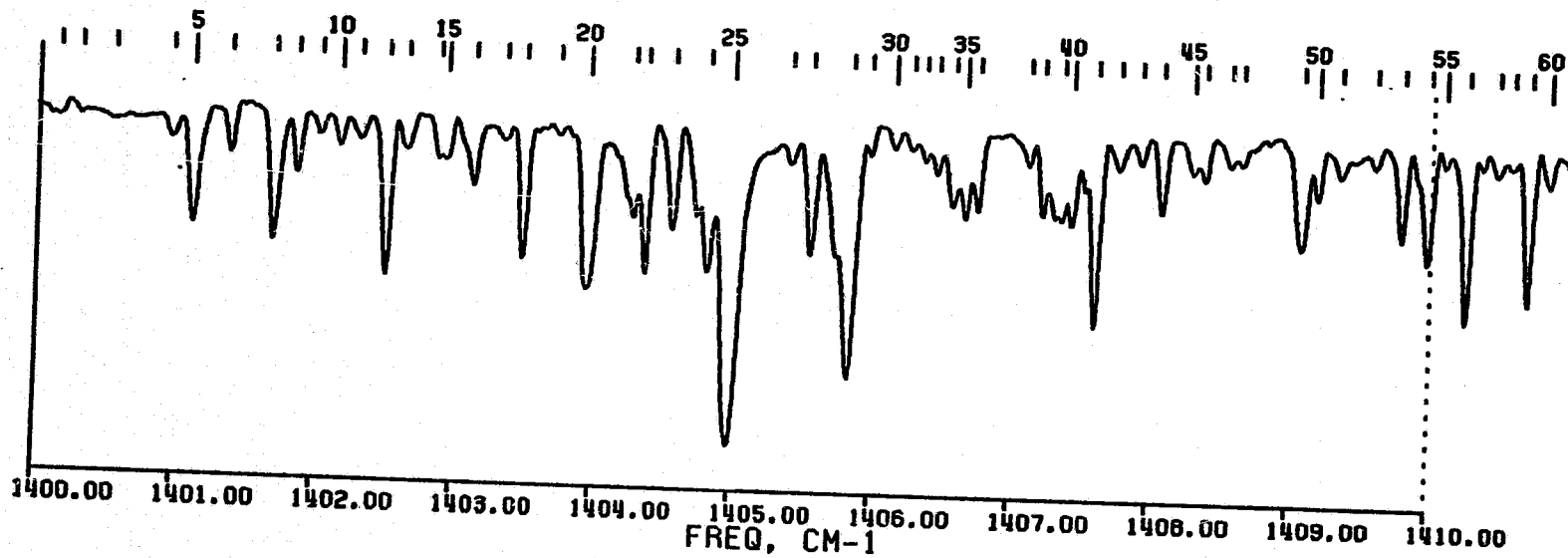
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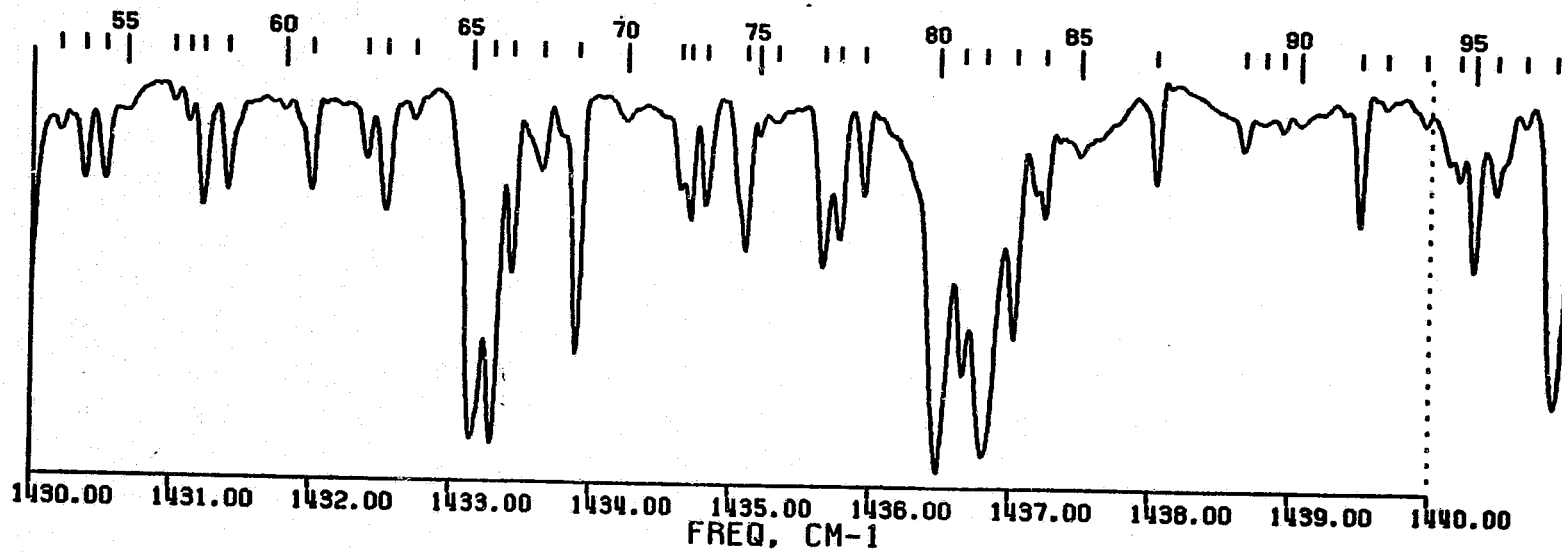
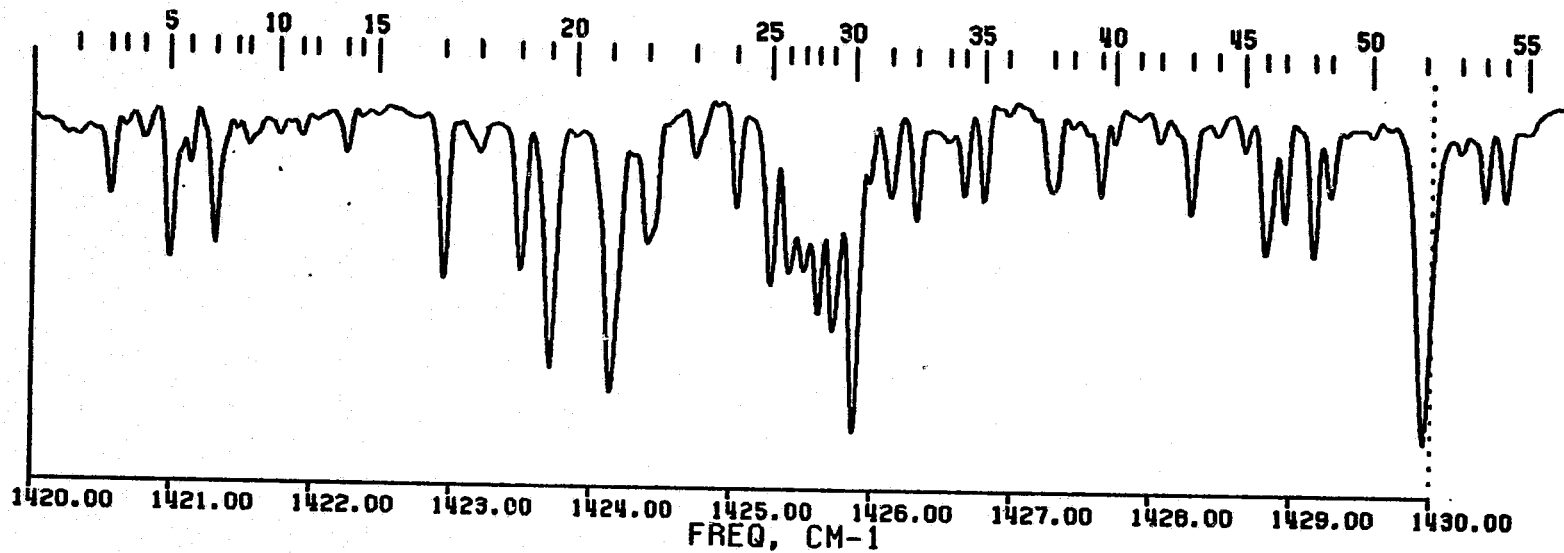


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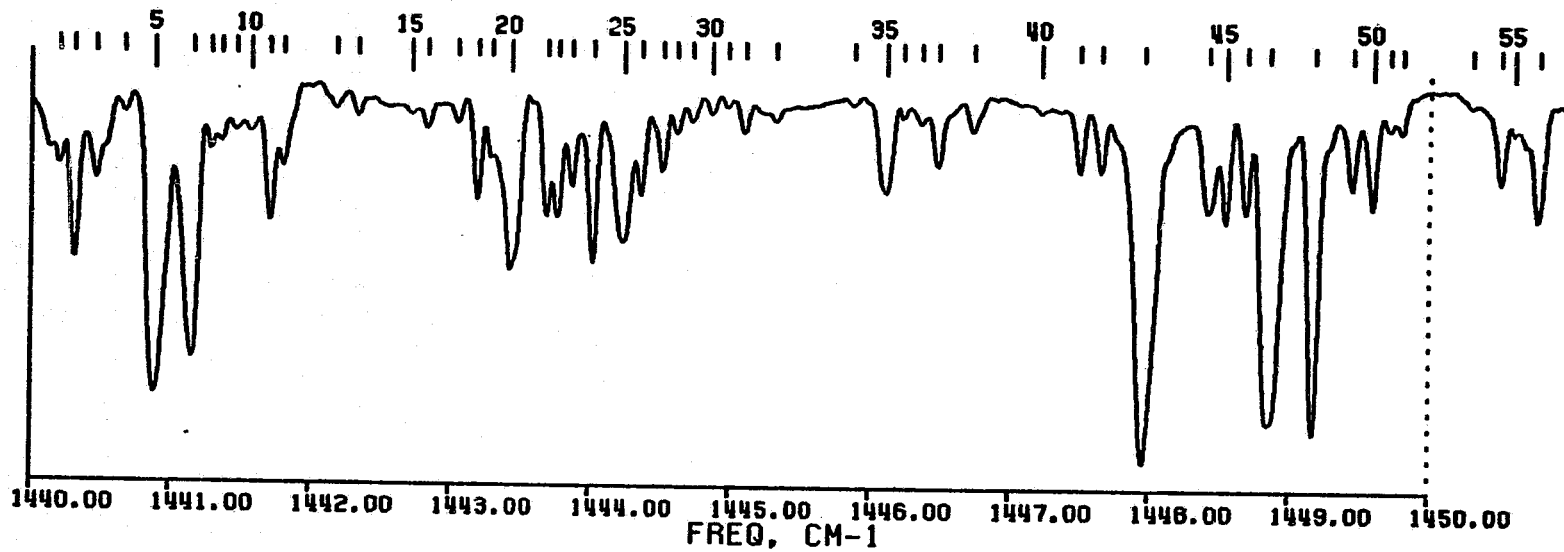
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10	21.761	21.923	22.029	22.243	22.350	22.468	22.941	23.200	23.492	23.708
20	23.886	24.138	24.398	24.738	25.032	25.279	25.409	25.516	25.617	25.722
30	25.874	26.134	26.316	26.548	26.659	26.800	26.971	27.290	27.427	27.632
40	27.729	27.904	28.051	28.275	28.463	28.657	28.810	28.945	29.153	29.272
50	29.568	29.948	30.202	30.375	30.522	30.678	31.015	31.120	31.221	31.398
60	31.806	31.996	32.390	32.528	32.731	33.149	33.295	33.434	33.647	33.899
70	34.252	34.638	34.709	34.816	35.104	35.200	35.321	35.658	35.775	35.948
80	36.488	36.663	36.815	37.028	37.242	37.492	38.035	38.660	38.809	38.937
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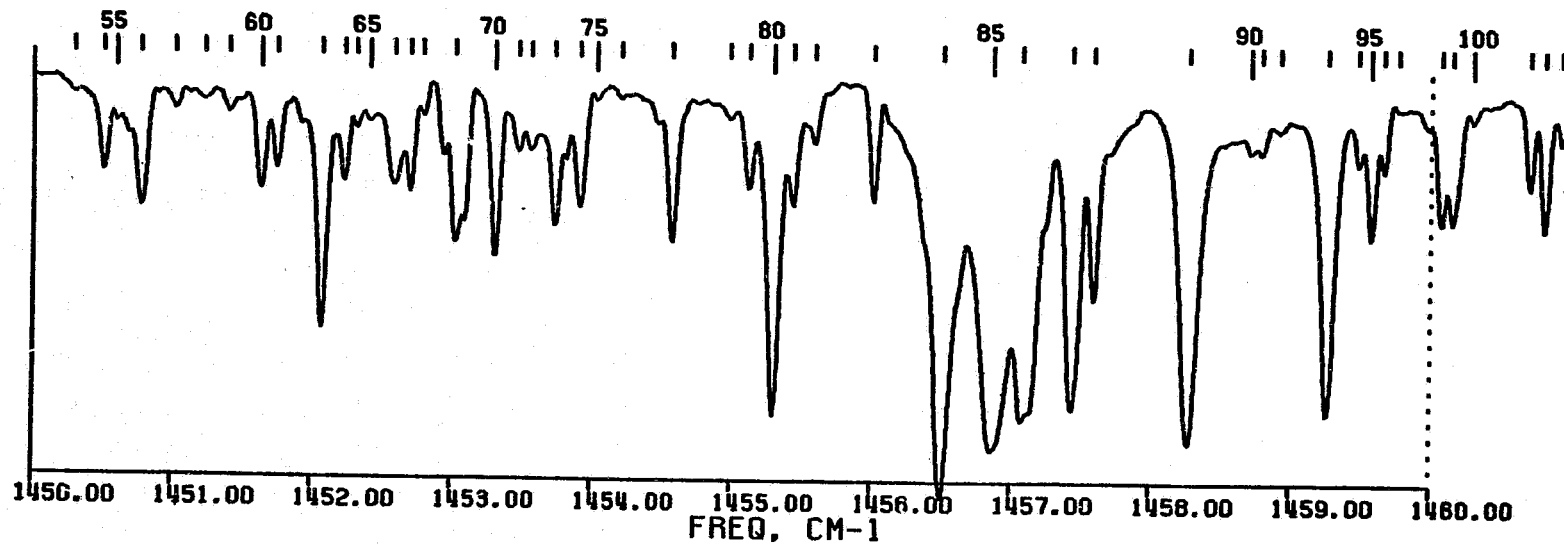


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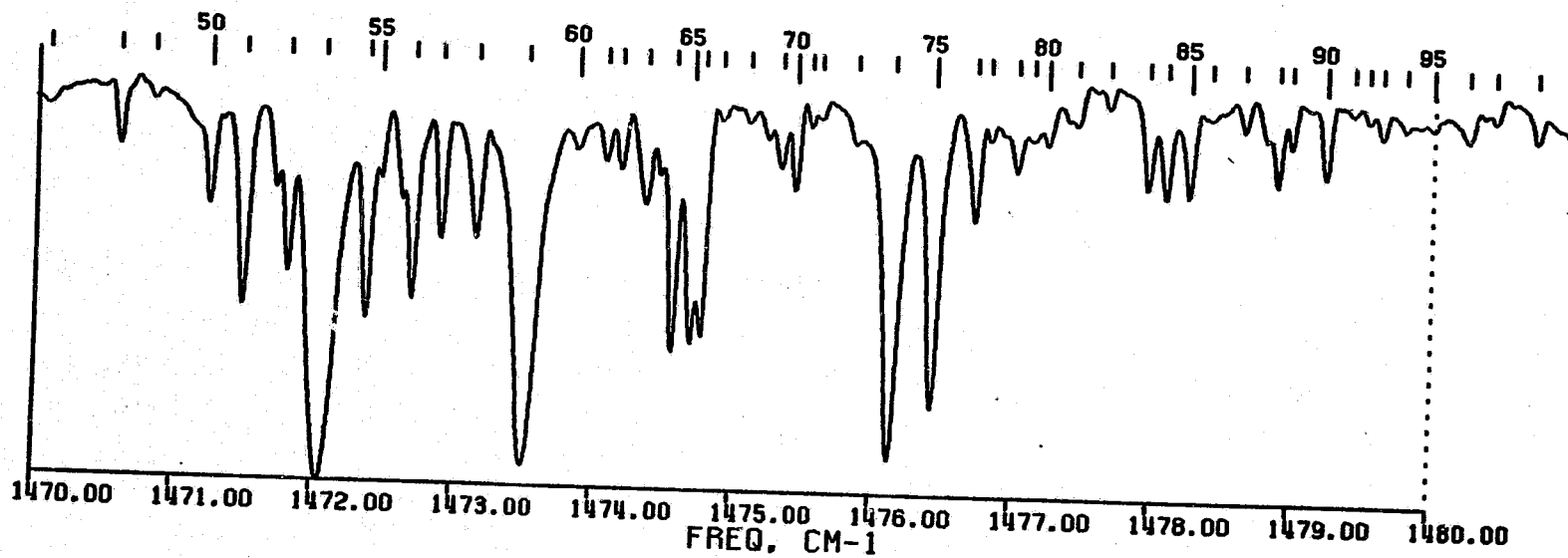
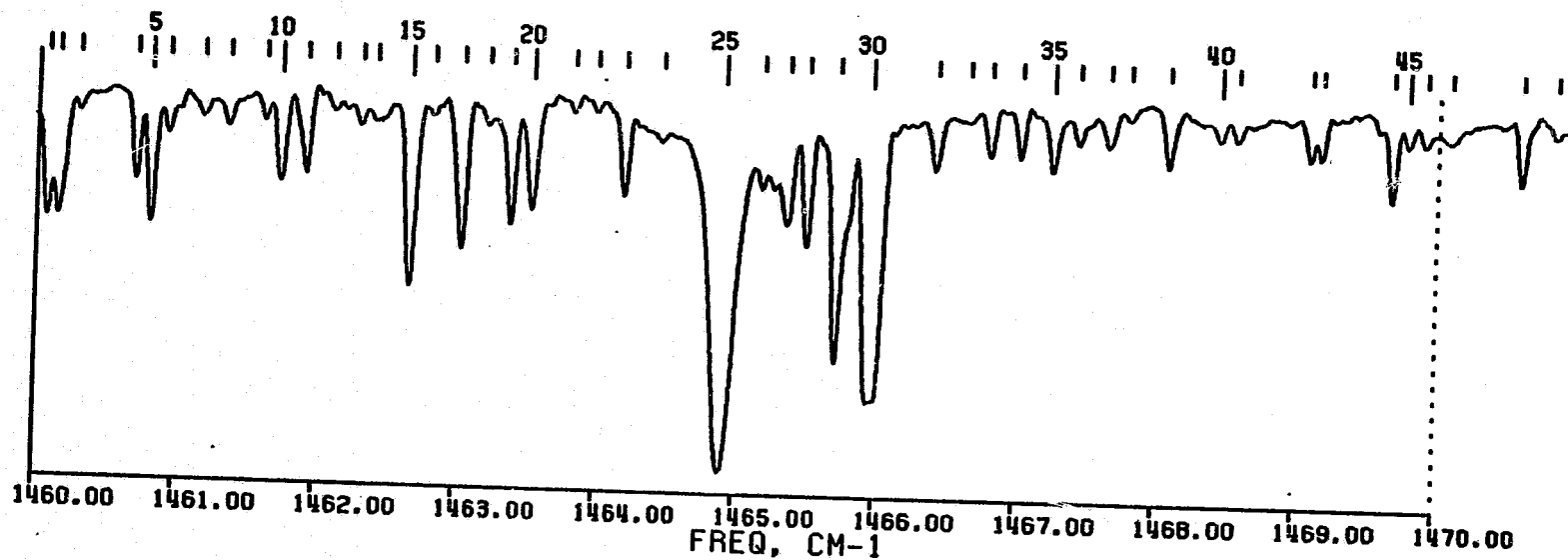
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10	41.572	41.706	41.799	42.180	42.333	42.719	42.830	43.050	43.192	43.290
20	43.432	43.689	43.766	43.869	44.020	44.240	44.361	44.516	44.619	44.728
30	44.868	44.977	45.103	45.324	45.881	46.116	46.232	46.364	46.484	46.735
40	47.222	47.496	47.648	47.956	48.416	48.541	48.687	48.854	49.170	49.444
50	49.592	49.713	49.800	50.299	50.506	50.601	50.776	51.019	51.227	51.405
60	51.631	51.745	52.070	52.227	52.315	52.410	52.584	52.700	52.791	53.022
70	53.308	53.477	53.566	53.737	53.915	54.033	54.209	54.576	54.989	55.125
80	55.303	55.440	55.593	56.015	56.510	56.869	57.083	57.440	57.593	58.272
90	58.711	58.786	58.919	59.264	59.484	59.575	59.662	59.770	60.075	60.153
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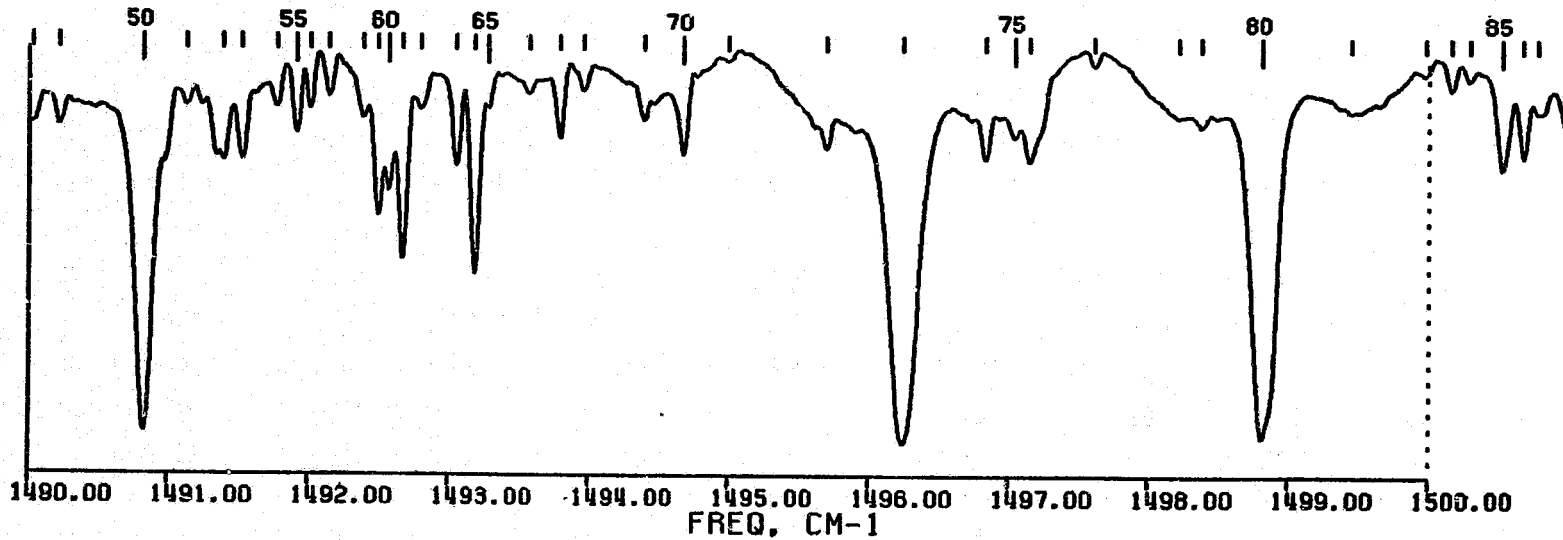
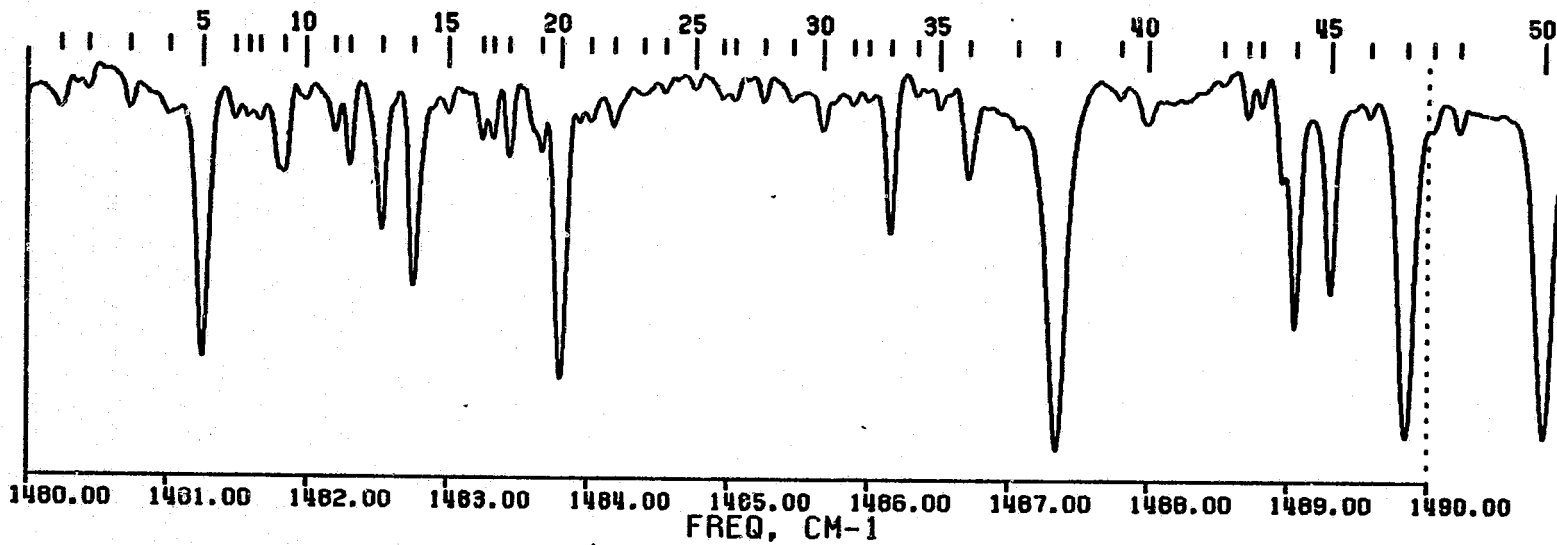


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10	61.733	61.916	62.117	62.304	62.414	62.665	62.822	63.033	63.218	63.384
20	63.533	63.826	63.989	64.190	64.454	64.903	65.178	65.358	65.500	65.715
30	65.951	66.413	66.648	66.800	67.015	67.250	67.432	67.649	67.795	68.074
40	68.443	68.563	69.088	69.164	69.671	69.783	69.905	70.084	70.594	70.839
50	71.240	71.485	71.804	72.051	72.371	72.463	72.696	72.896	73.154	73.510
60	73.874	74.076	74.185	74.364	74.565	74.697	74.774	74.906	75.098	75.328
70	75.433	75.541	75.613	75.867	76.134	76.431	76.722	76.824	77.018	77.132
80	77.236	77.442	77.672	77.956	78.089	78.254	78.405	78.642	78.884	78.978
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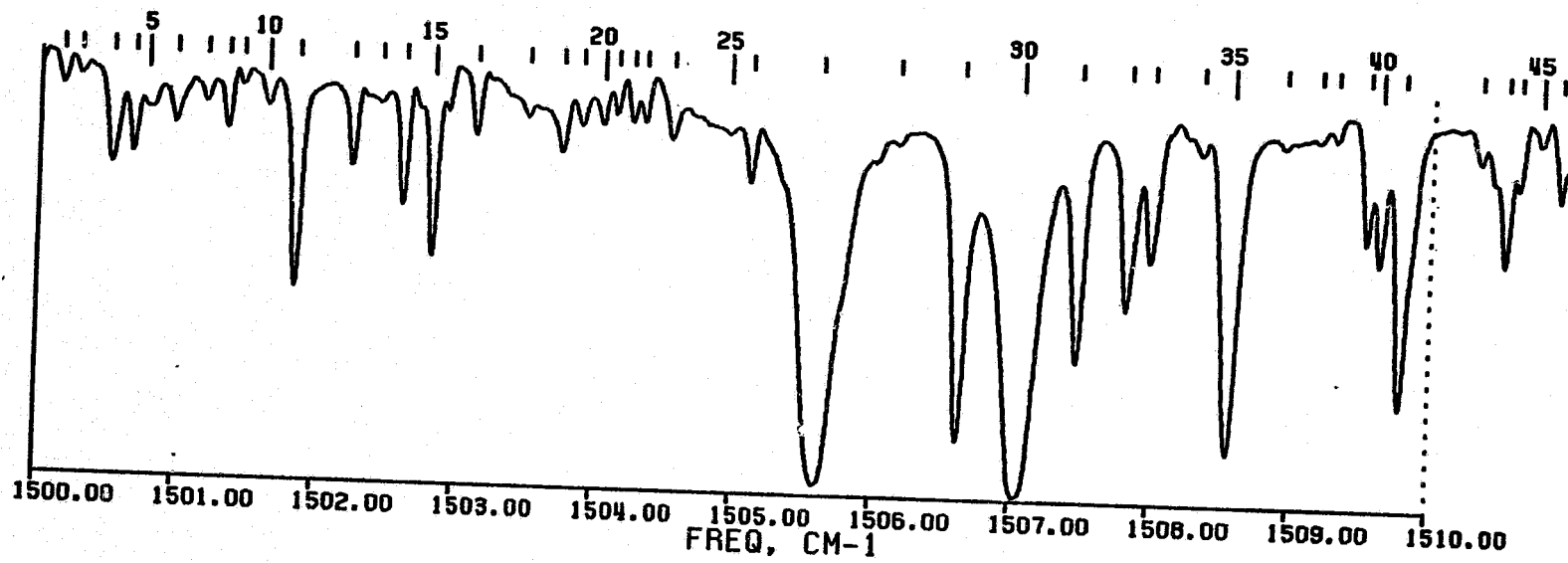


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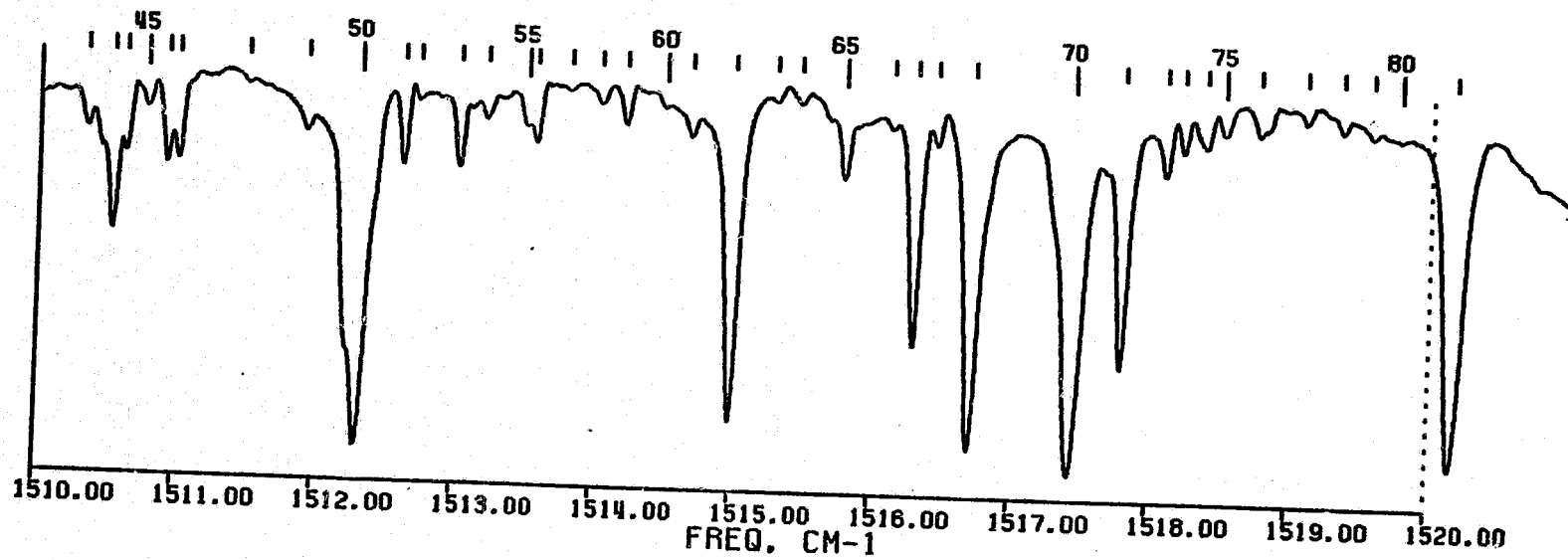
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10	81.985	82.196	82.299	82.529	82.756	83.009	83.251	83.325	83.443	83.674
20	83.809	84.023	84.186	84.398	84.552	84.768	84.969	85.053	85.257	85.460
30	85.679	85.897	86.005	86.164	86.351	86.515	86.720	87.066	87.349	87.799
40	87.996	88.535	88.712	88.808	89.051	89.307	89.583	89.843	90.031	90.222
50	90.825	91.129	91.389	91.525	91.771	91.914	92.010	92.148	92.390	92.497
60	92.569	92.668	92.803	93.057	93.190	93.286	93.578	93.797	93.966	94.398
70	94.677	95.003	95.699	96.246	96.834	97.044	97.150	97.615	98.215	98.378
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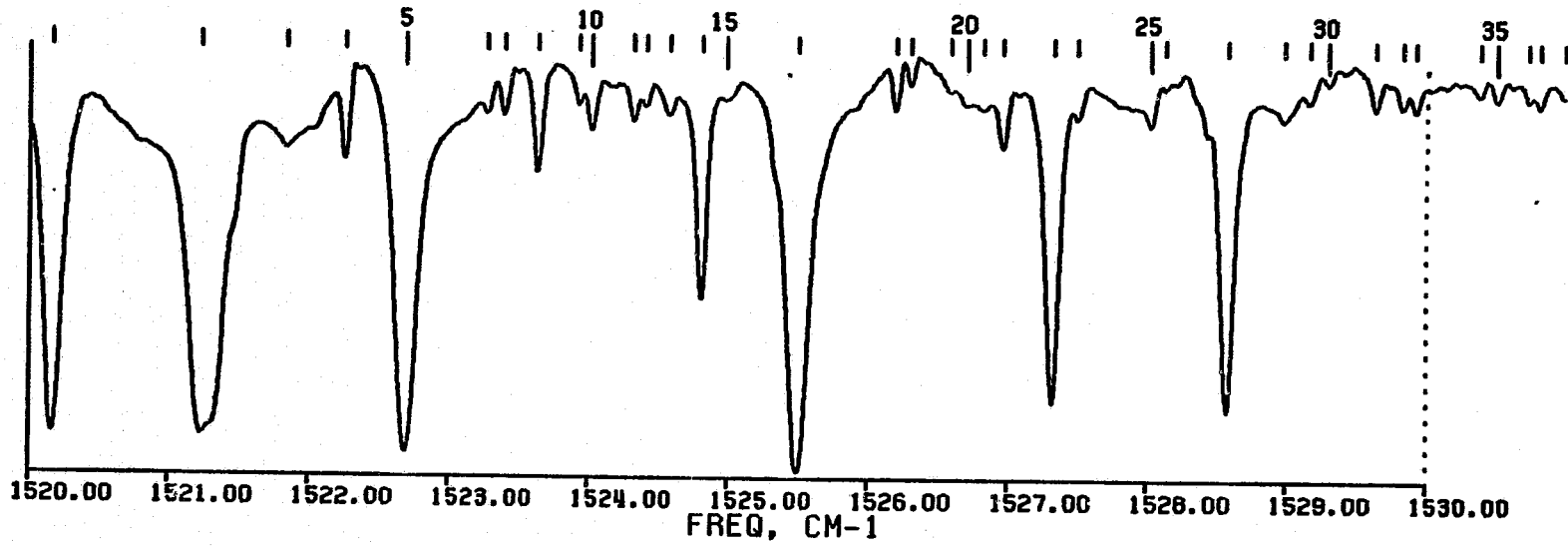
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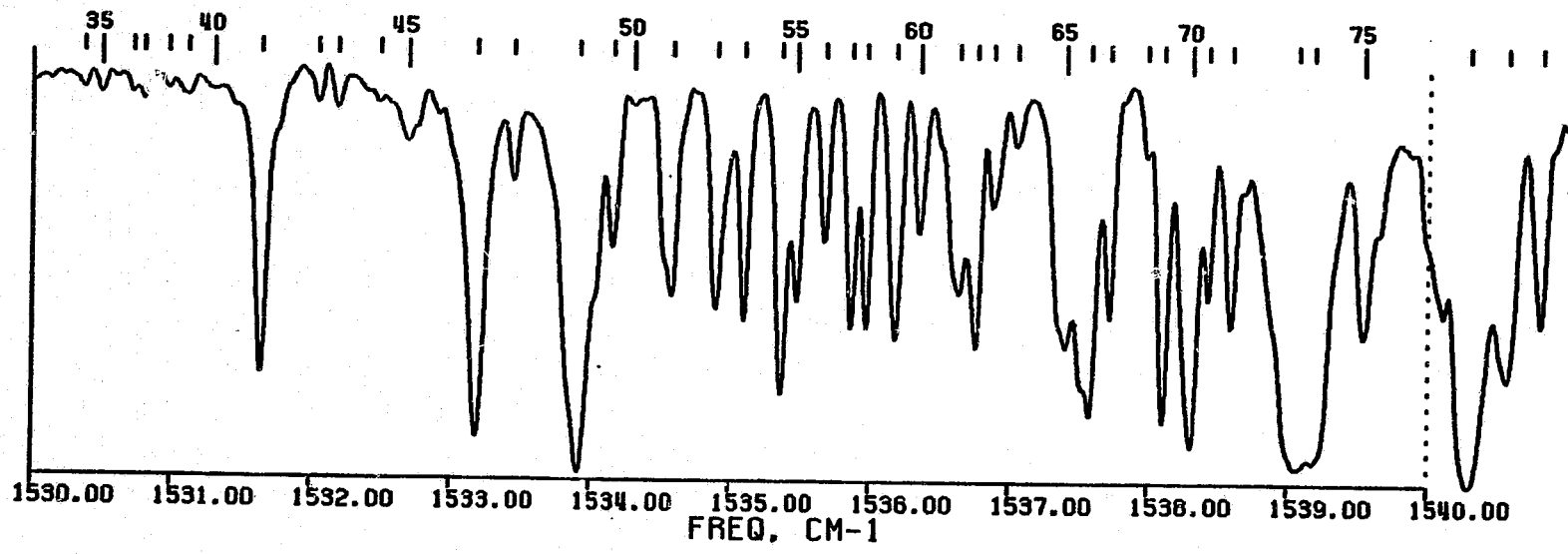
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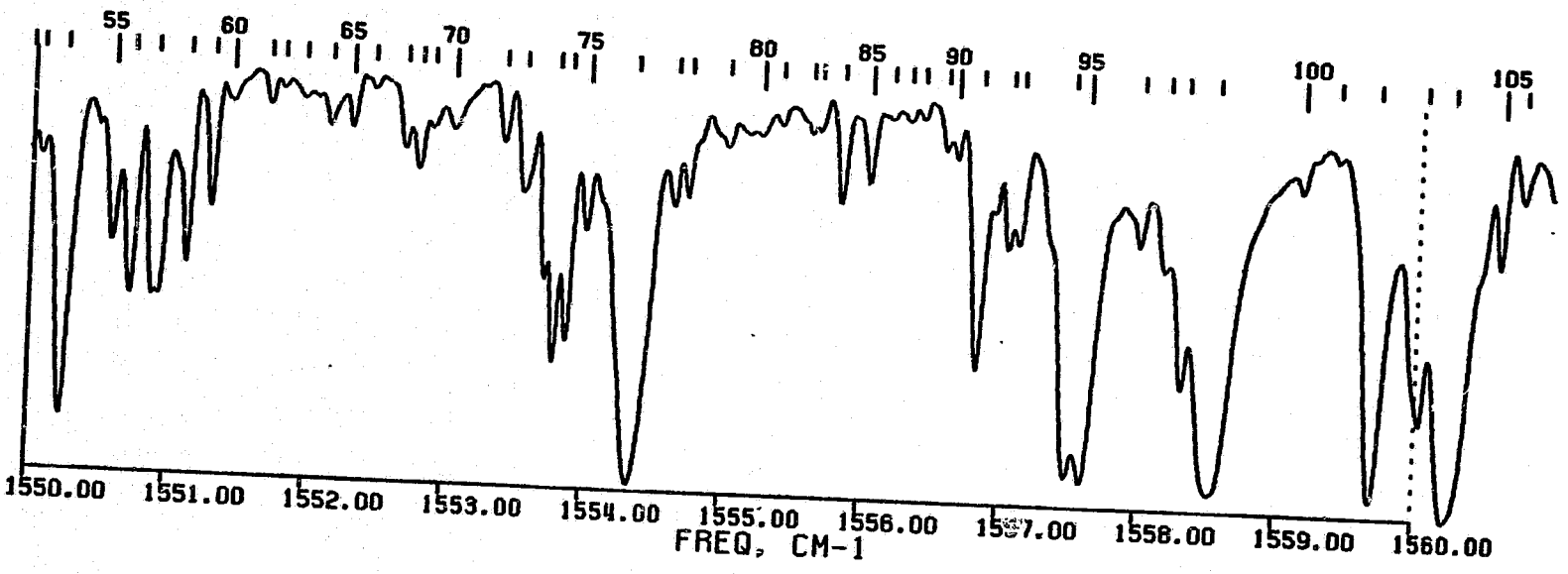
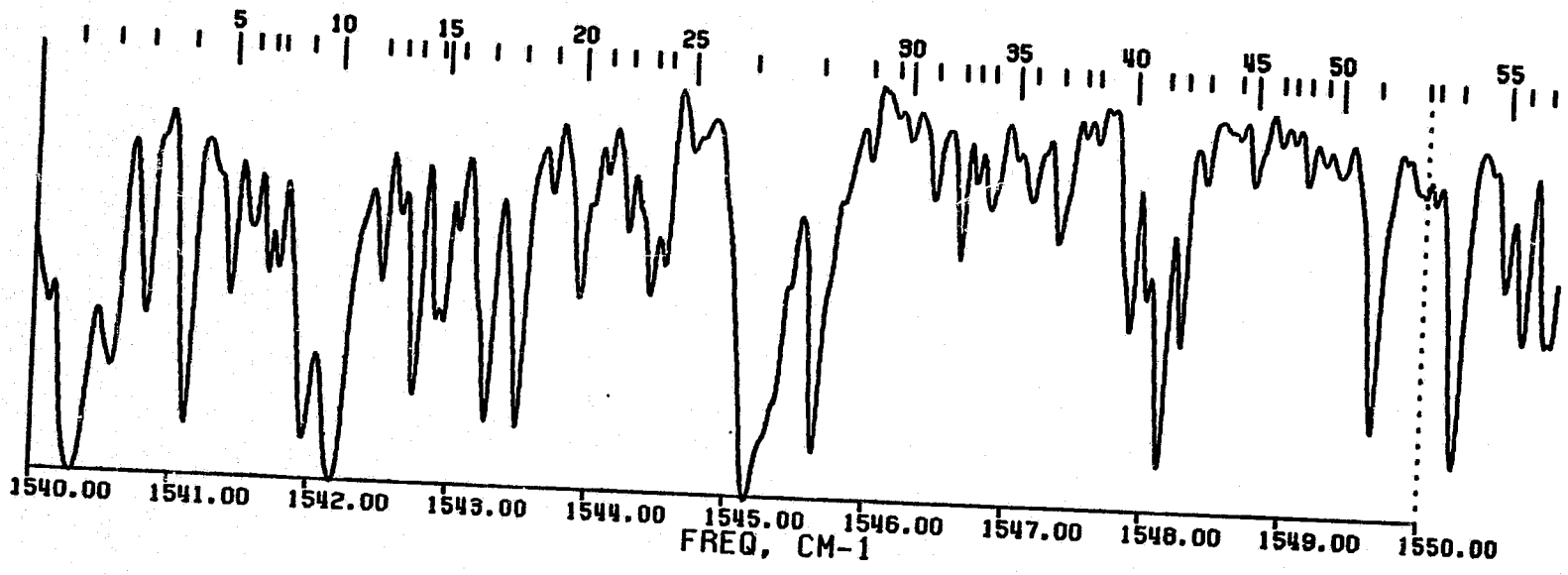
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10	24.024	24.324	24.410	24.579	24.812	24.986	25.498	26.195	26.588
20	26.706	26.824	26.964	27.322	27.495	28.021	28.123	28.573	29.157
30	29.293	29.630	29.822	29.918	30.374	30.498	30.722	30.803	31.115
40	31.305	31.642	32.049	32.187	32.485	32.688	33.183	33.450	33.916
50	34.309	34.585	34.900	35.102	35.368	35.479	35.678	35.868	35.977
60	36.356	36.641	36.763	36.883	37.050	37.403	37.578	37.720	37.984
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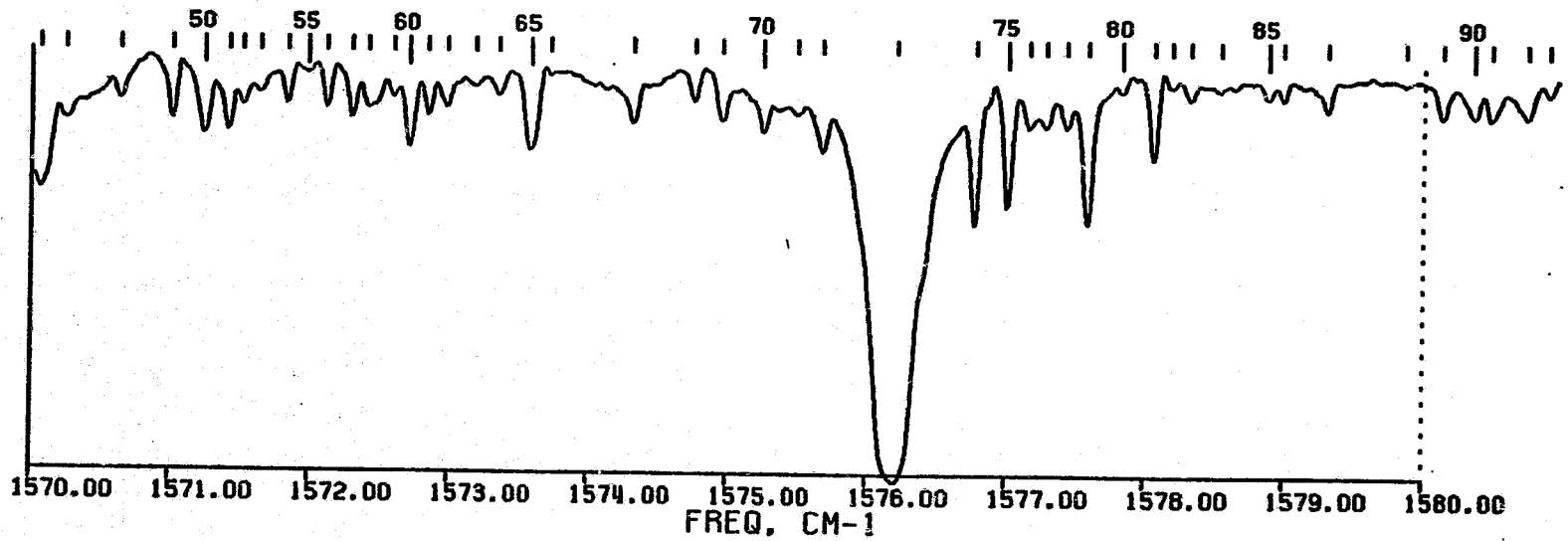
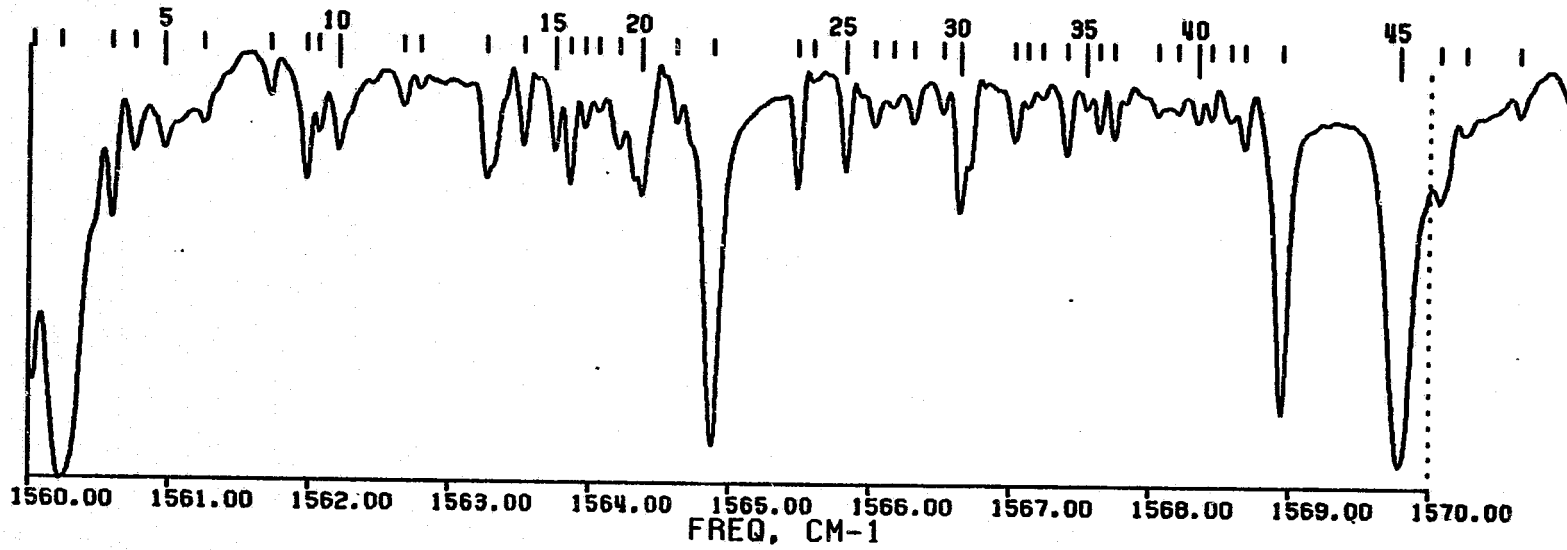


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20	43.924	44.104	44.262	44.432	44.536	44.715	45.159	45.628	45.991	46.176
30	46.274	46.458	46.654	46.757	46.863	47.047	47.161	47.359	47.531	47.622
40	47.890	48.122	48.258	48.409	48.639	48.757	48.942	49.036	49.141	49.263
50	49.379	49.642	49.992	50.067	50.237	50.585	50.719	50.883	51.119	51.290
60	51.434	51.701	51.795	51.952	52.137	52.294	52.449	52.678	52.779	52.876
70	53.029	53.391	53.541	53.777	53.867	54.000	54.343	54.630	54.726	55.004
80	55.245	55.388	55.606	55.663	55.830	56.028	56.181	56.310	56.408	56.575
90	56.655	56.829	57.042	57.119	57.494	57.606	57.989	58.177	58.313	58.535
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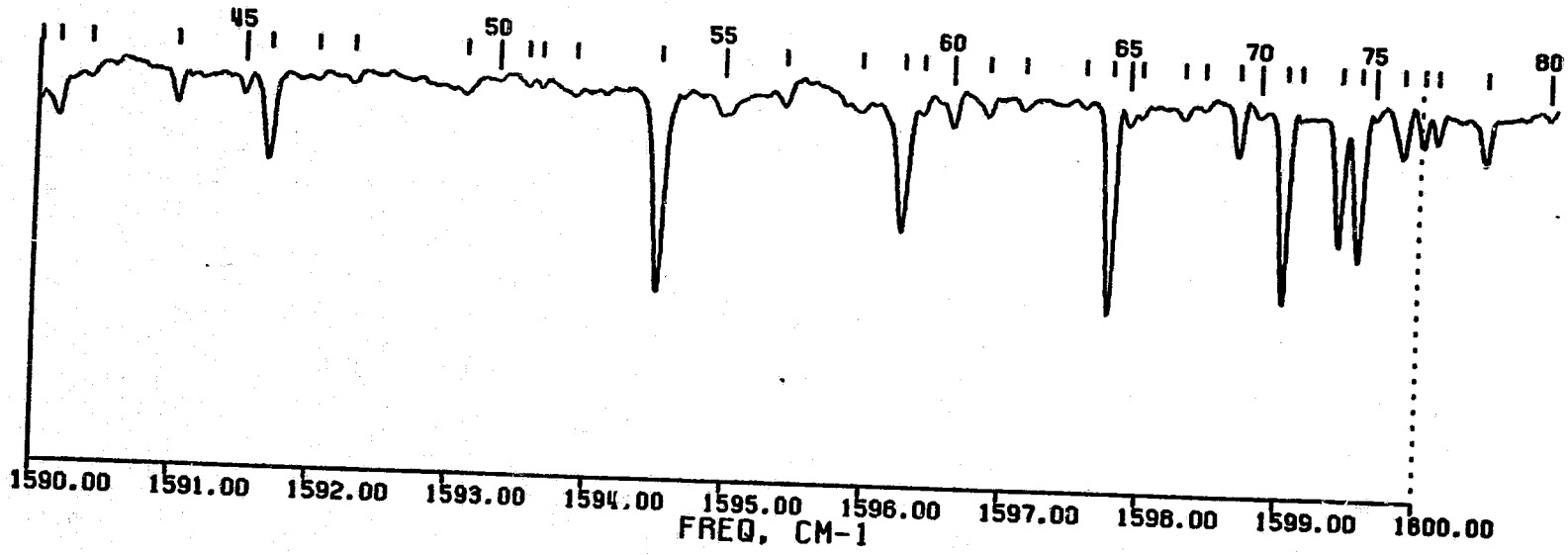
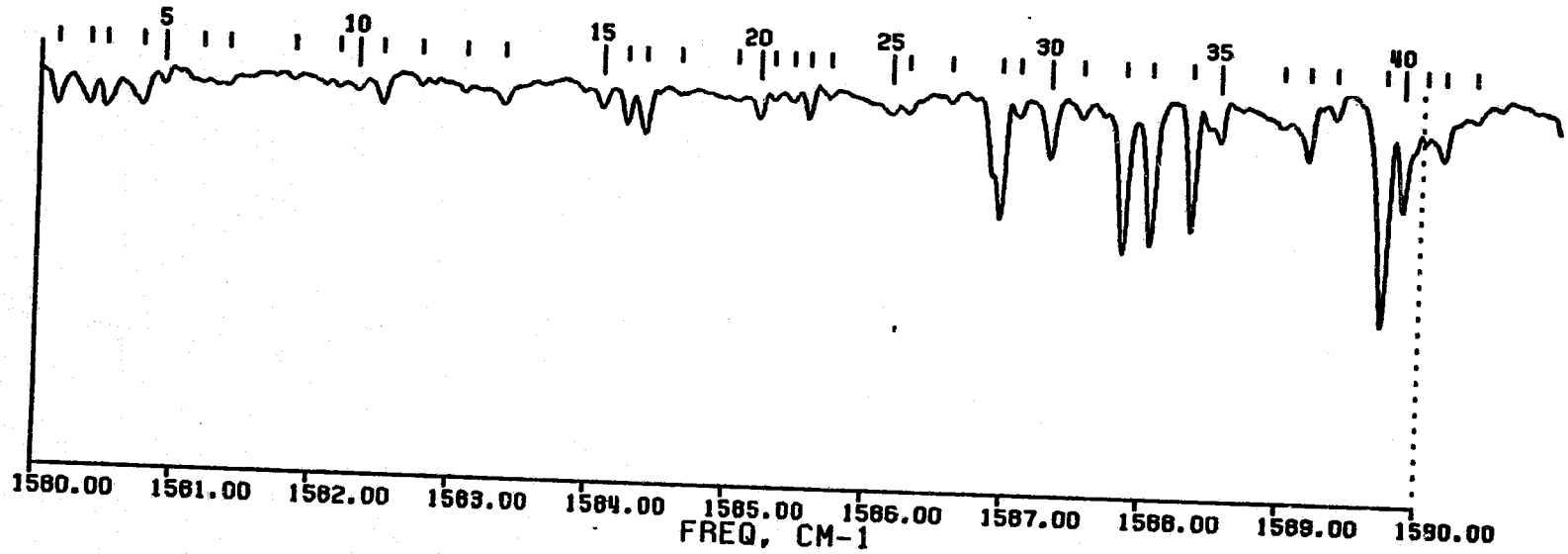


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20	64.372	64.619	64.879	65.486	65.593	65.826	66.031	66.161	66.309	66.518
30	66.643	67.034	67.124	67.230	67.404	67.543	67.633	67.741	68.050	68.195
40	68.333	68.431	68.573	68.672	68.943	69.785	70.069	70.249	70.639	71.009
50	71.241	71.414	71.518	71.639	71.836	71.986	72.119	72.300	72.421	72.598
60	72.715	72.848	72.982	73.191	73.356	73.584	73.724	74.321	74.760	74.960
70	75.256	75.500	75.683	76.210	76.776	77.010	77.163	77.283	77.432	77.586
80	77.828	78.057	78.188	78.318	78.533	78.877	78.986	79.304	79.864	80.130
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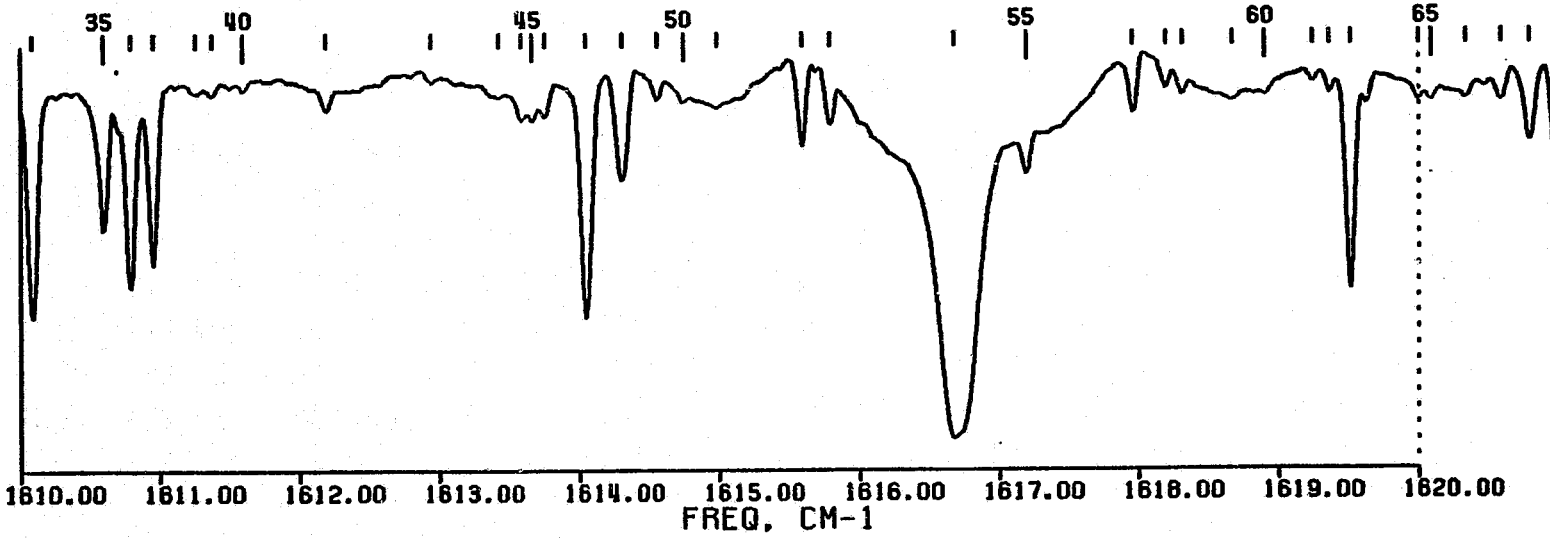
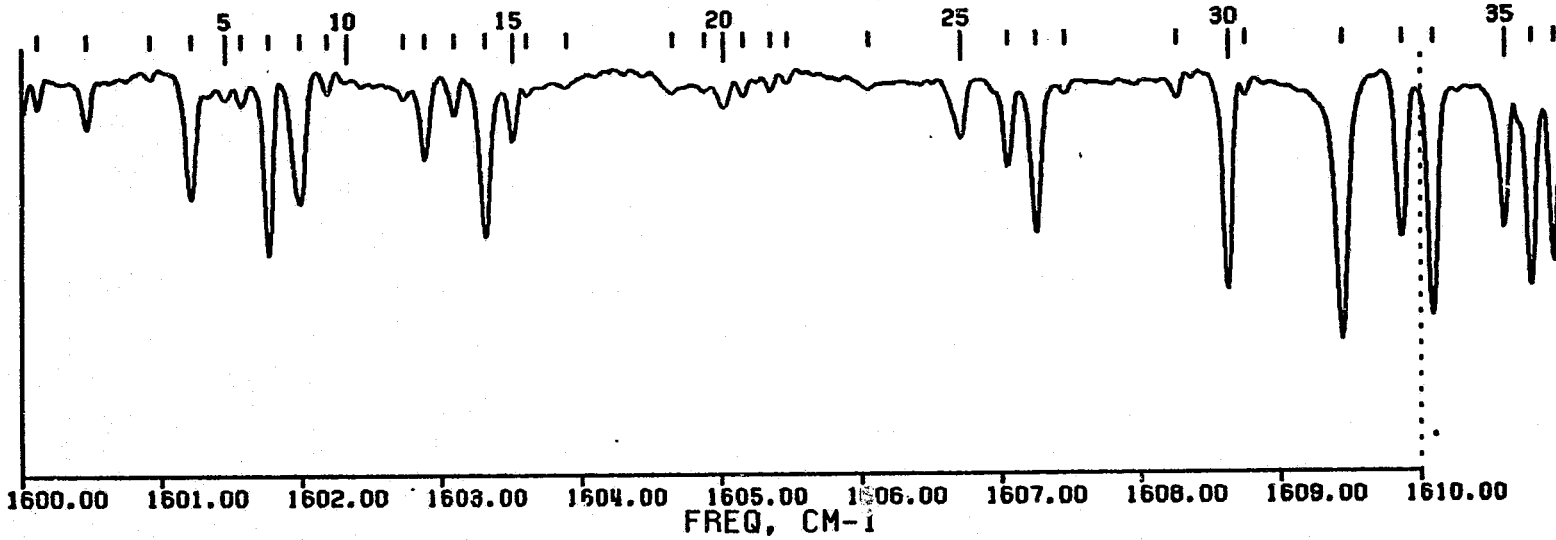
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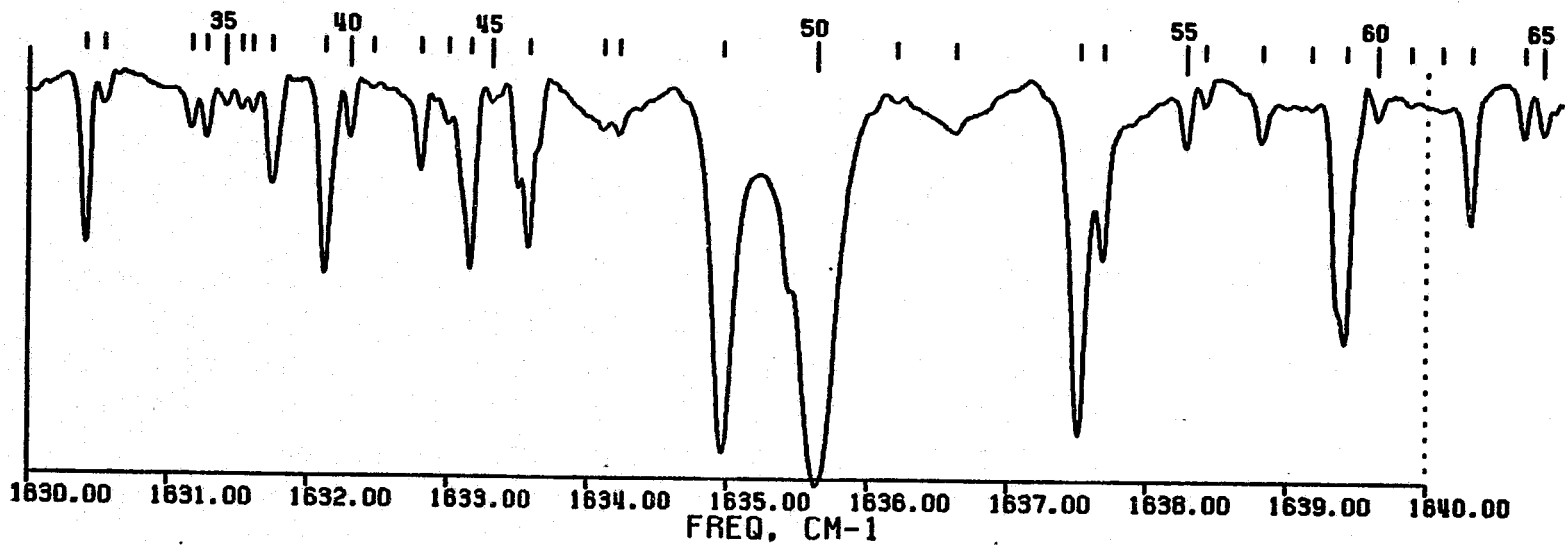
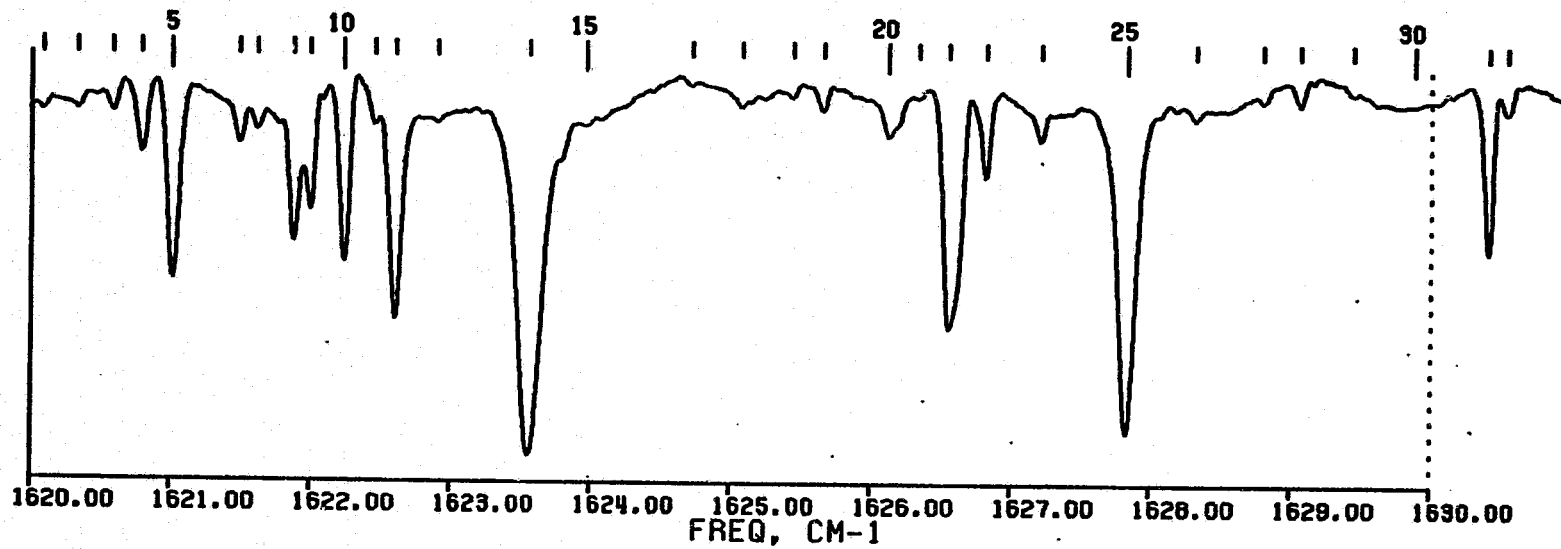
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10	2.328	2.735	2.886	3.096	3.323	3.515	3.617	3.900	4.657	4.890
20	5.025	5.162	5.356	5.475	6.055	6.714	7.053	7.256	7.460	8.257
30	6.624	6.743	9.442	9.866	10.089	10.598	10.791	10.954	11.259	11.372
40	11.595	12.189	12.948	13.426	13.587	13.666	13.753	14.051	14.305	14.559
50	14.746	14.987	15.594	15.794	16.682	17.196	17.958	18.190	18.309	18.667
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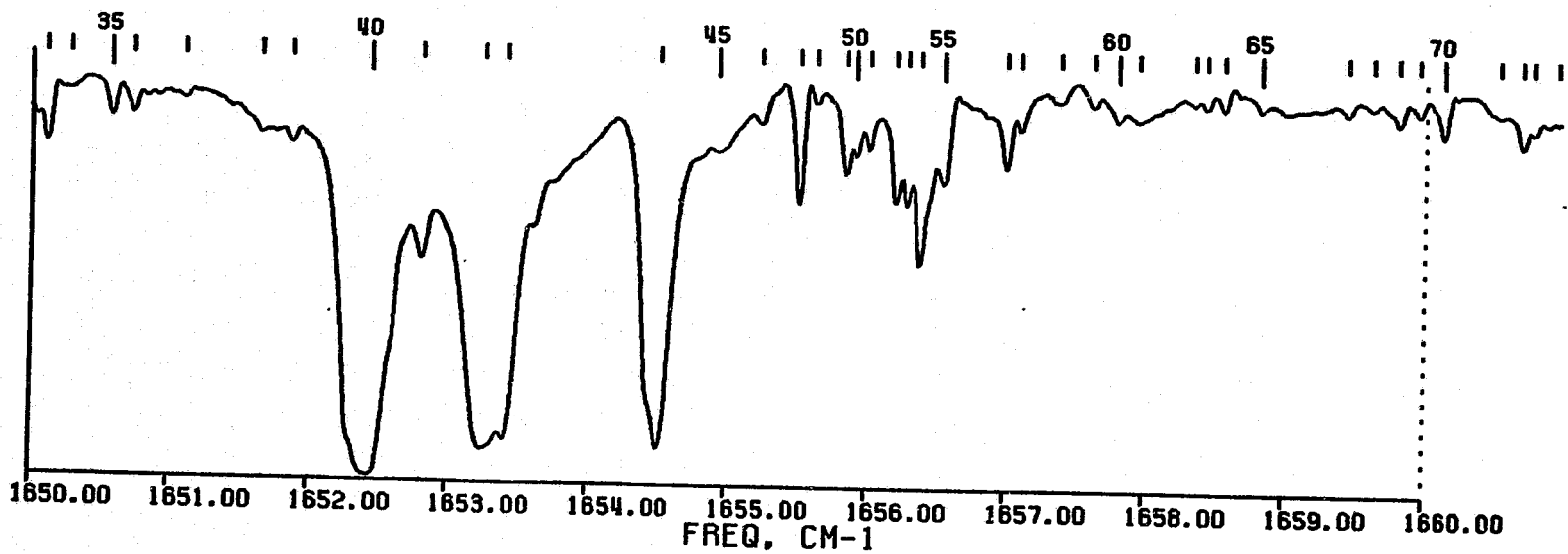
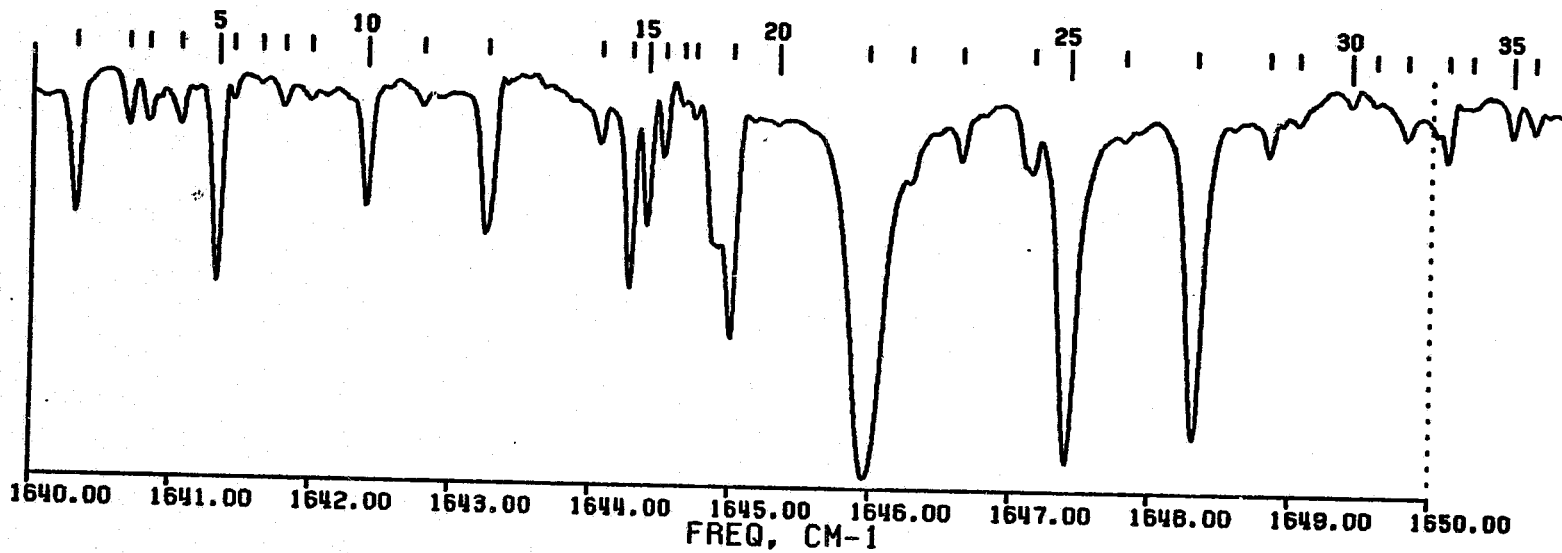
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	1	2	3	4	5	6	7	8	9	
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10	22.233	22.452	22.597	22.902	23.560	23.968	24.719	25.078	25.440	25.656
20	26.124	26.339	26.558	26.819	27.210	27.828	28.316	28.798	29.062	29.441
30	29.883	30.411	30.542	31.163	31.271	31.413	31.520	31.601	31.742	32.120
40	32.298	32.462	32.801	32.997	33.161	33.315	33.577	34.114	34.222	34.968
50	35.637	36.207	36.627	37.513	37.682	38.278	38.410	38.814	39.169	39.416
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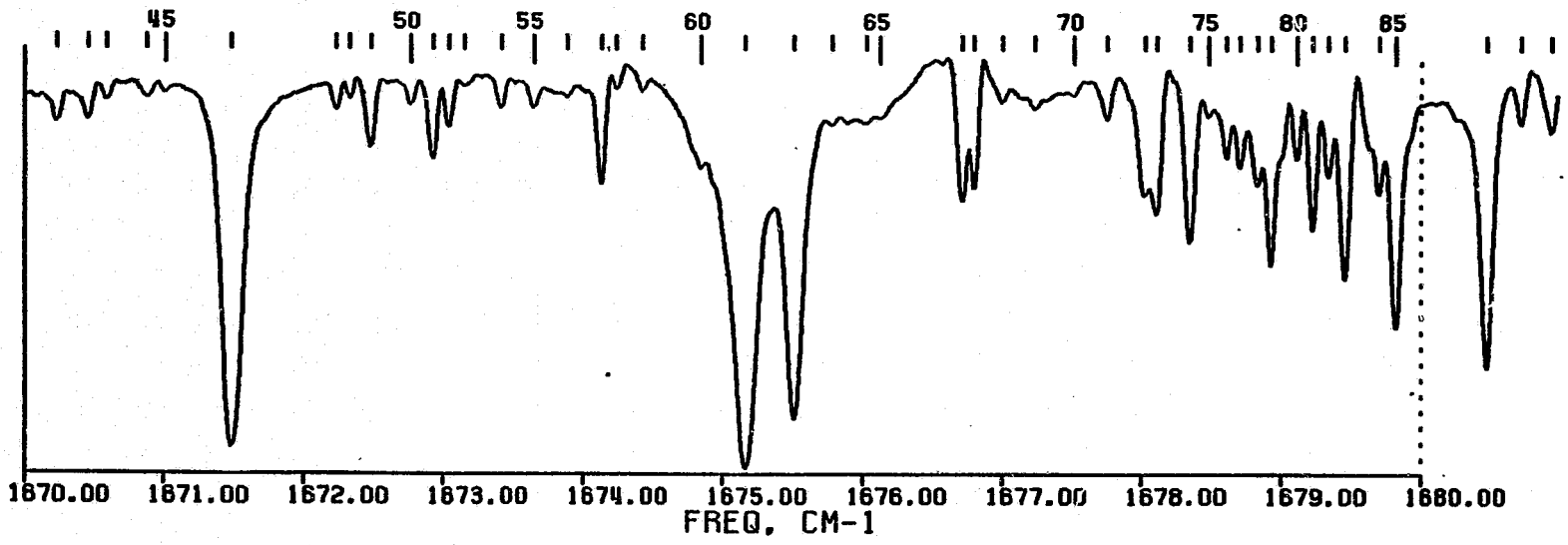
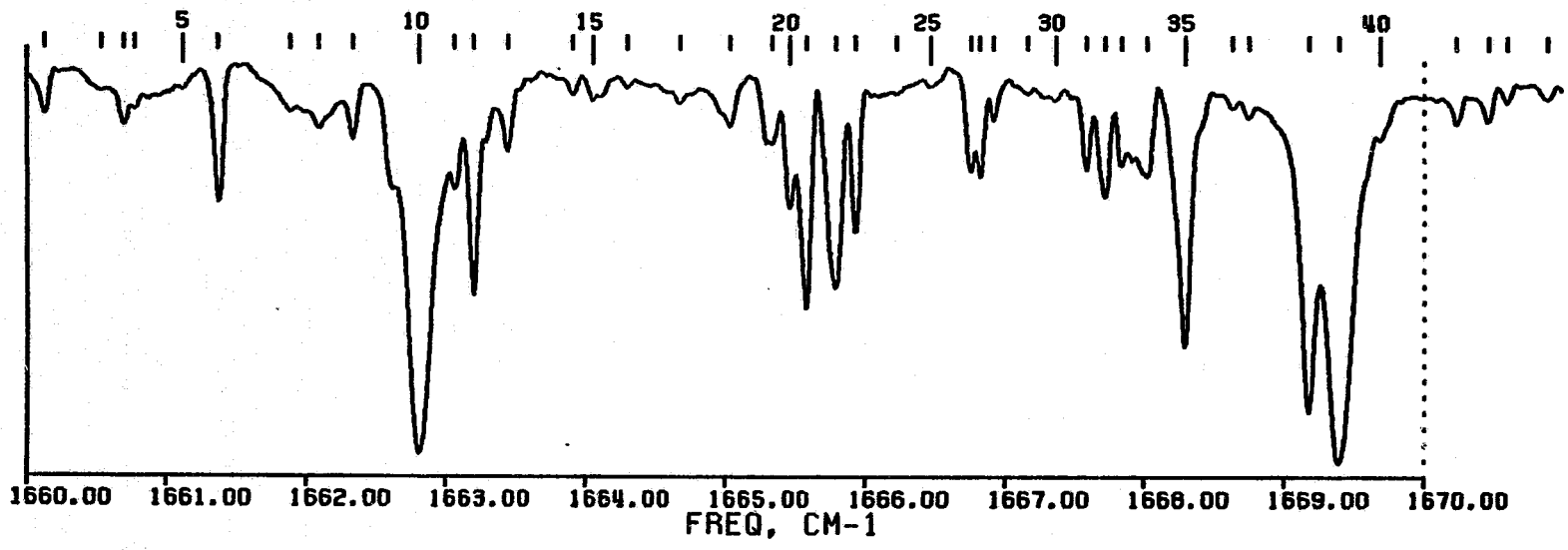
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10	42.388	42.790	43.250	44.061	44.278	44.399	44.515	44.648	44.736	45.002
20	45.331	45.967	46.276	46.640	47.148	47.406	47.803	48.311	48.833	49.041
30	49.420	49.593	49.819	50.111	50.279	50.574	50.730	51.100	51.650	51.868
40	52.434	52.808	53.254	53.409	54.513	54.933	55.239	55.512	55.629	55.845
50	55.914	56.006	56.201	56.281	56.380	56.549	56.995	57.095	57.382	57.620
60	57.792	57.940	58.346	58.430	58.557	58.822	59.438	59.622	59.805	59.951
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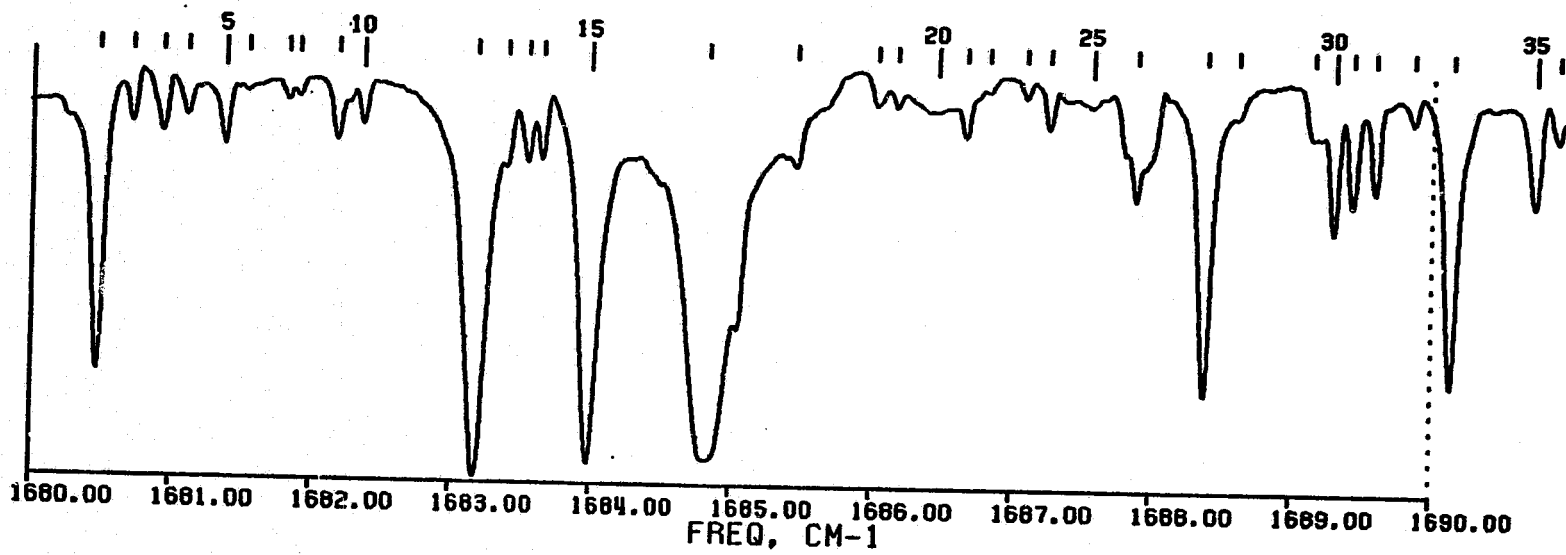
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20	65.461	65.580	65.789	65.932	66.228	66.472	66.758	66.824	67.165
30	67.364	67.584	67.716	67.834	68.015	68.289	68.630	68.744	69.387
40	69.683	70.233	70.458	70.591	70.881	71.010	71.483	72.232	72.479
50	72.767	72.926	73.039	73.156	73.416	73.648	73.885	74.132	74.427
60	74.847	75.165	75.515	75.784	76.032	76.131	76.716	76.800	77.237
70	77.513	77.753	78.023	78.106	78.344	78.482	78.606	78.702	78.926
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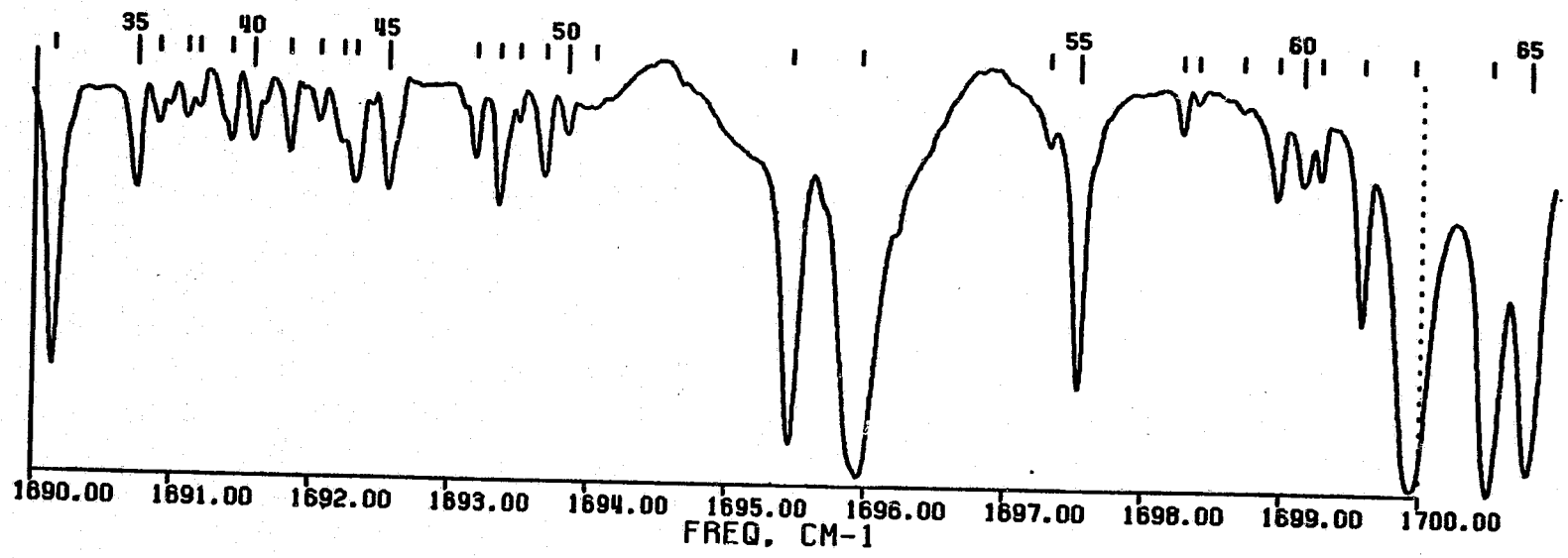


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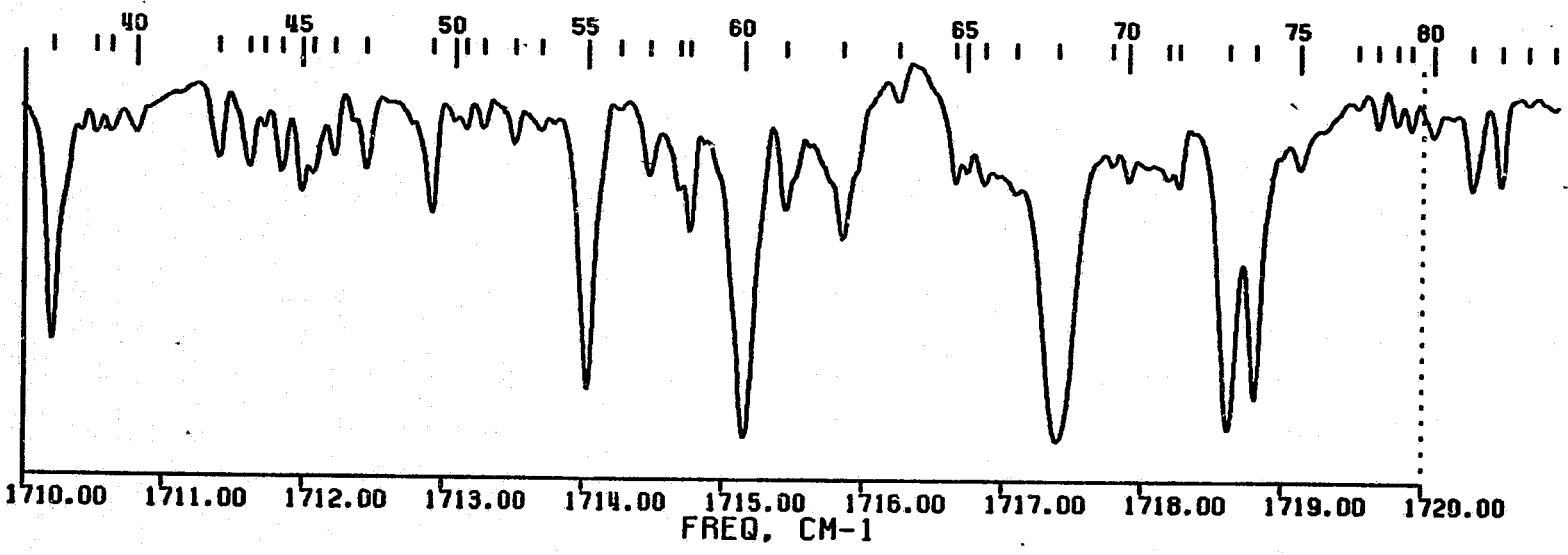
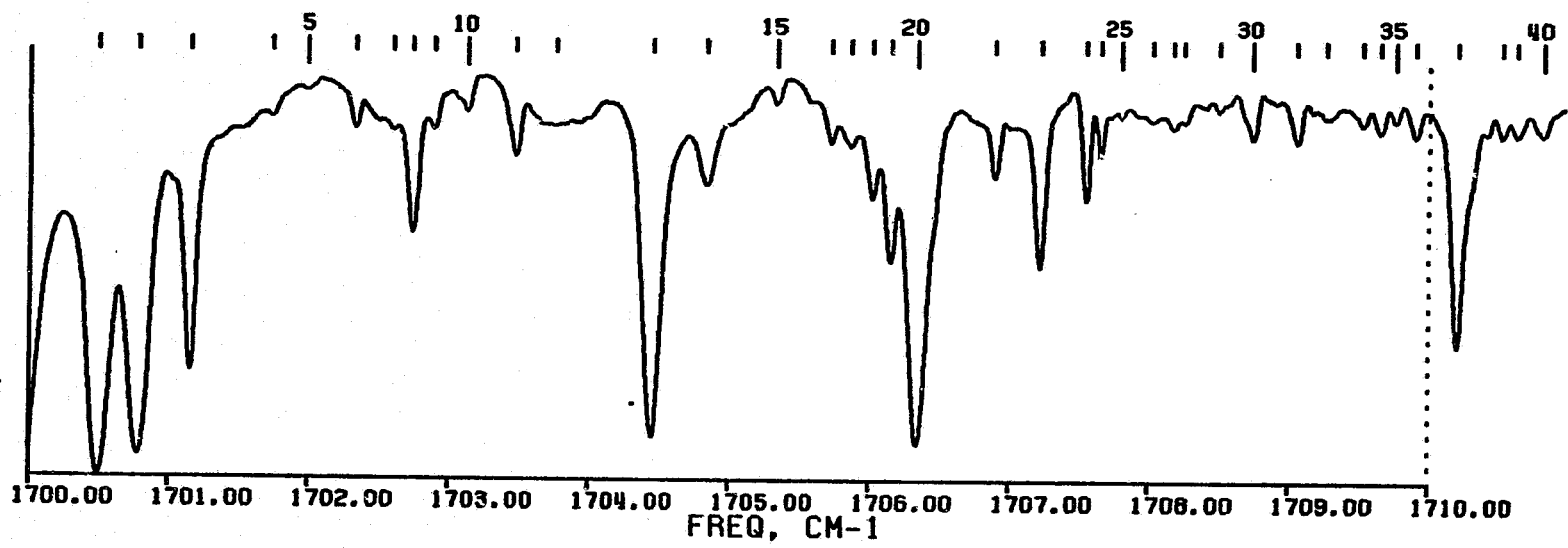
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10	82.362	83.176	83.389	83.541	83.641	83.984	84.823	85.456	86.031	86.171
20	86.465	86.667	86.829	87.096	87.261	87.572	87.885	88.382	88.603	89.147
30	89.296	89.427	89.589	89.862	90.139	90.735	90.894	91.095	91.179	91.412
40	91.572	91.833	92.044	92.214	92.307	92.547	93.178	93.349	93.488	93.675
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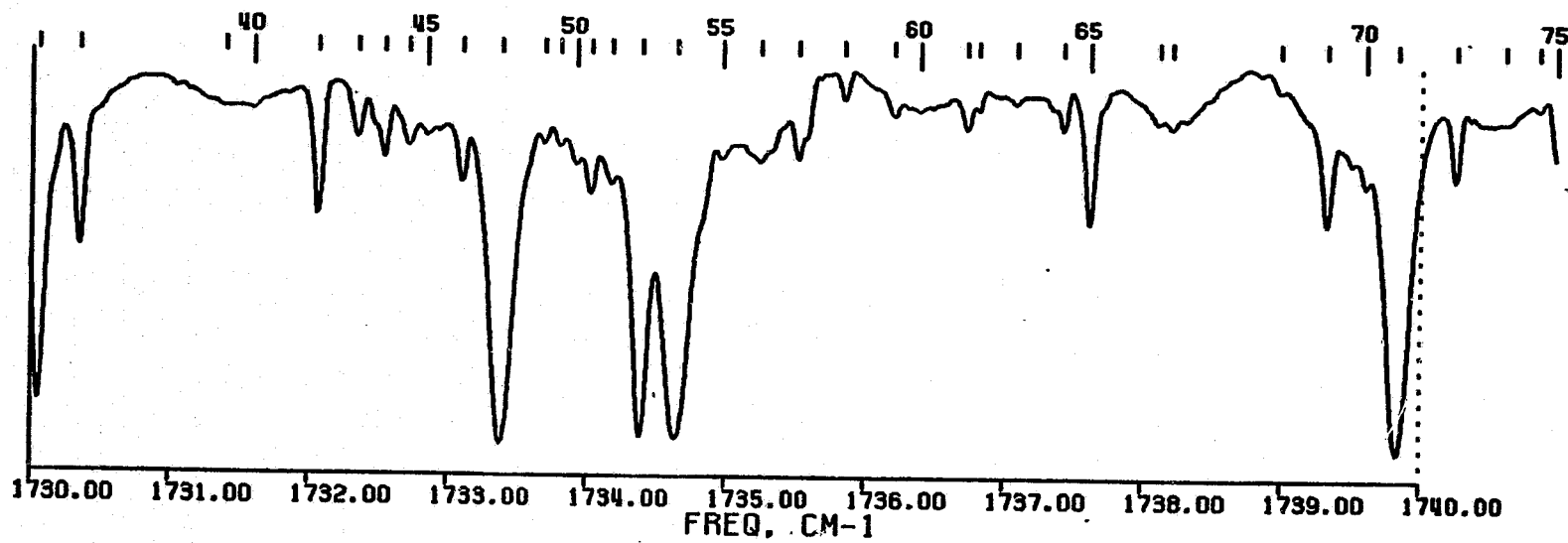
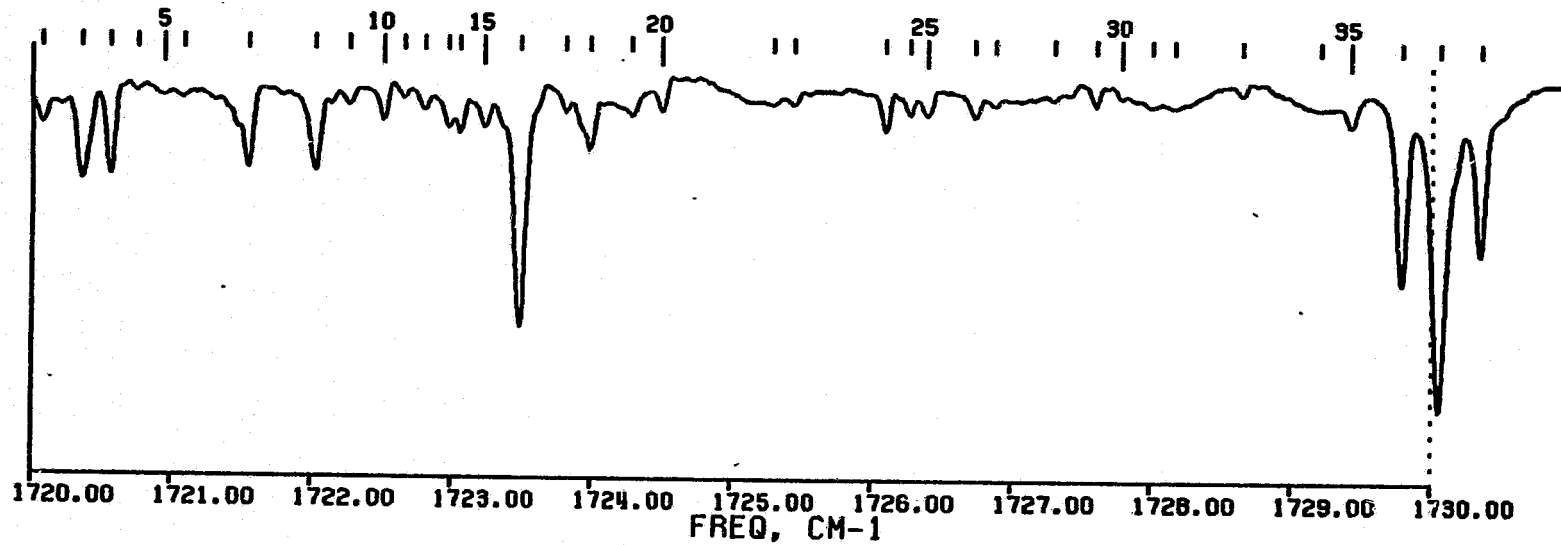


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10	3.132	3.474	3.763	4.455	4.842	5.342	5.726	5.870	6.024	6.156
20	6.345	6.897	7.225	7.551	7.651	7.802	8.023	8.171	8.252	8.501
30	8.739	9.057	9.267	9.525	9.647	9.759	9.902	10.204	10.516	10.625
40	10.808	11.396	11.613	11.718	11.843	11.990	12.068	12.221	12.448	12.920
50	13.081	13.161	13.286	13.508	13.698	14.035	14.264	14.474	14.691	14.766
60	15.155	15.450	15.857	16.251	16.662	16.744	16.870	17.096	17.396	17.783
70	17.899	18.181	18.256	18.613	18.802	19.126	19.540	19.681	19.816	19.914
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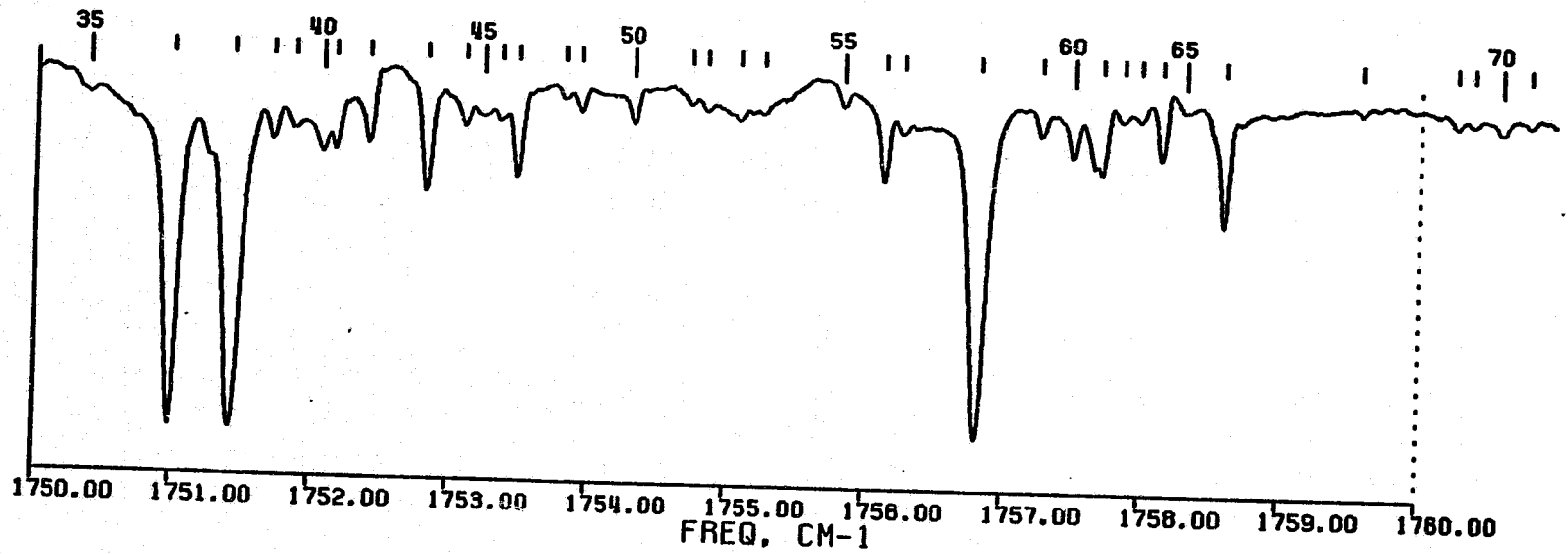
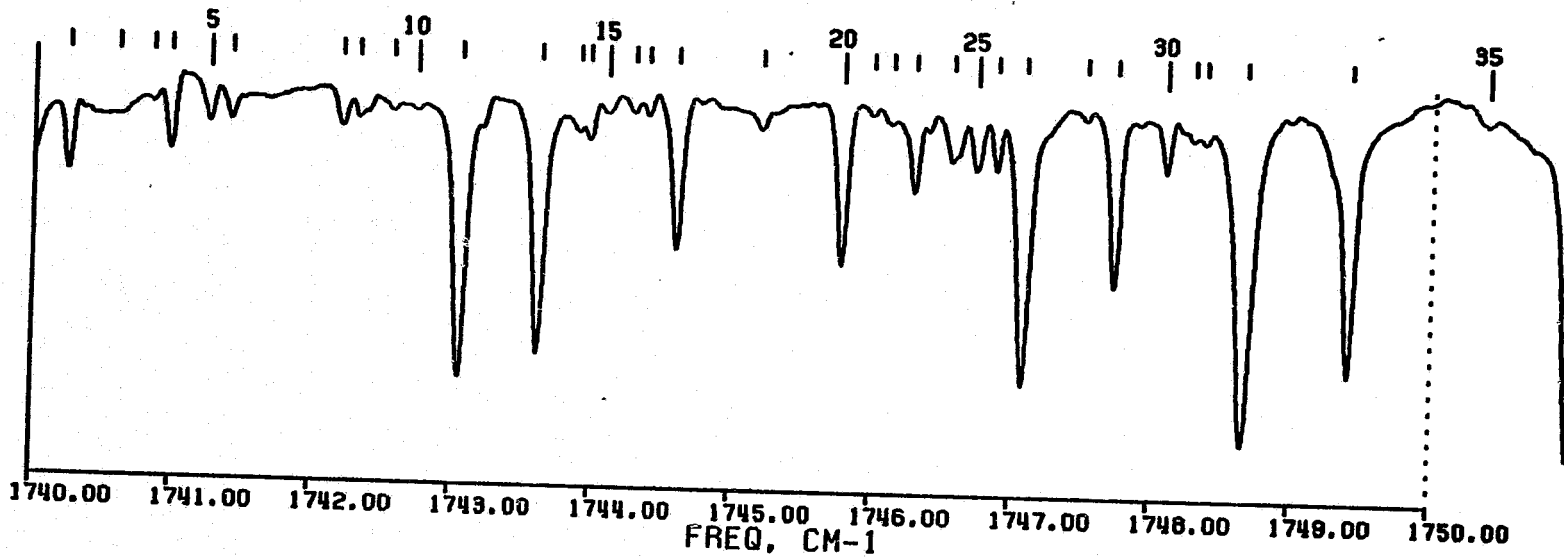


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10	22.507	22.657	22.802	22.972	23.052	23.231	23.488	23.812	23.984	24.283
20	24.499	25.292	25.442	26.094	26.268	26.391	26.732	26.875	27.296	27.595
30	27.780	27.997	28.161	28.642	29.199	29.417	29.785	30.053	30.347	31.399
40	31.596	32.062	32.345	32.537	32.715	32.848	33.098	33.386	33.690	33.807
50	33.923	34.025	34.175	34.393	34.644	34.971	35.249	35.521	35.851	36.208
60	36.394	36.731	36.815	37.085	37.424	37.619	38.113	38.209	38.986	39.321
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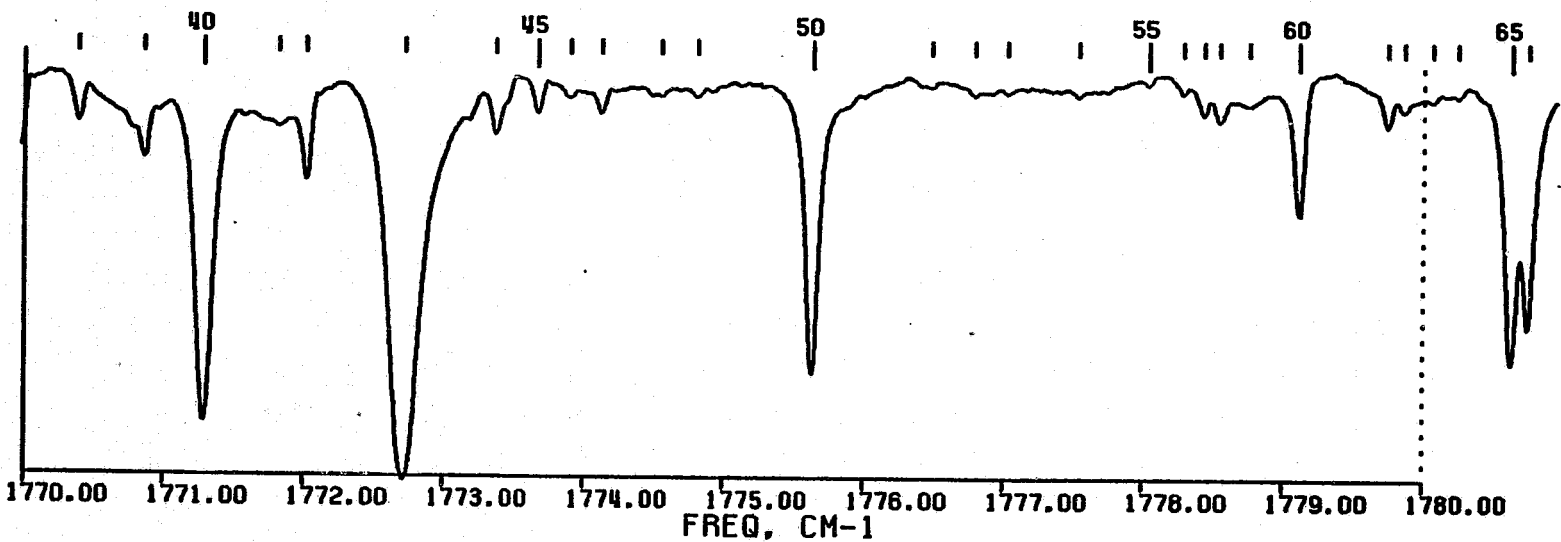
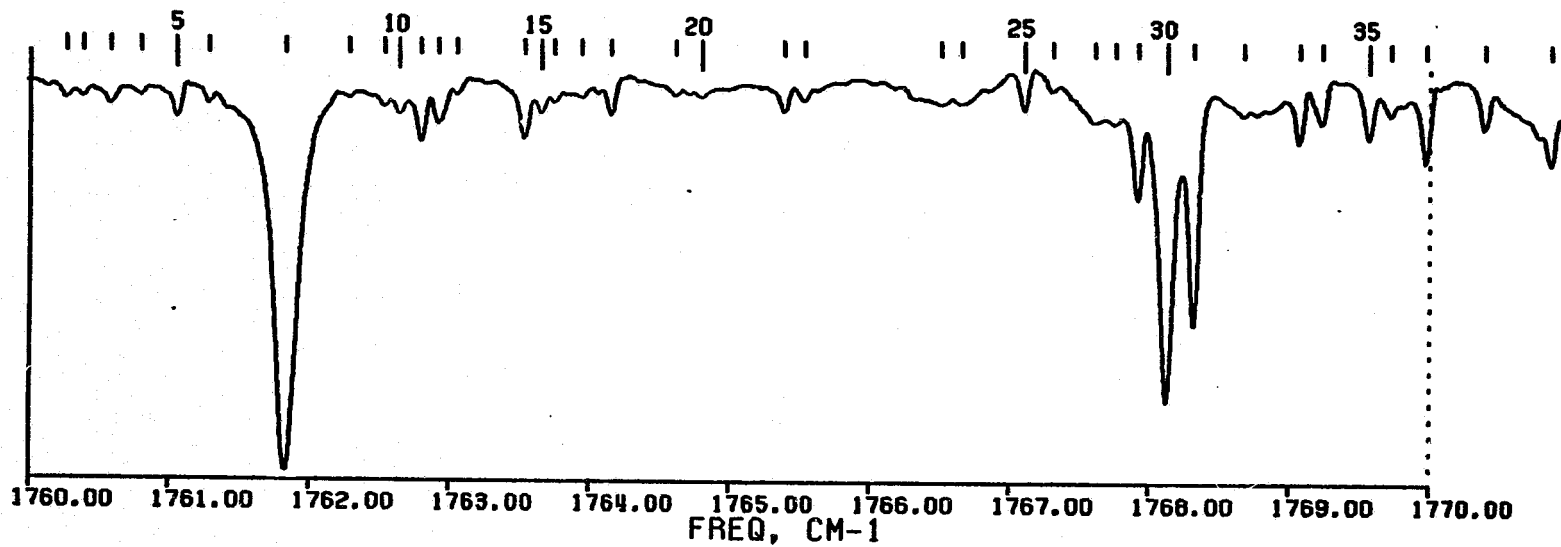


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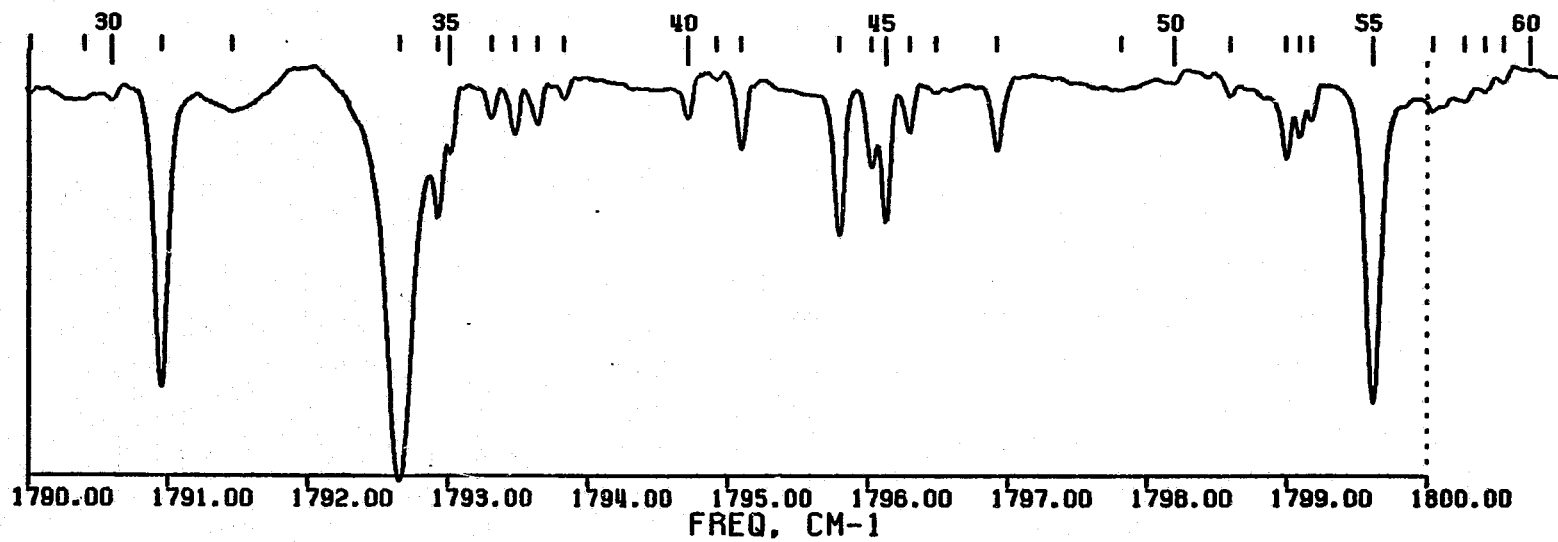
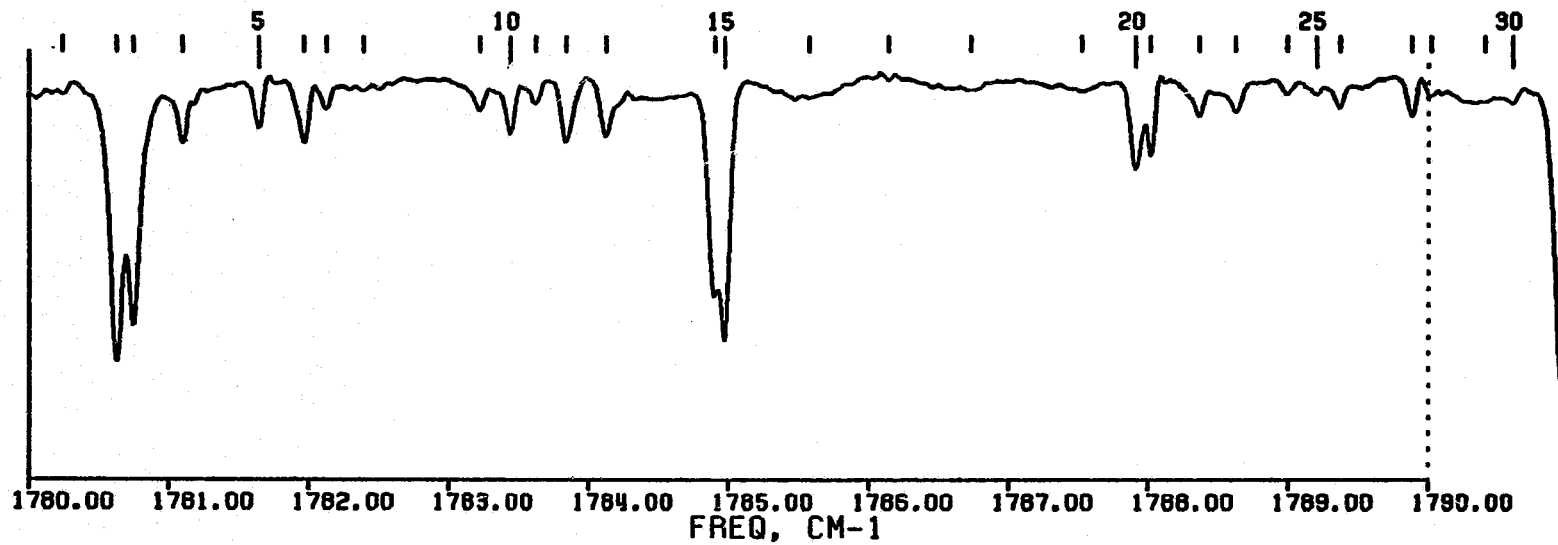


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10	62.637	62.792	62.915	63.050	63.528	63.649	63.742	63.940	64.148	64.612
20	64.796	65.385	65.531	66.509	66.652	67.100	67.305	67.605	67.751	67.914
30	68.121	68.313	68.667	69.066	69.226	69.566	69.720	69.969	70.388	70.858
40	71.286	71.819	72.015	72.716	73.372	73.670	73.899	74.124	74.553	74.814
50	75.635	76.482	76.793	77.025	77.533	78.036	78.283	78.430	78.546	78.756
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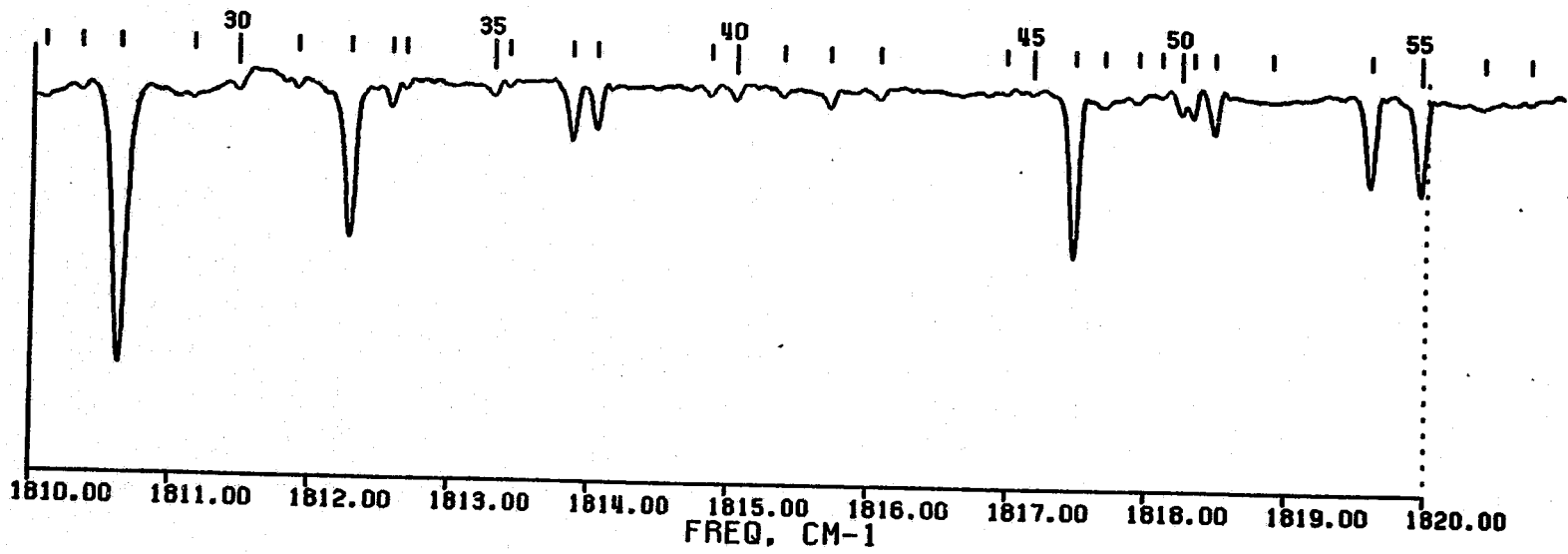
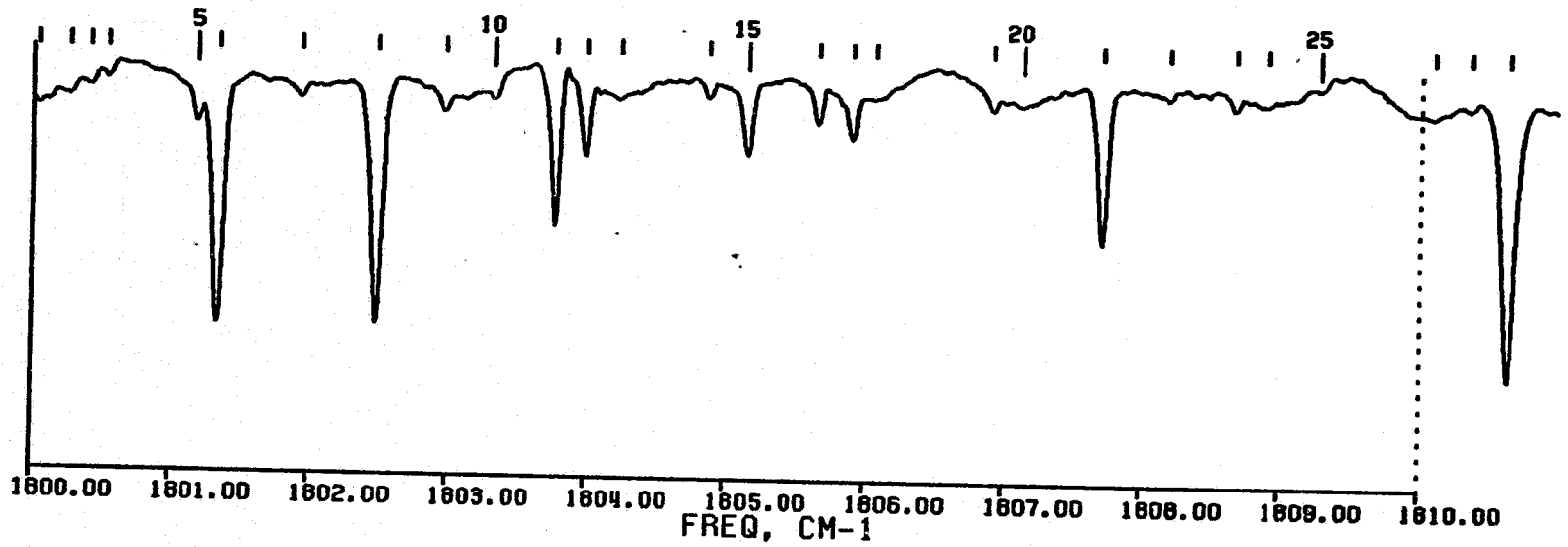


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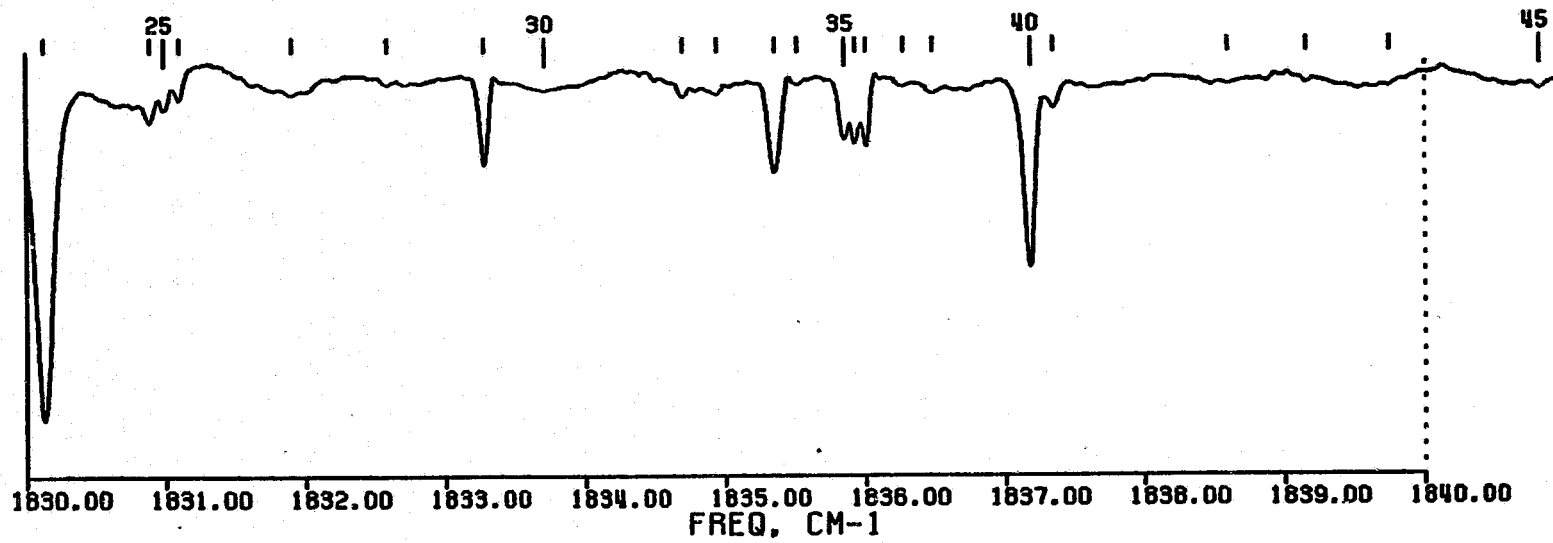
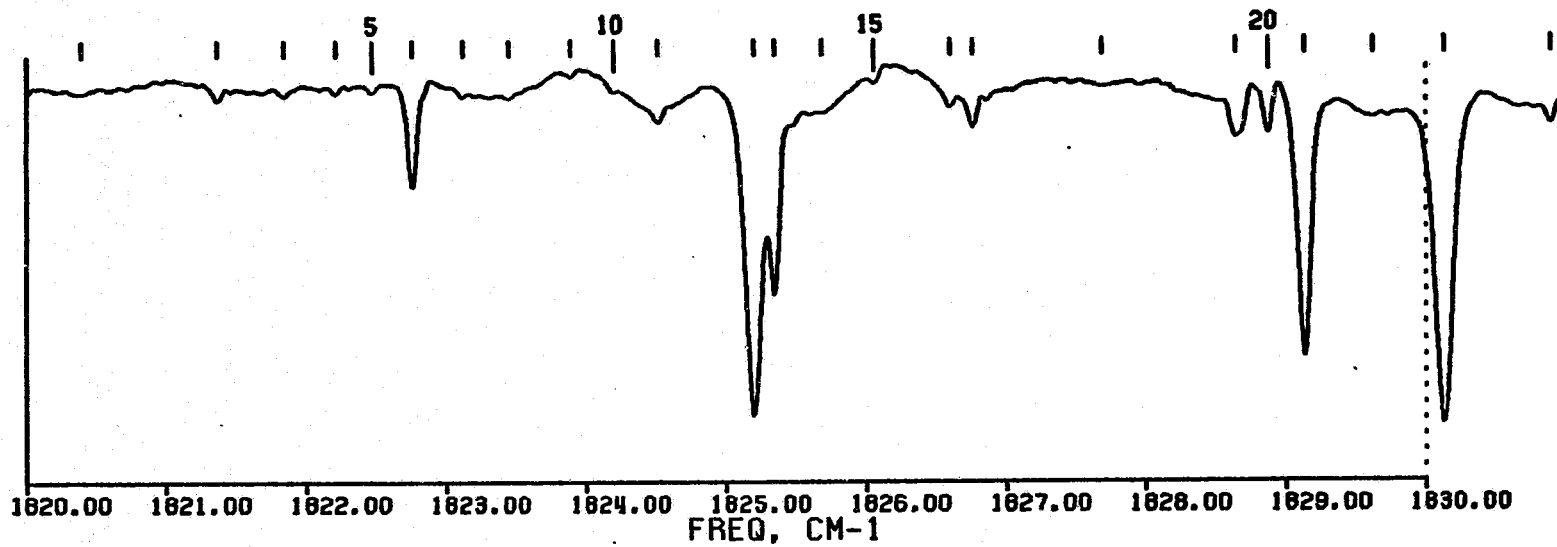
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10	3.323	3.771	3.985	4.228	4.871	5.149	5.658	5.904	6.062	6.913
20	7.127	7.707	8.186	8.659	8.892	9.273	10.090	10.349	10.629	11.151
30	11.476	11.898	12.280	12.572	12.669	13.307	13.415	13.870	14.045	14.860
40	15.040	15.376	15.708	16.067	16.970	17.163	17.464	17.677	17.917	18.089
50	18.235	18.318	18.473	18.883	19.592	19.951	20.396	20.728		



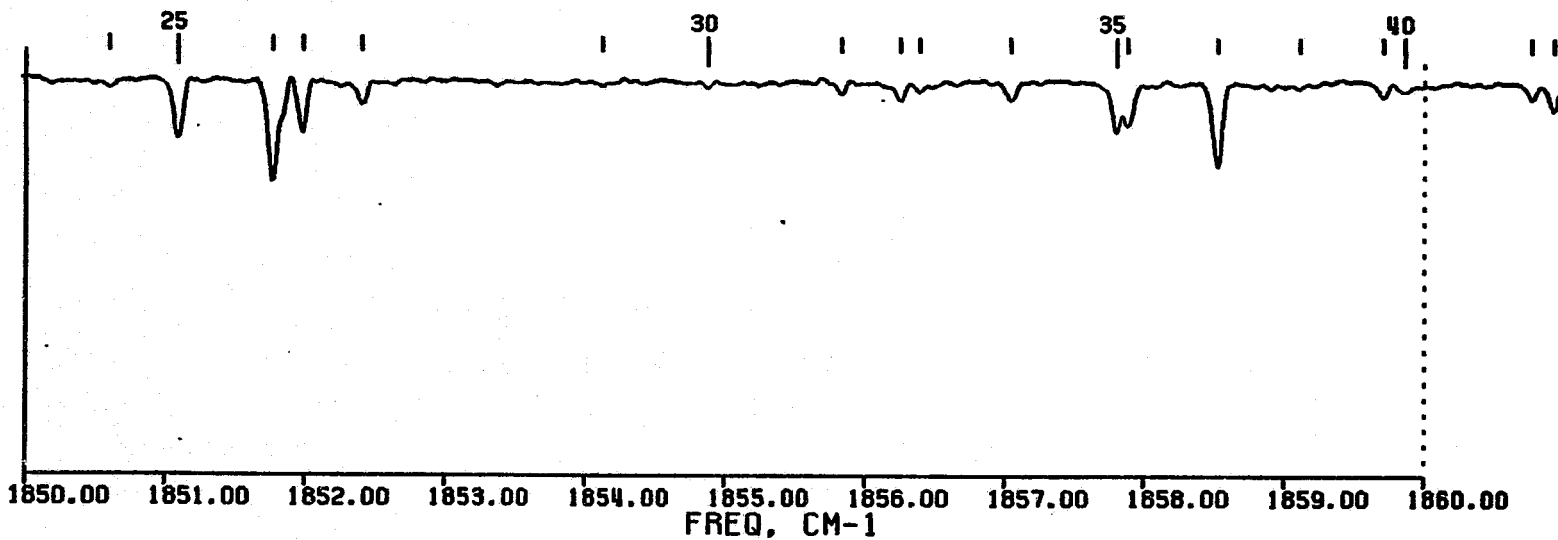
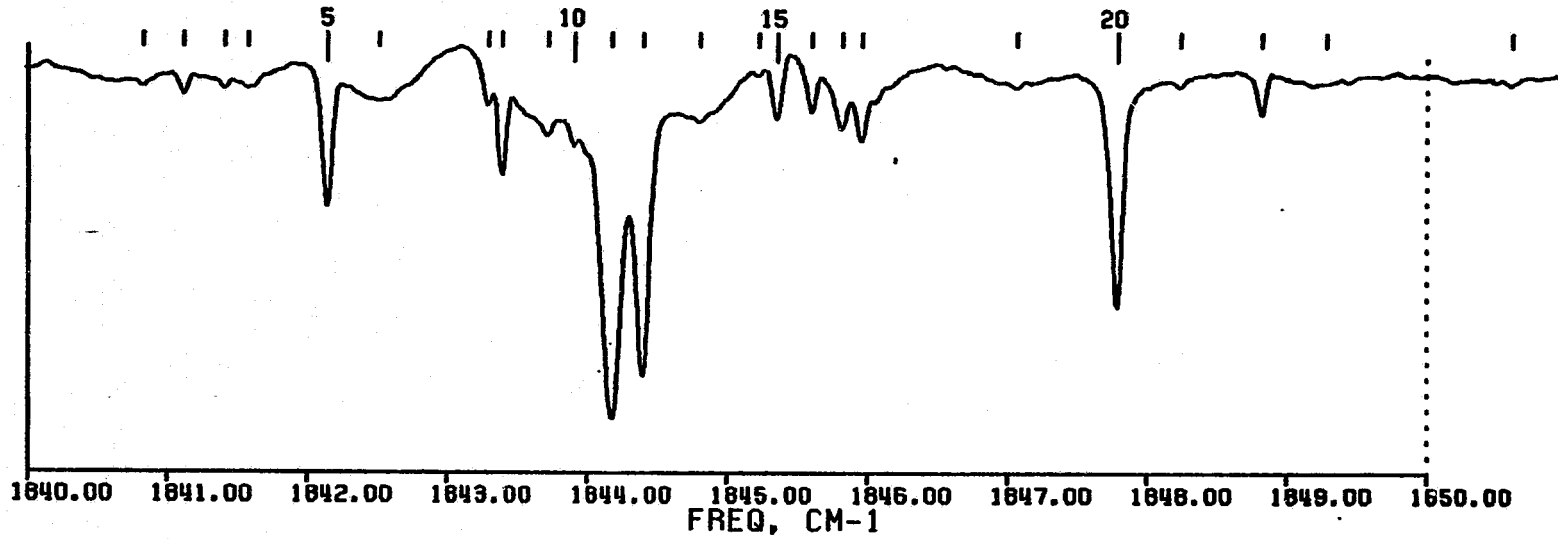
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10	24.205	24.521	25.201	25.348	25.691	26.060	26.604	26.766	27.690	28.643
20	28.871	29.132	29.624	30.129	30.890	30.993	31.099	31.904	32.589	33.282
30	33.712	34.703	34.945	35.357	35.521	35.857	35.929	36.012	36.277	36.487
40	37.182	37.349	38.595	39.155	39.744	40.819				



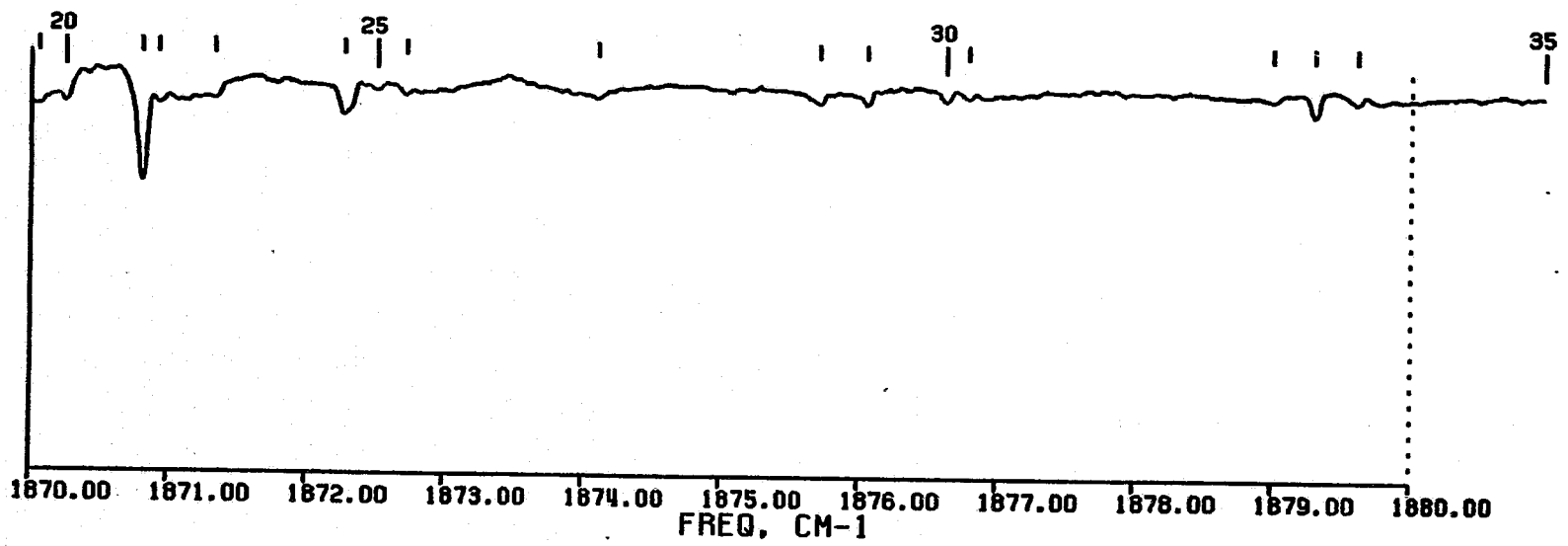
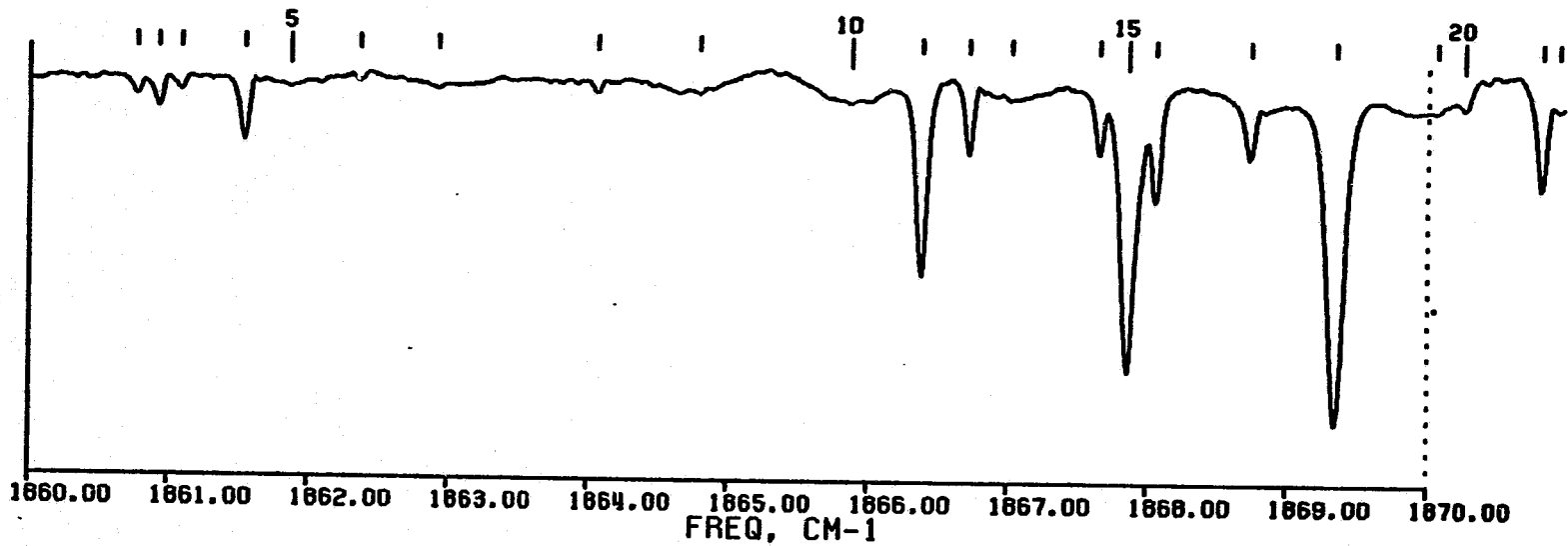
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10	43.912	44.176	44.397	44.807	45.224	45.355	45.602	45.819	47.067
20	47.785	48.232	48.817	49.276	50.600	51.088	51.767	51.981	54.128
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40	59.858	60.764	60.920						



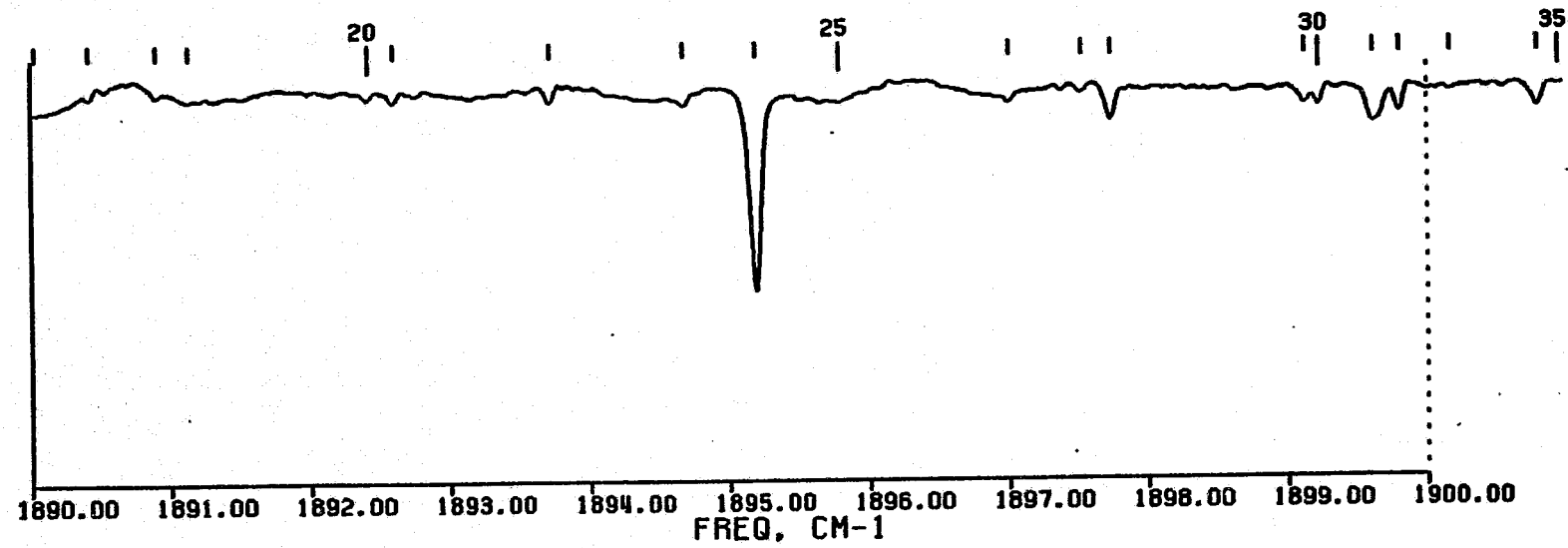
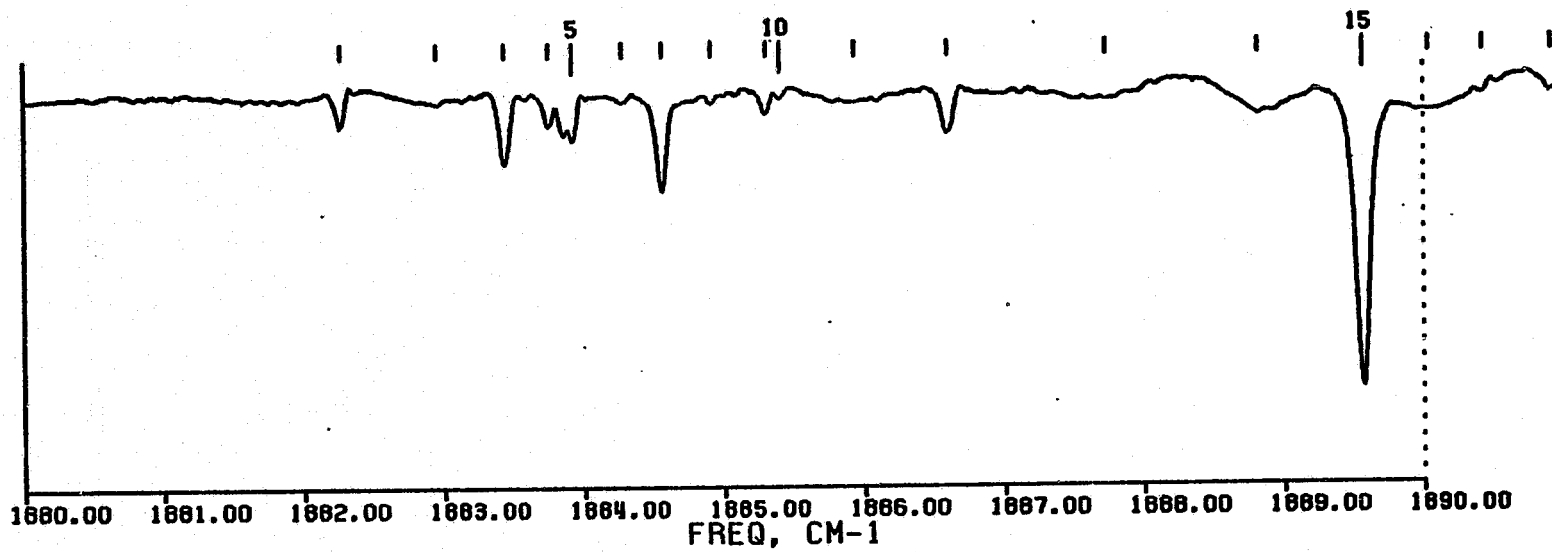
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10	65.873	66.383	66.717	67.017	67.649	67.857	68.054	68.729	69.342	70.059
20	70.256	70.810	70.930	71.336	72.268	72.508	72.718	74.109	75.718	76.059
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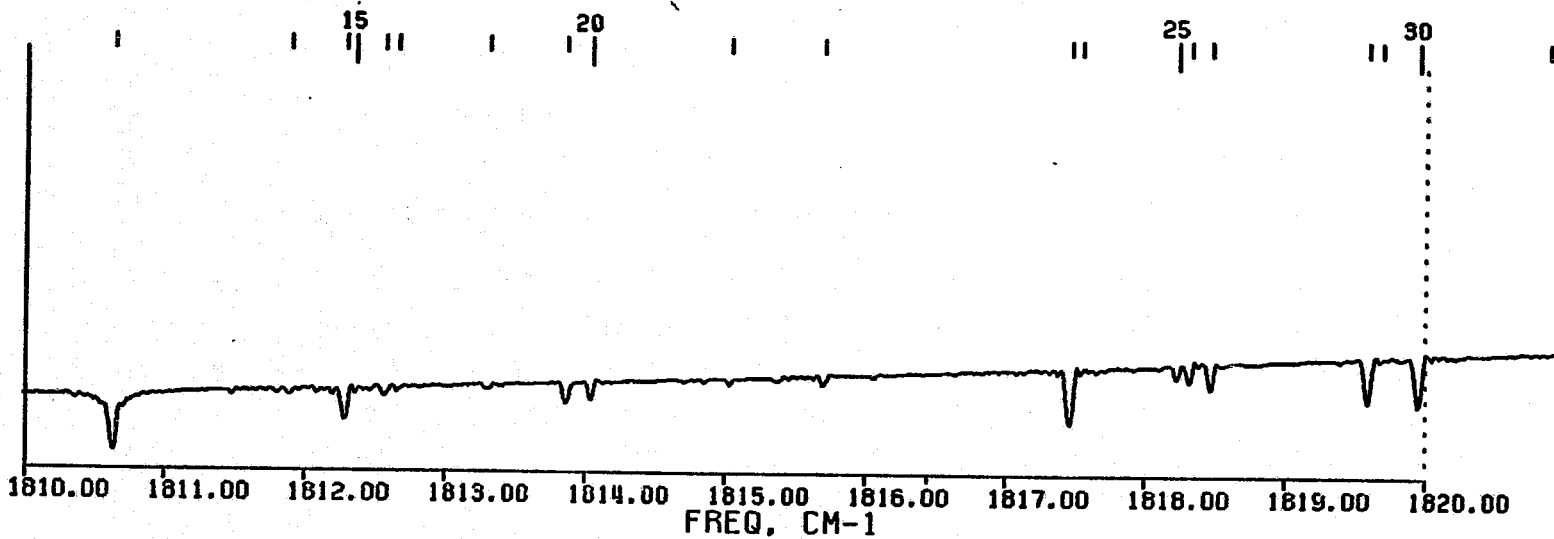
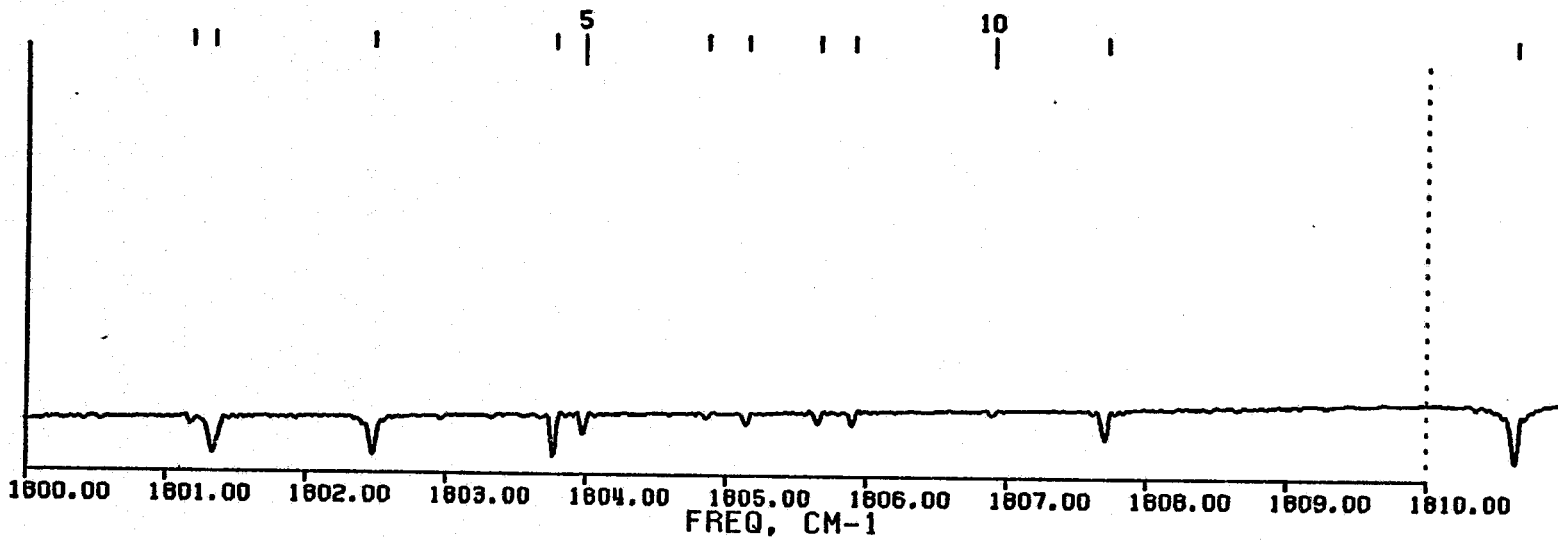


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20	92.416	92.597	93.718	94.679	95.198	95.794	97.007	97.525	97.739	99.127
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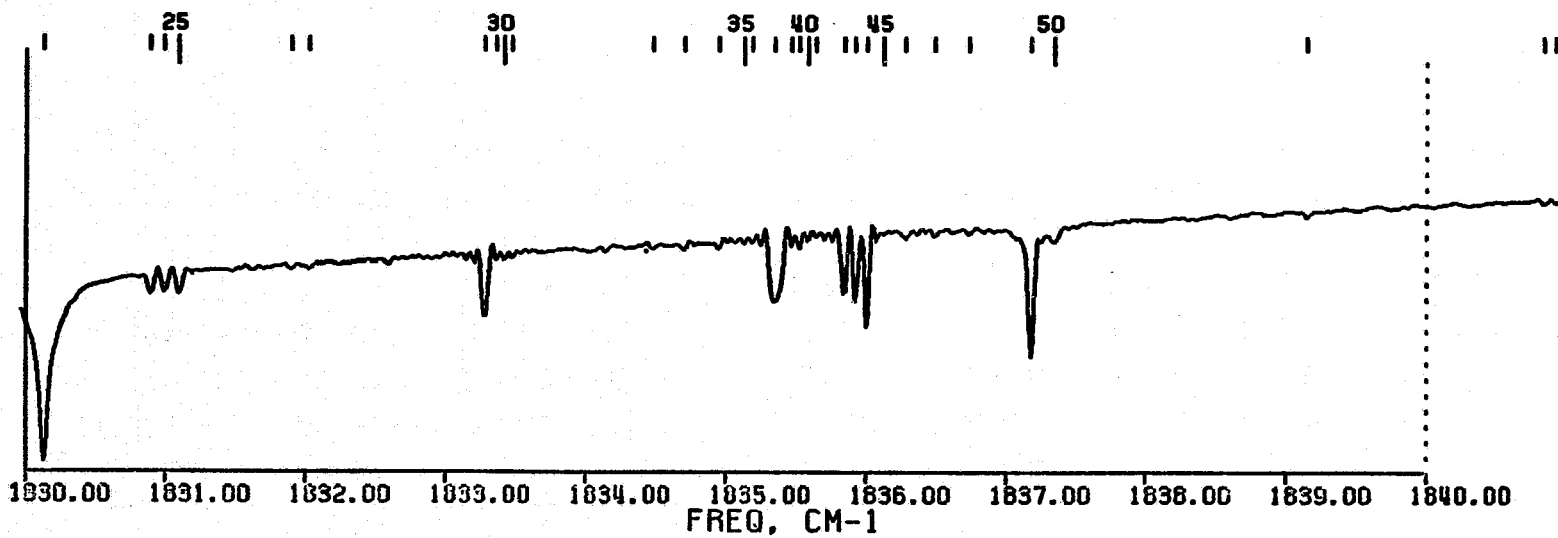
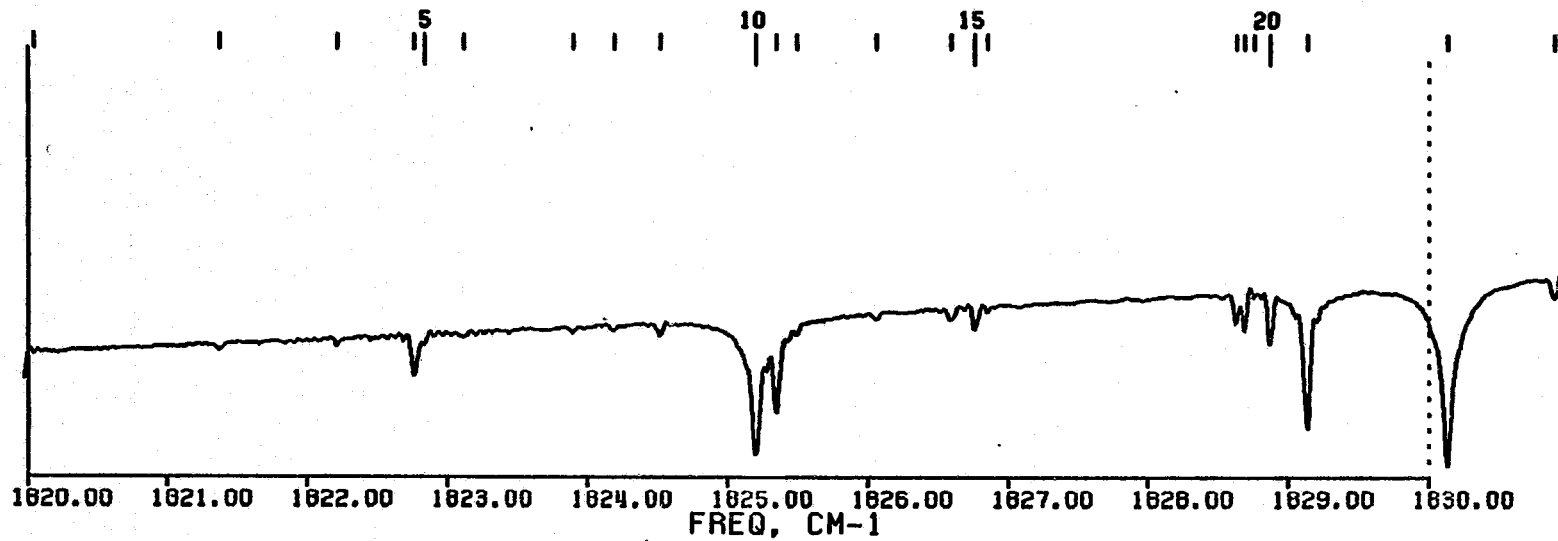


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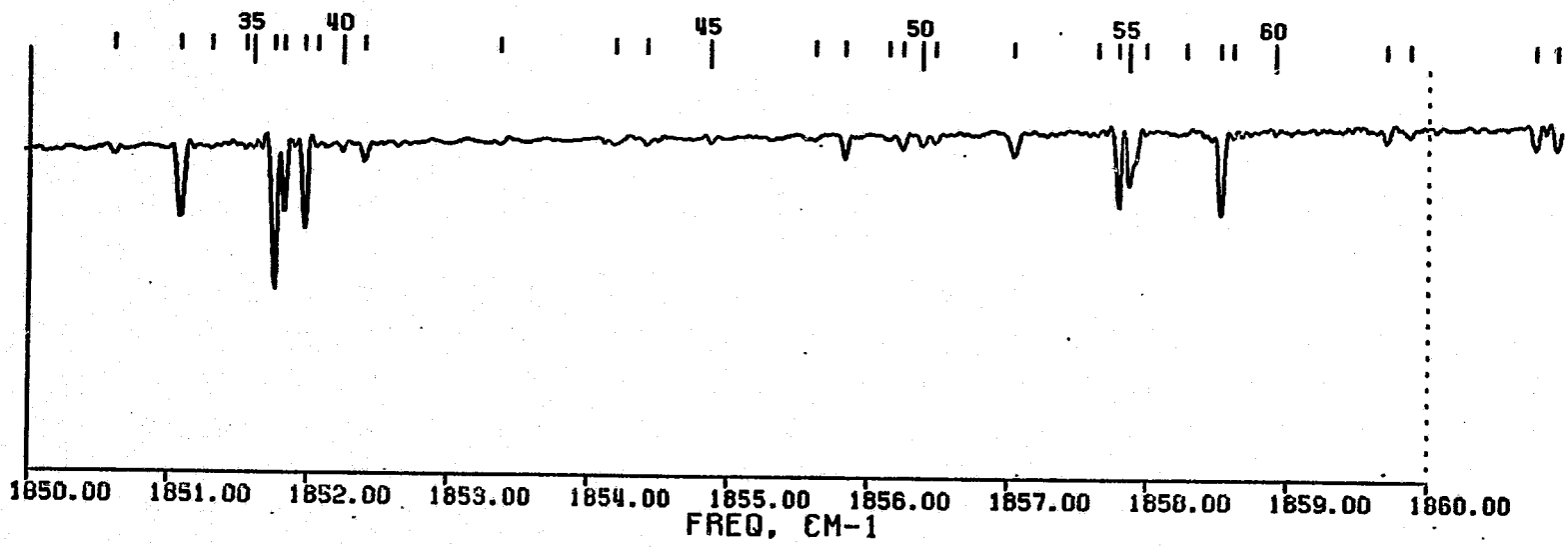
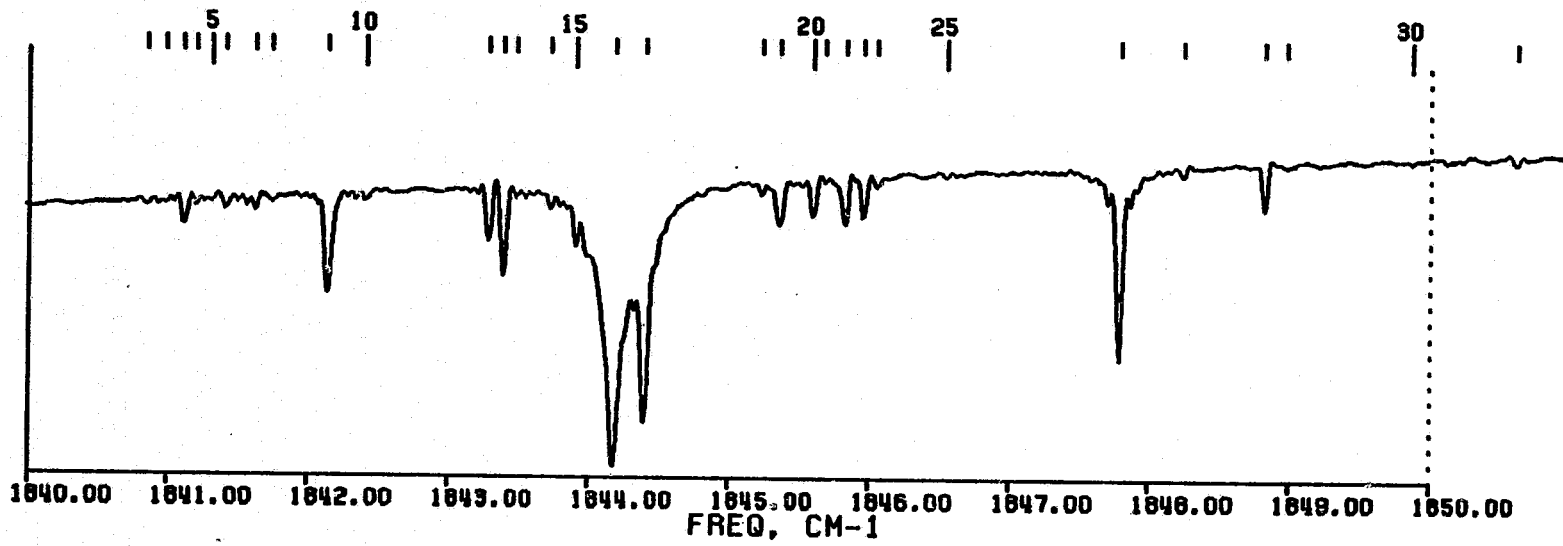
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20	28.867	29.133	30.131	30.893	30.993	31.097	31.901	32.026	33.279	33.362
30	33.416	33.477	34.484	34.705	34.949	35.132	35.191	35.350	35.469	35.525
40	35.586	35.647	35.848	35.924	36.007	36.128	36.284	36.492	36.740	37.161
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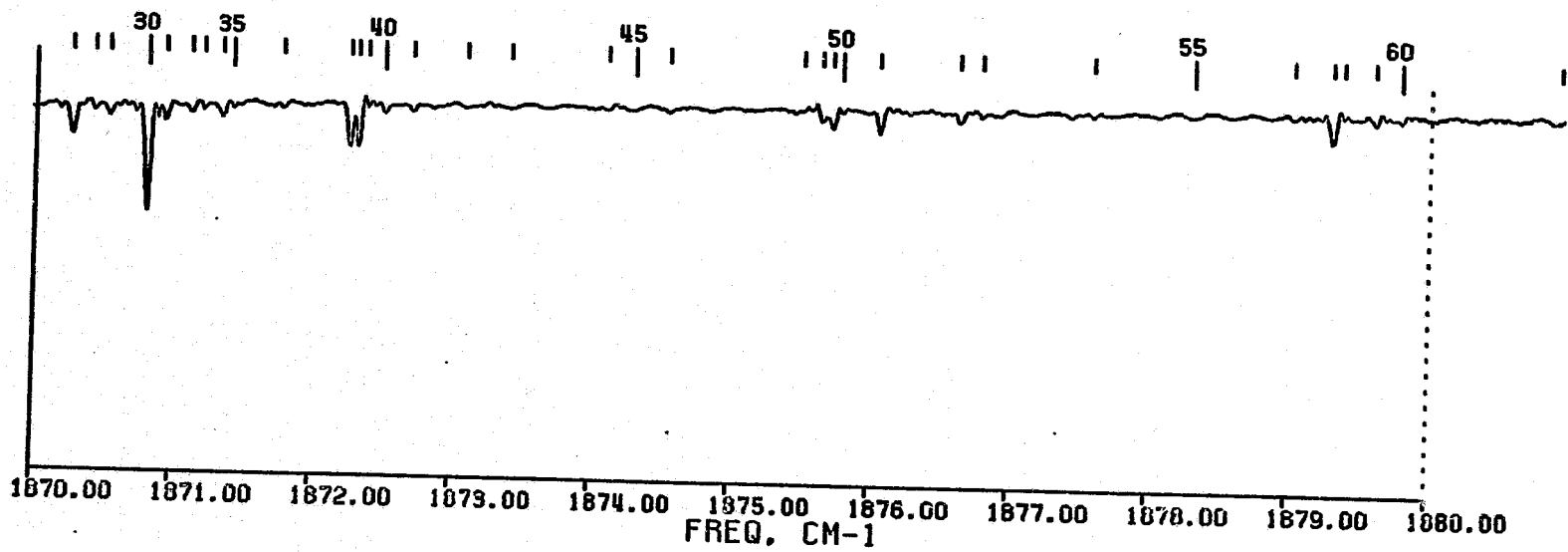
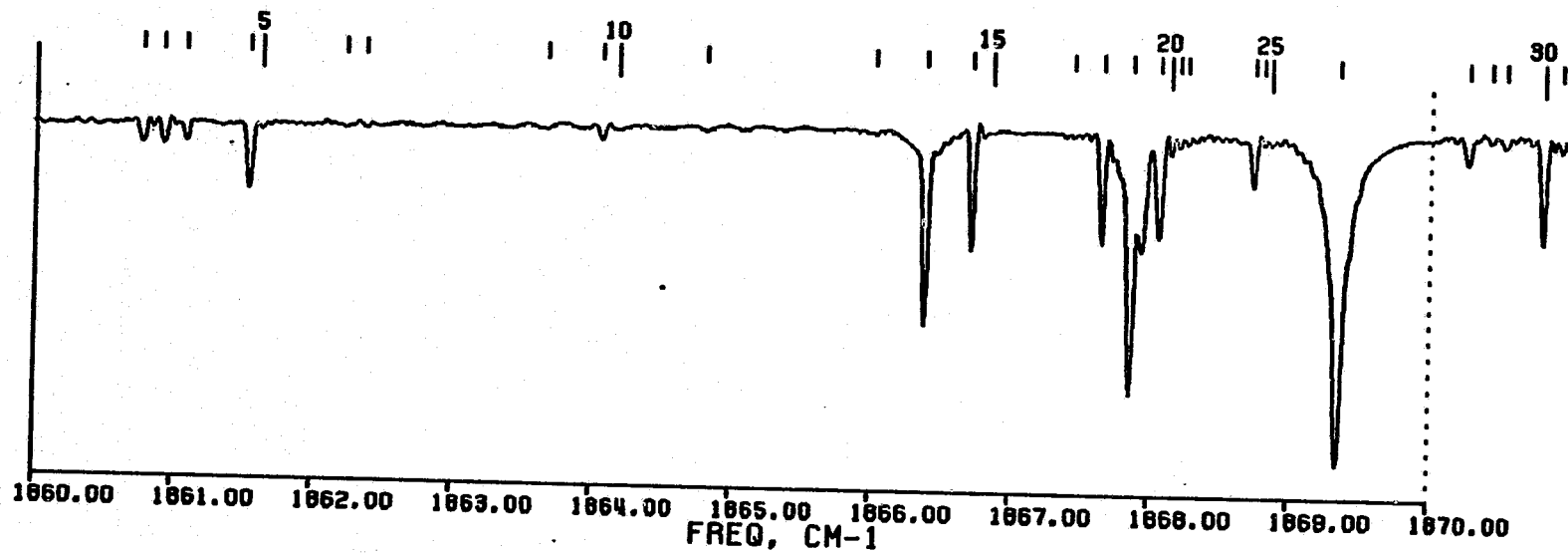
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20	45.595	45.683	45.826	45.954	46.051	46.548	47.785	48.235	48.813	48.971
30	49.869	50.613	51.085	51.312	51.555	51.613	51.763	51.830	51.978	52.065
40	52.247	52.402	53.373	54.193	54.421	54.877	55.623	55.834	56.152	56.248
50	56.388	56.478	57.040	57.638	57.789	57.862	57.981	58.270	58.518	58.605
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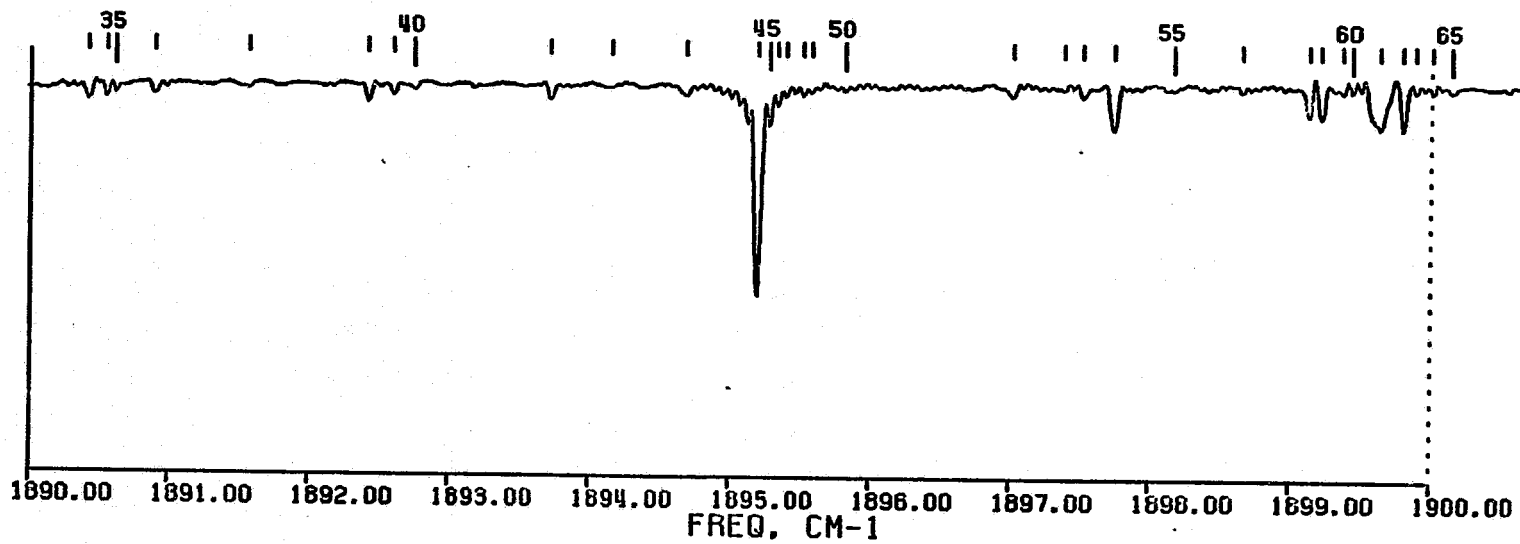
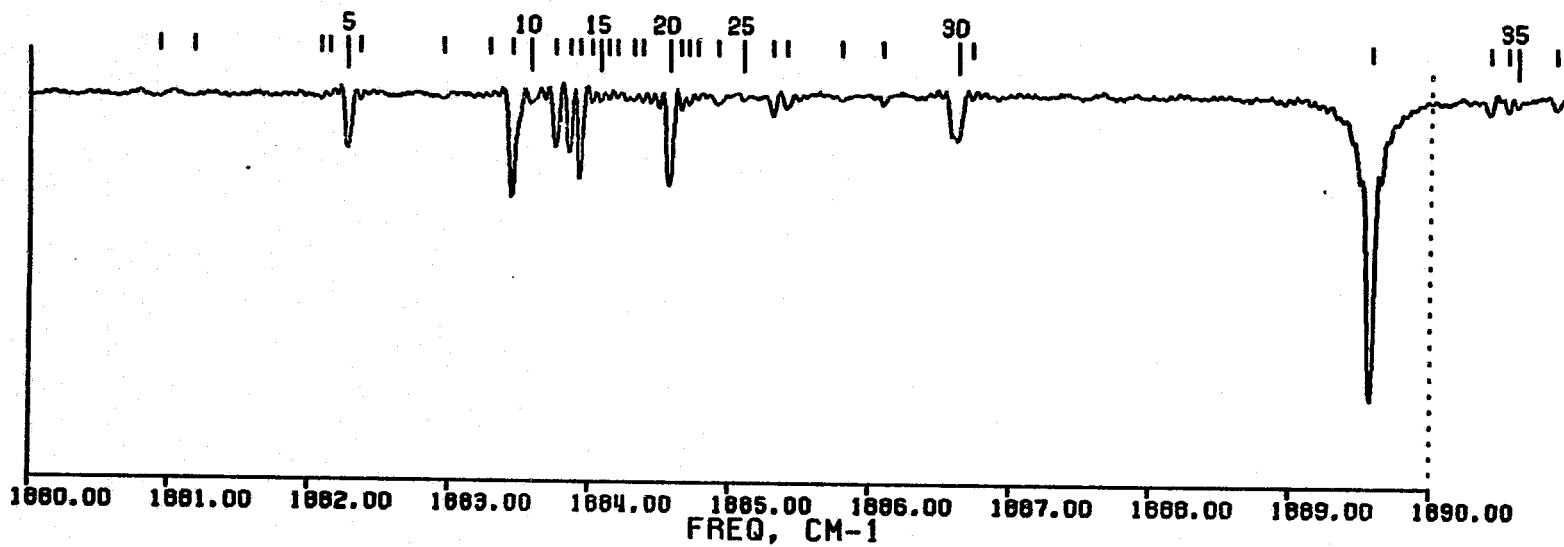
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20	68.132	68.191	68.250	68.729	68.798	68.853	69.343	70.264	70.424	70.532
30	70.807	70.932	71.119	71.208	71.340	71.418	71.775	72.255	72.316	72.385
40	72.504	72.706	73.093	73.403	74.104	74.300	74.547	75.505	75.641	75.718
50	75.786	76.054	76.628	76.786	77.587	78.302	79.022	79.300	79.376	79.603
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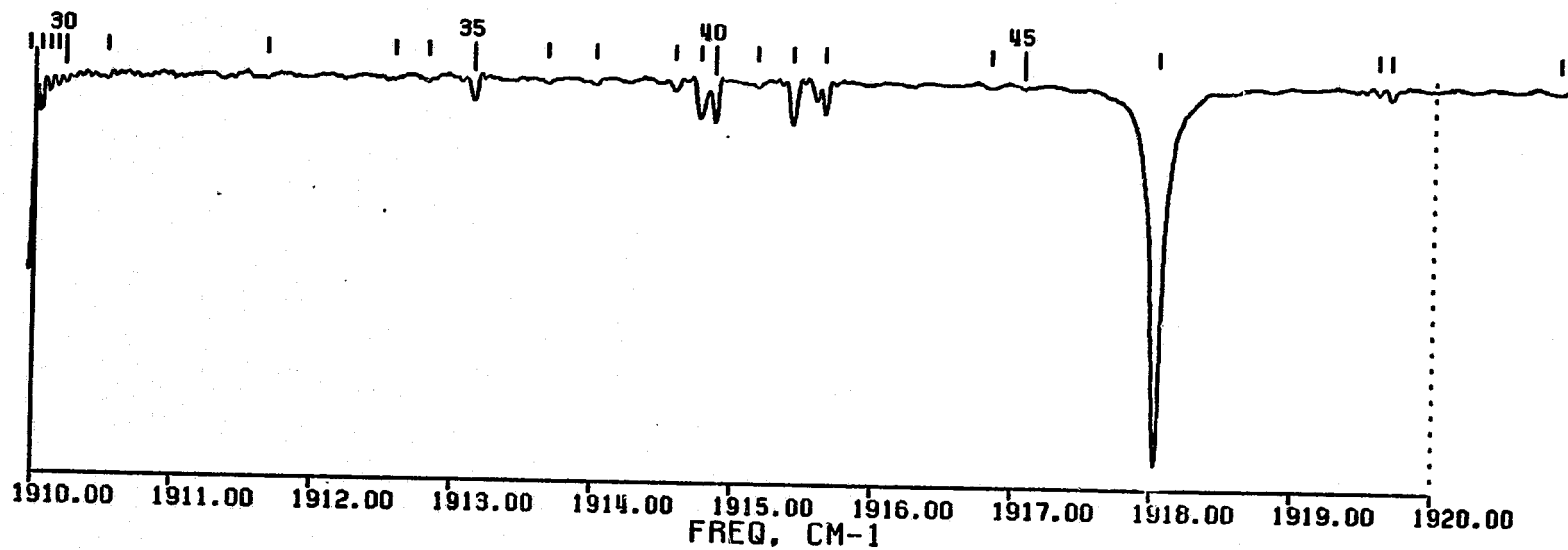
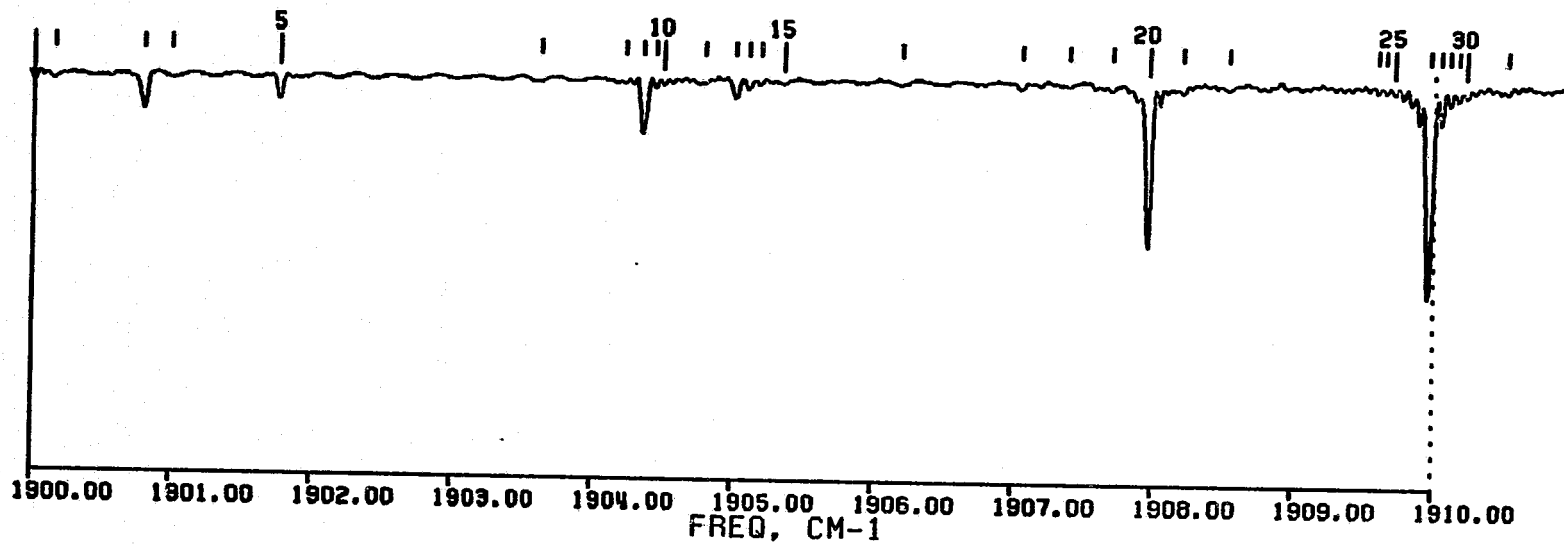
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10	83.571	83.750	83.851	83.921	84.010	84.070	84.129	84.190	84.306	84.369
20	84.564	84.646	84.702	84.762	84.909	85.095	85.302	85.401	85.794	86.089
30	86.622	86.720	89.570	90.419	90.546	90.613	90.889	91.561	92.414	92.595
40	92.743	93.715	94.154	94.684	95.195	95.279	95.339	95.397	95.520	95.579
50	95.820	97.014	97.382	97.516	97.737	98.167	98.653	99.129	99.218	99.371
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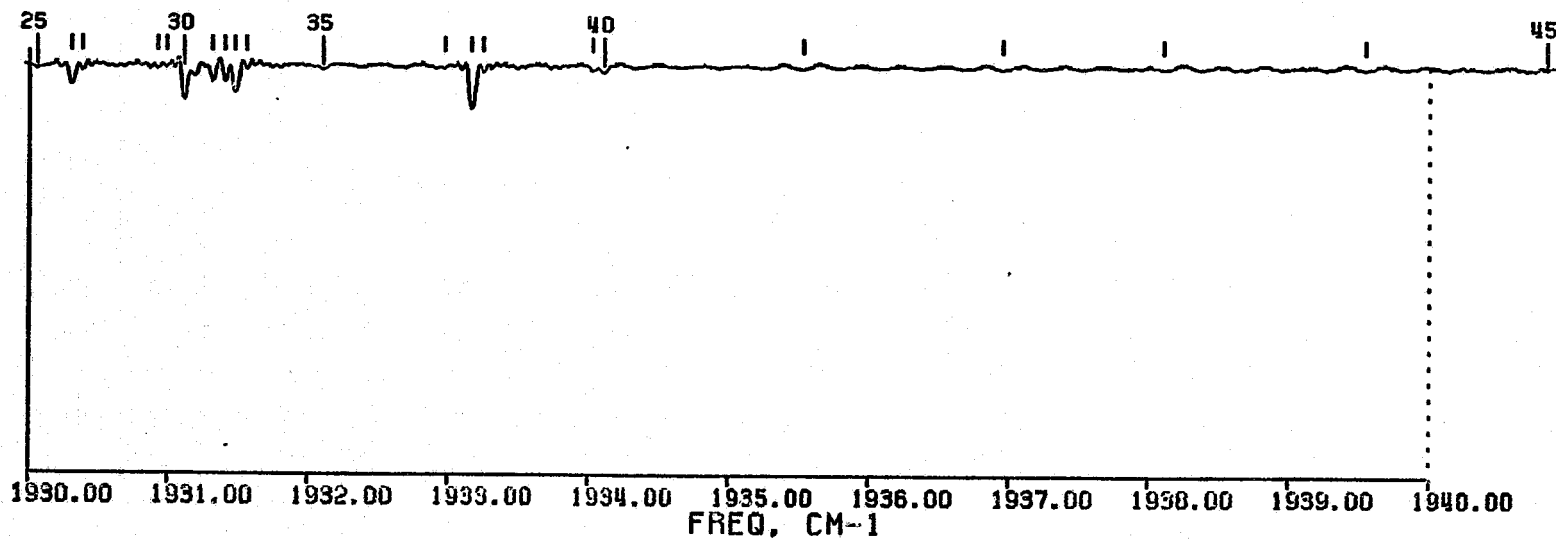
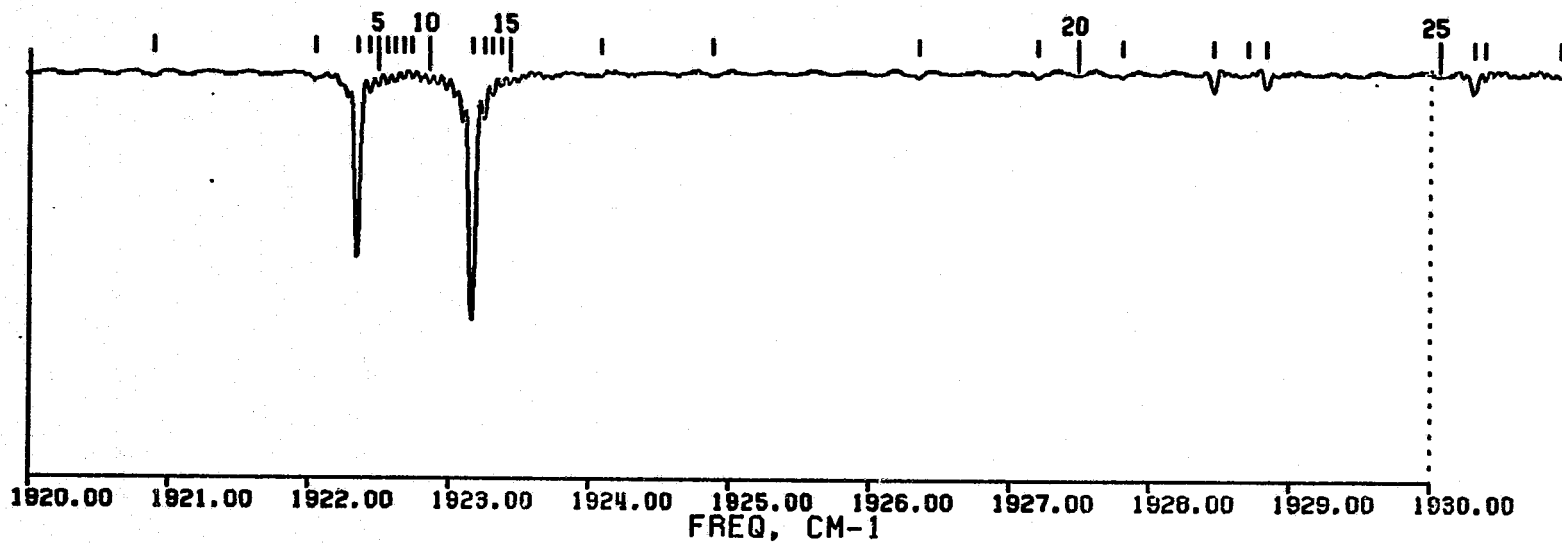
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10	4.500	4.793	5.011	5.104	5.188	5.358	6.195	7.050	7.695	
20	7.961	8.201	8.533	9.592	9.651	9.711	9.962	10.044	10.165	
30	10.224	10.520	11.661	12.569	12.812	13.140	13.663	14.010	14.756	
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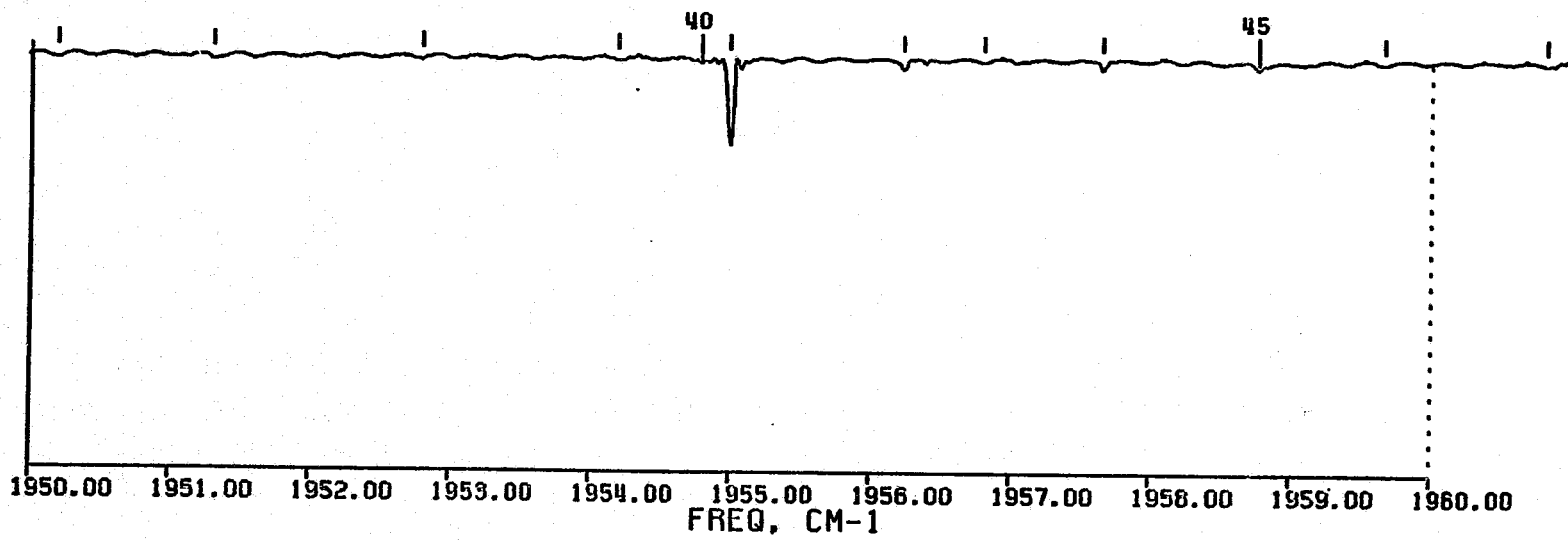
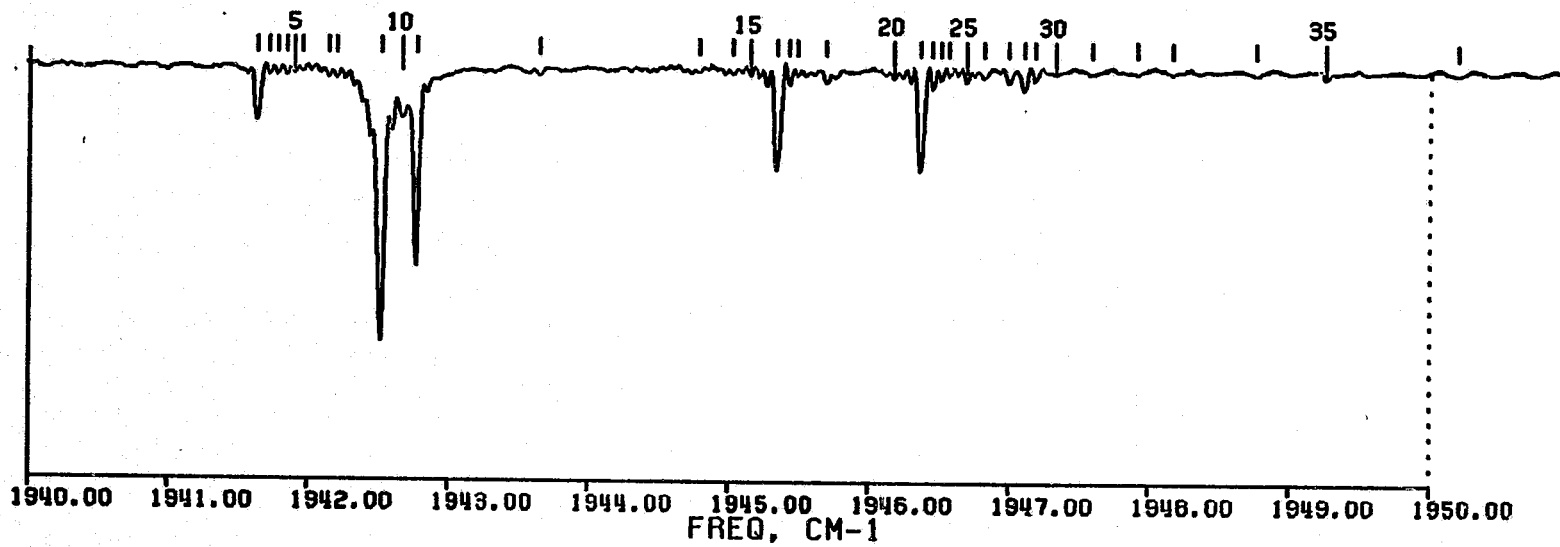
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20	27.479	27.793	28.449	28.691	28.823	30.059	30.304	30.382	30.923
30	31.110	31.315	31.405	31.476	31.559	32.106	32.969	33.163	33.247
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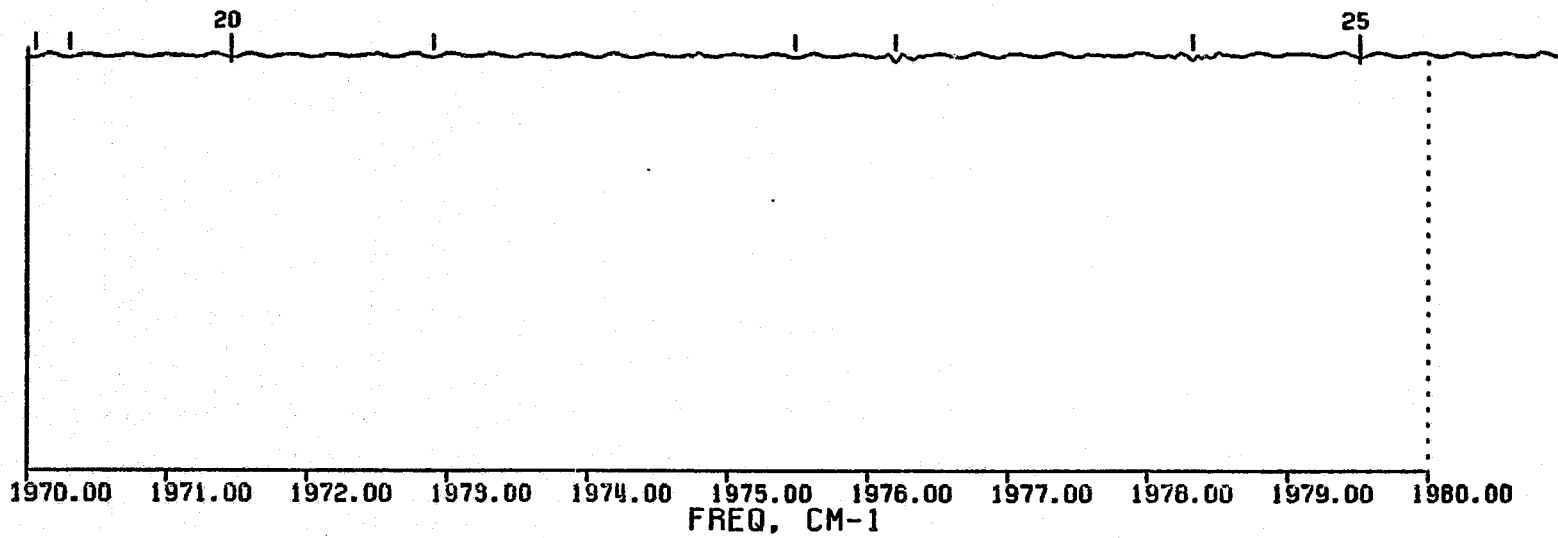
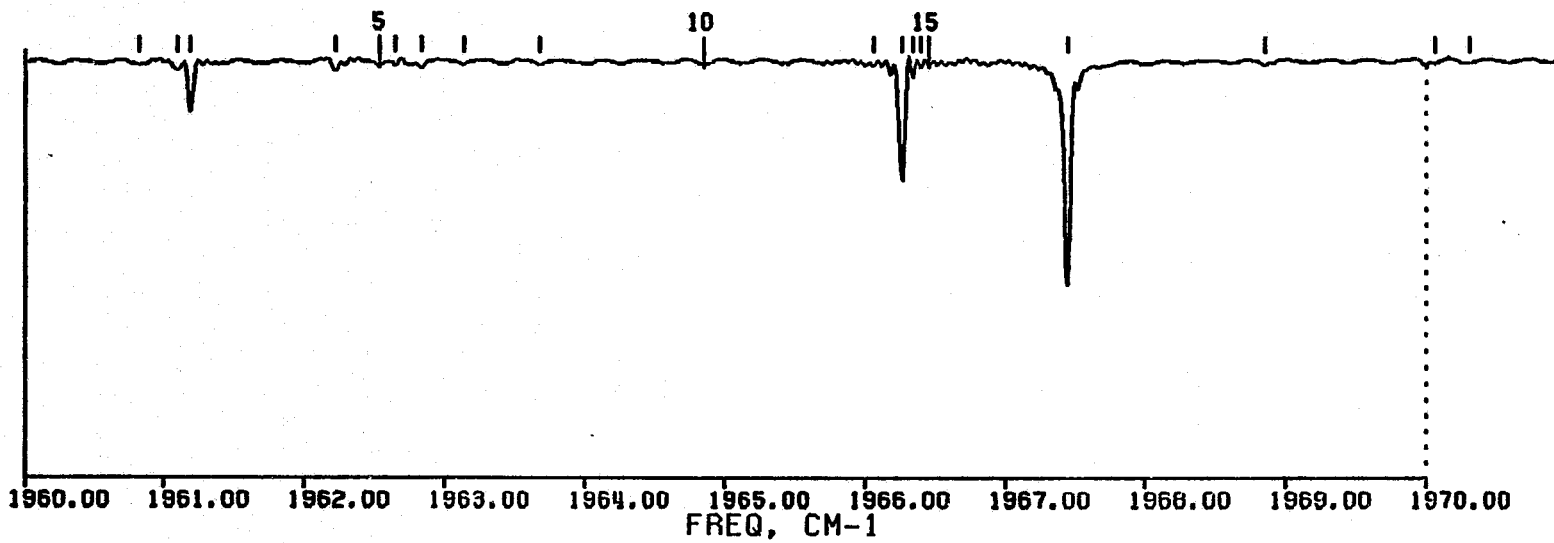
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10	42.664	42.765	43.642	44.782	45.025	45.146	45.337	45.423	45.482	45.690
20	46.171	46.362	46.446	46.505	46.564	46.686	46.812	46.990	47.100	47.176
30	47.325	47.585	47.905	48.157	48.754	49.249	50.194	51.305	52.795	54.194
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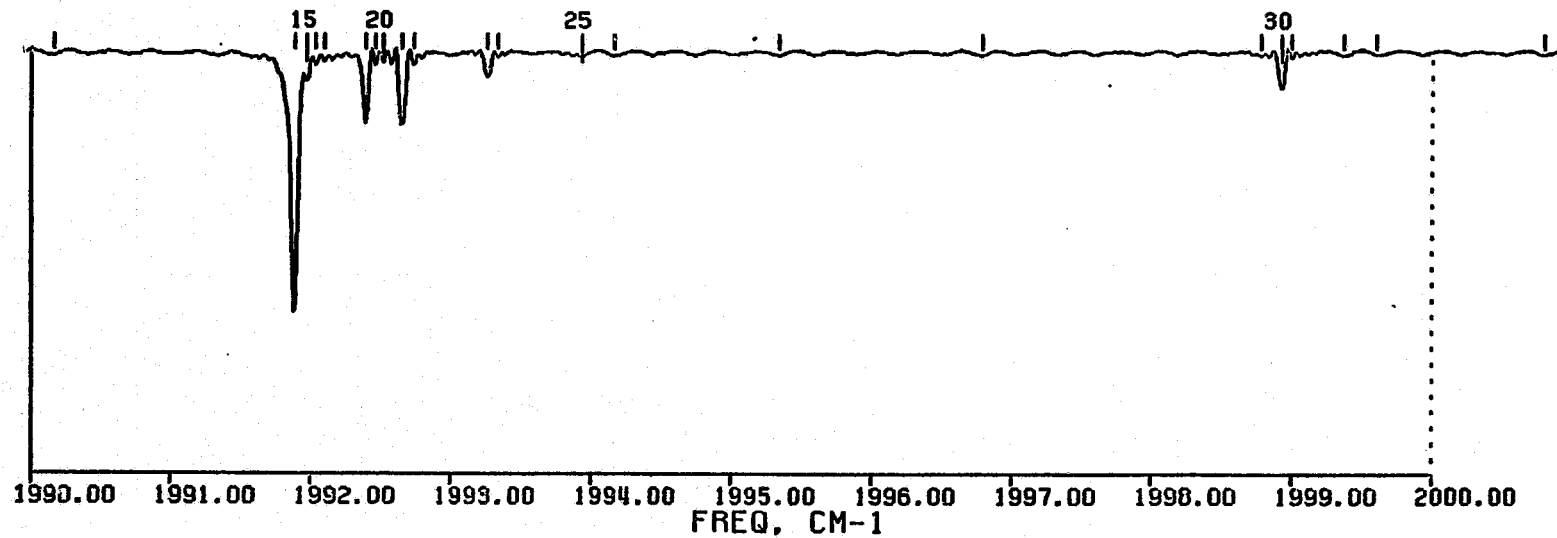
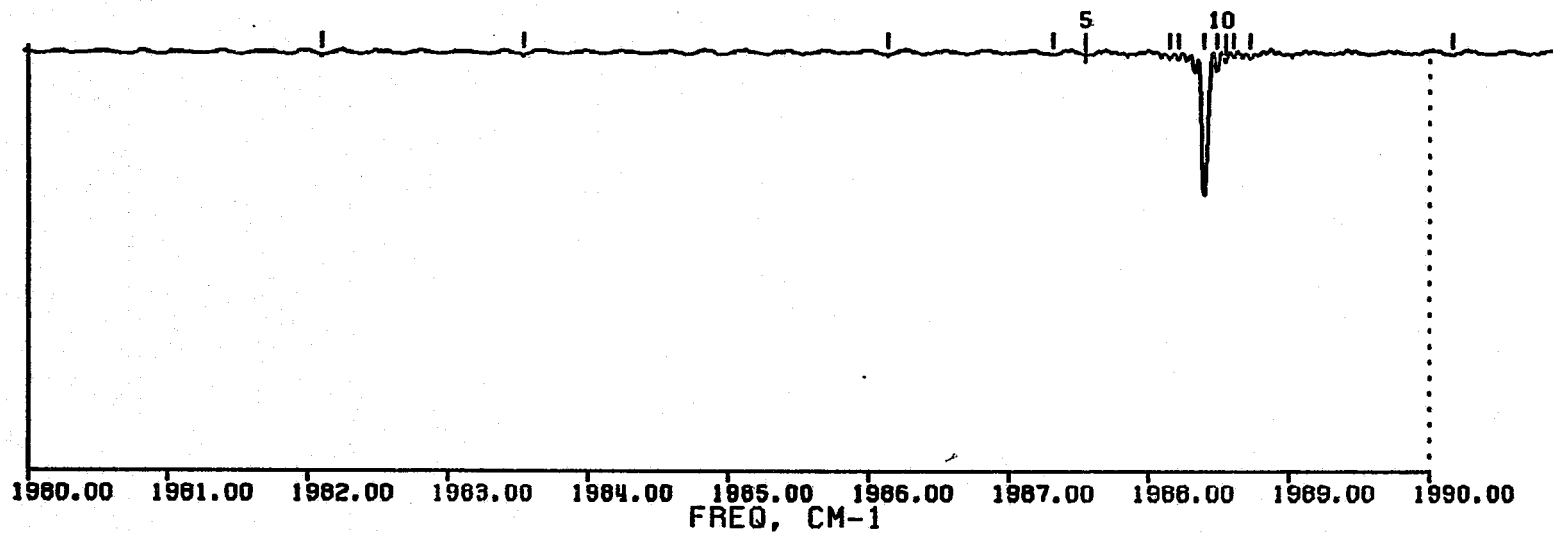
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10	64.848	66.057	66.264	66.335	66.393	66.453	67.443	68.849	70.062	70.304
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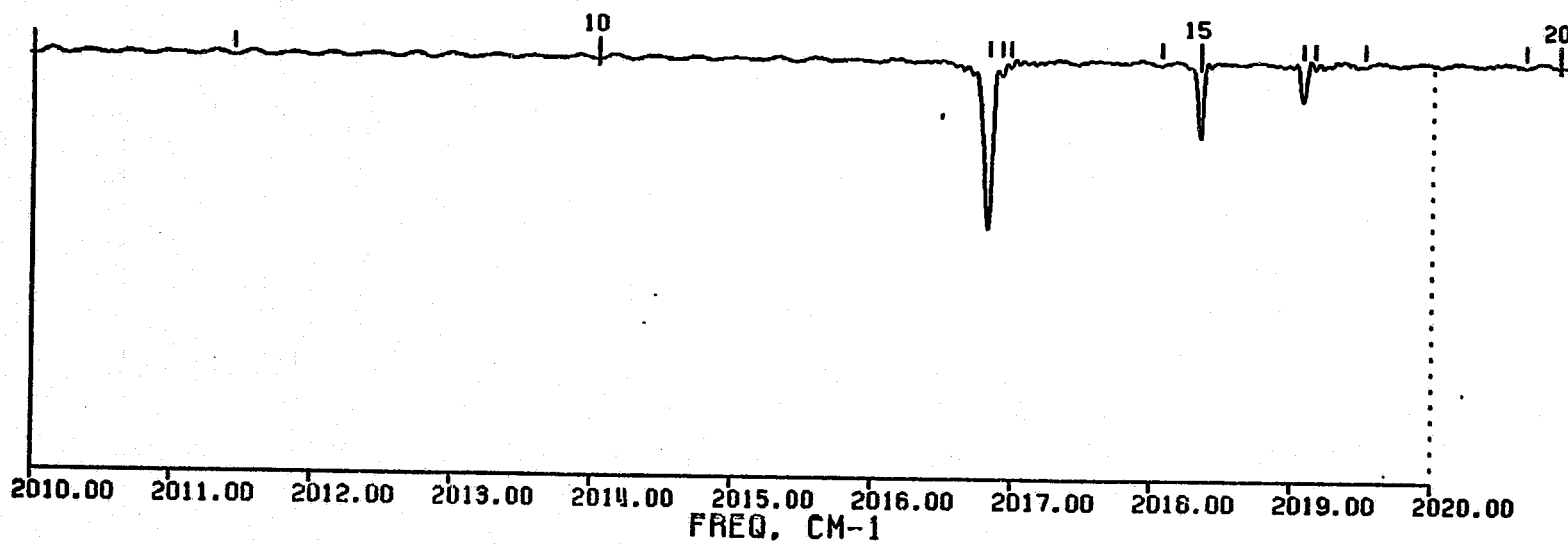
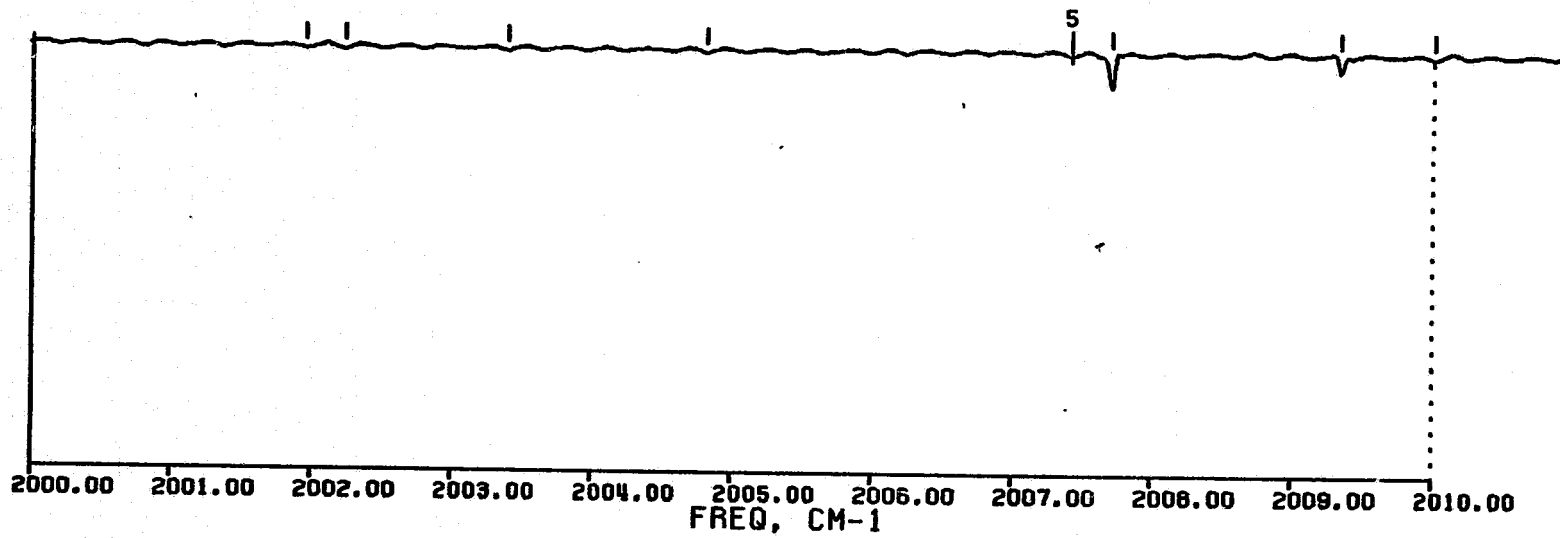


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10	88.540	88.599	88.720	90.162	91.884	91.970	92.034	92.096	92.391	92.459
20	92.516	92.648	92.732	93.261	93.334	93.935	94.167	95.343	96.792	98.782
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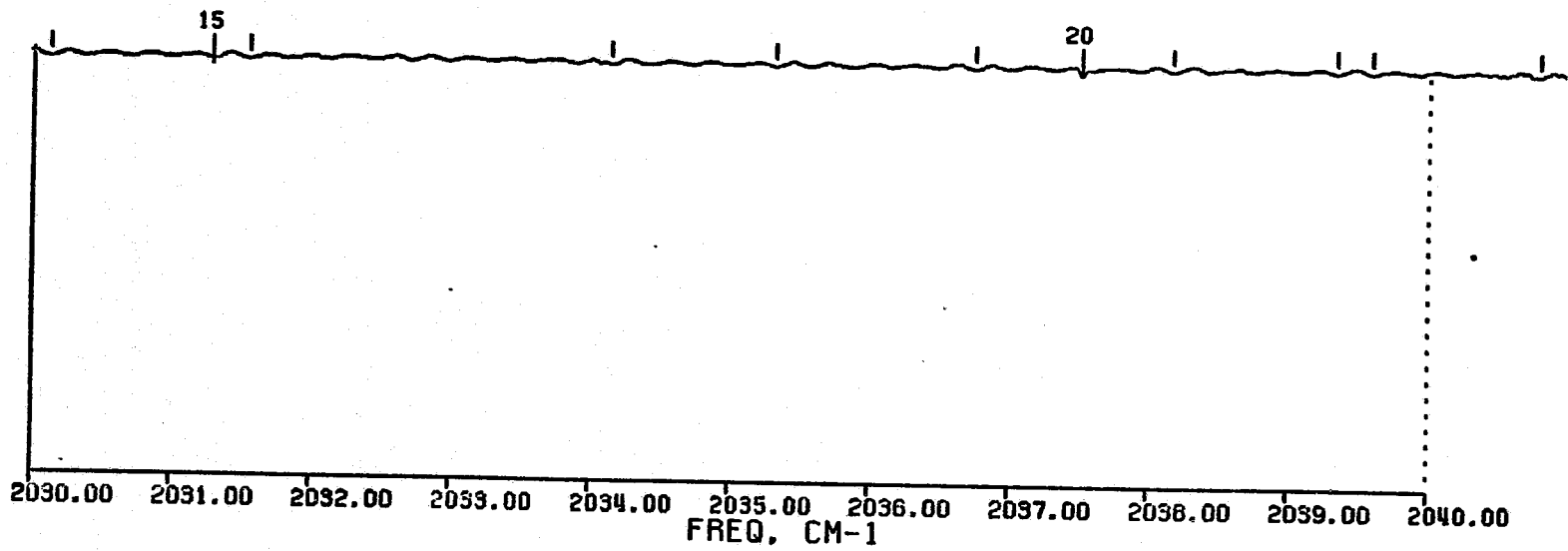
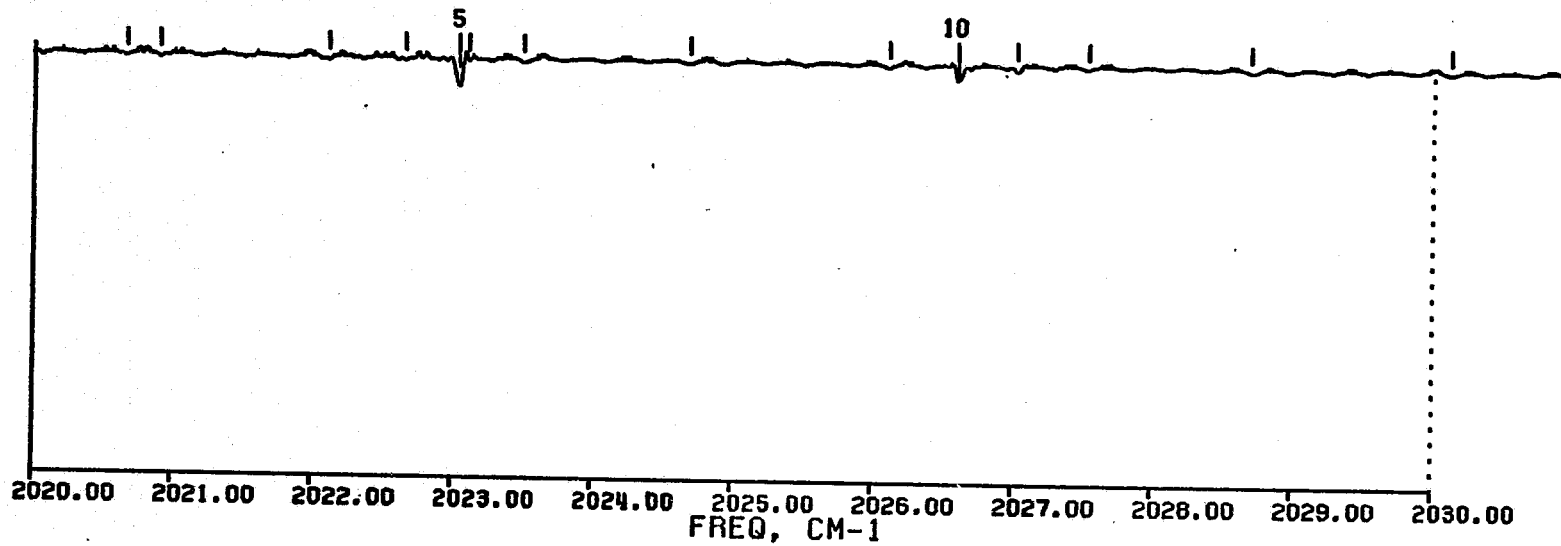


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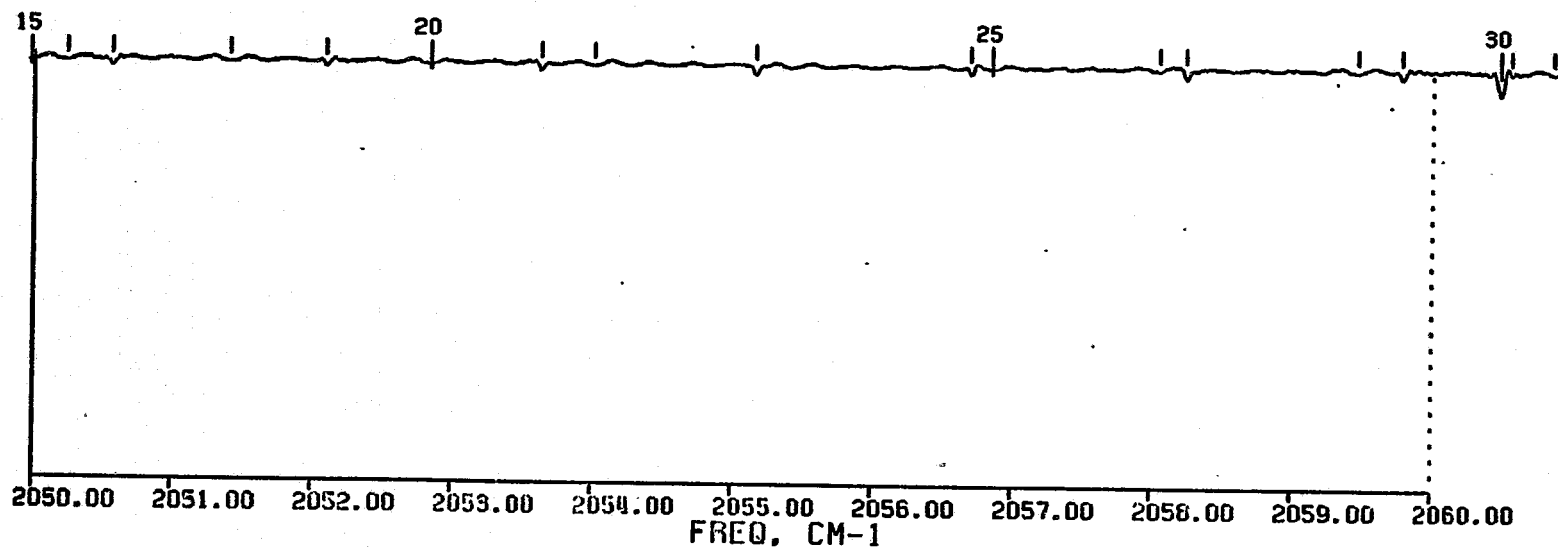
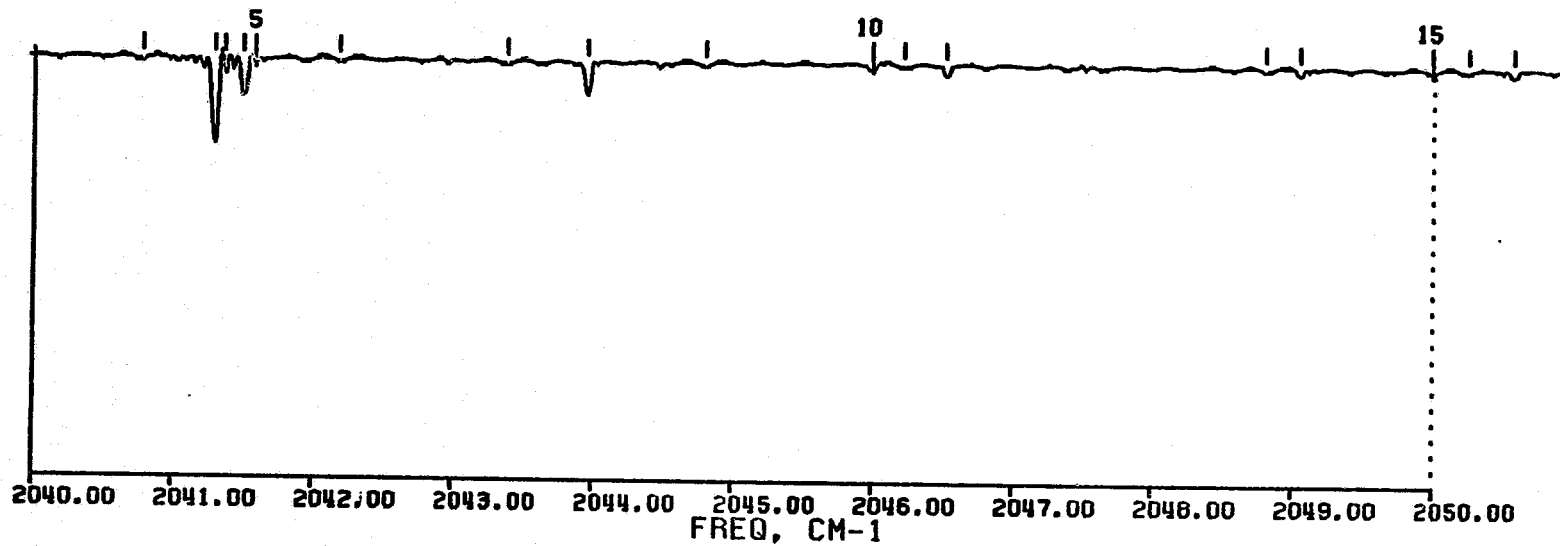
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10	26.600	27.019	27.525	28.692	30.121	31.288	31.548	34.139	35.317	36.744
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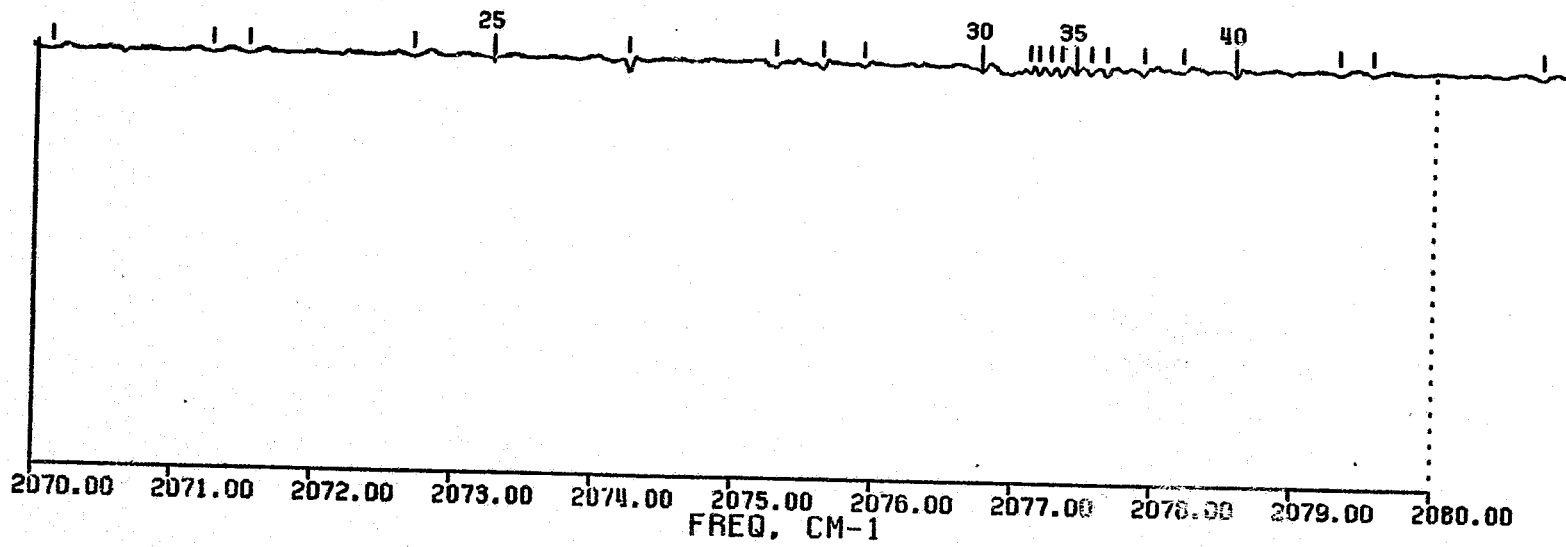
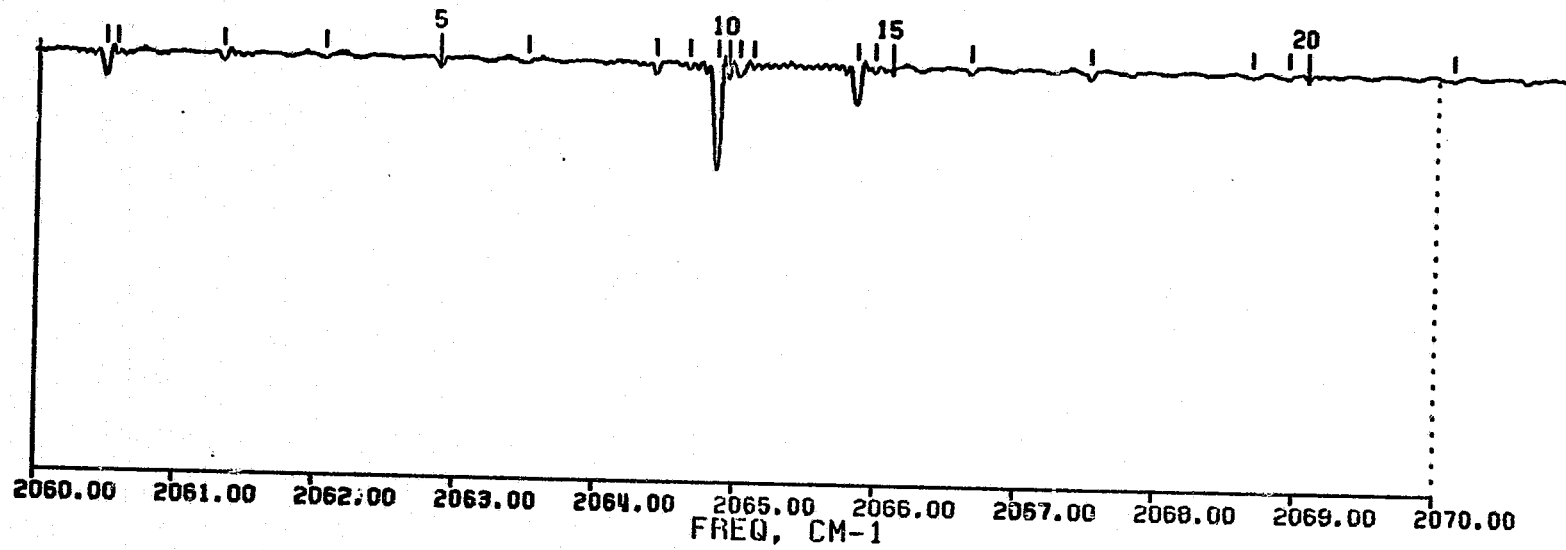
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10	45.985	46.214	46.514	48.794	49.040	49.985	50.242	50.563	51.406	52.092
20	52.838	53.627	54.007	55.162	56.697	56.850	58.047	58.238	59.459	59.778
30	60.484	60.562	60.862							



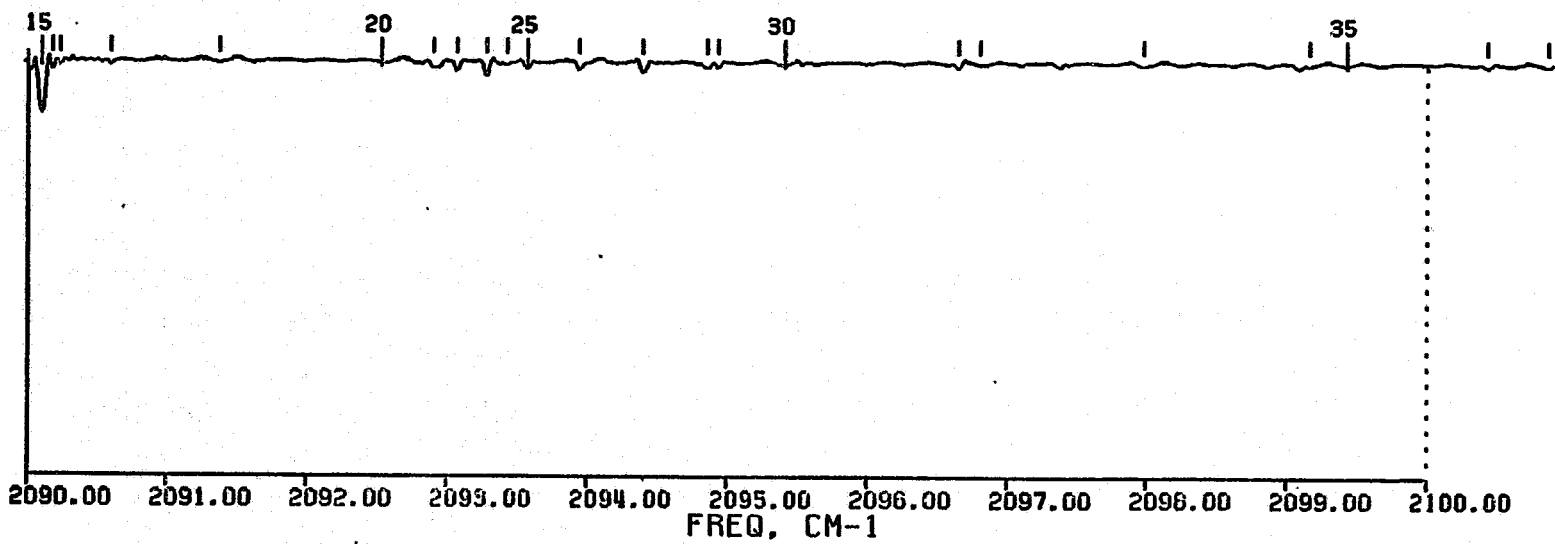
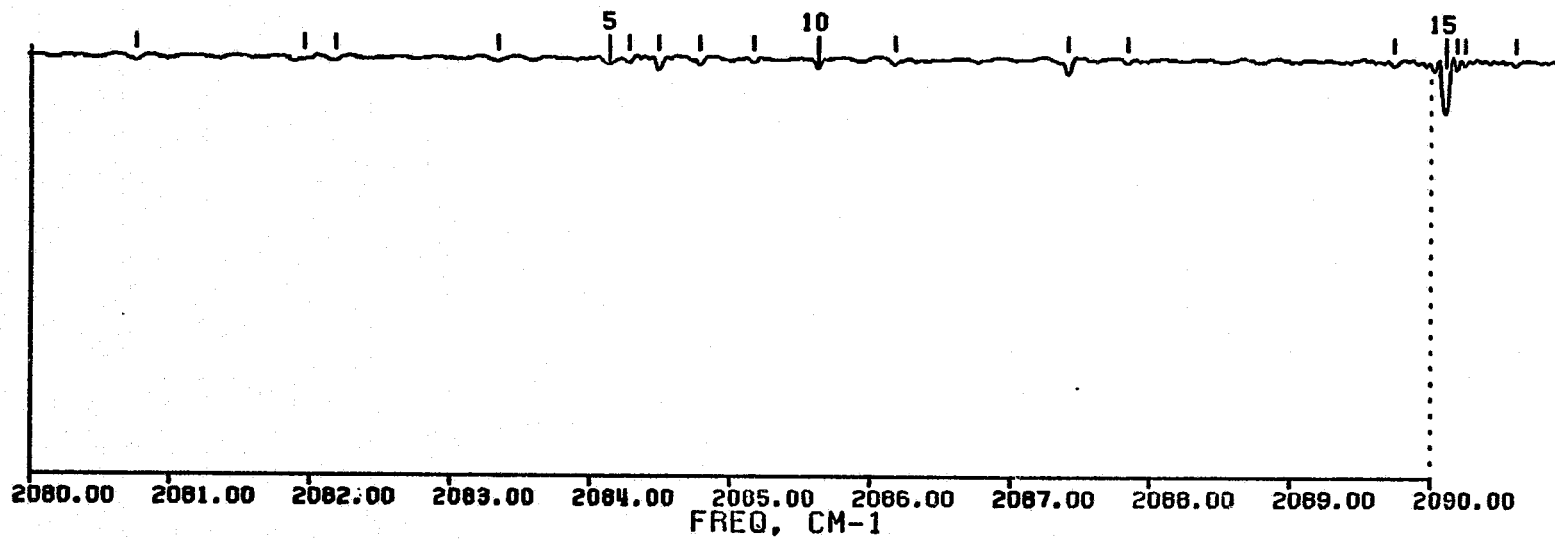
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10	64.929	65.011	65.106	65.846	65.976	66.098	66.661	67.514	68.926
20	69.071	70.105	71.258	71.513	72.694	73.267	74.234	75.279	75.914
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40	78.567	79.309	79.547	80.755					



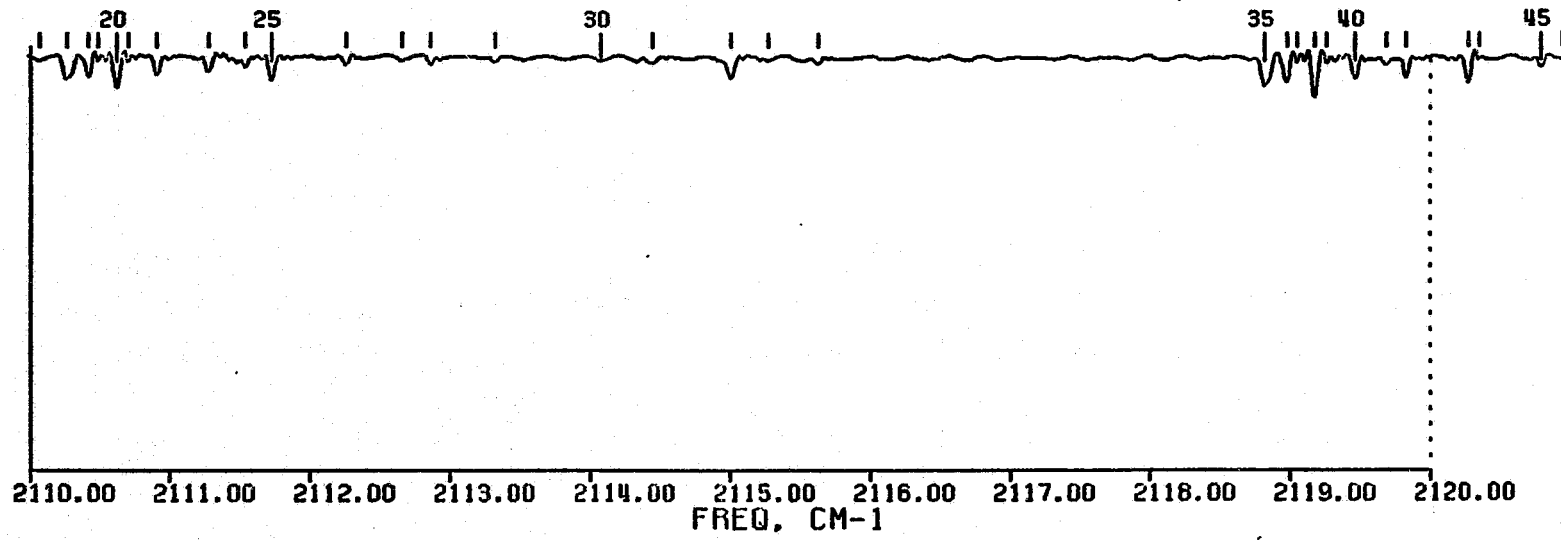
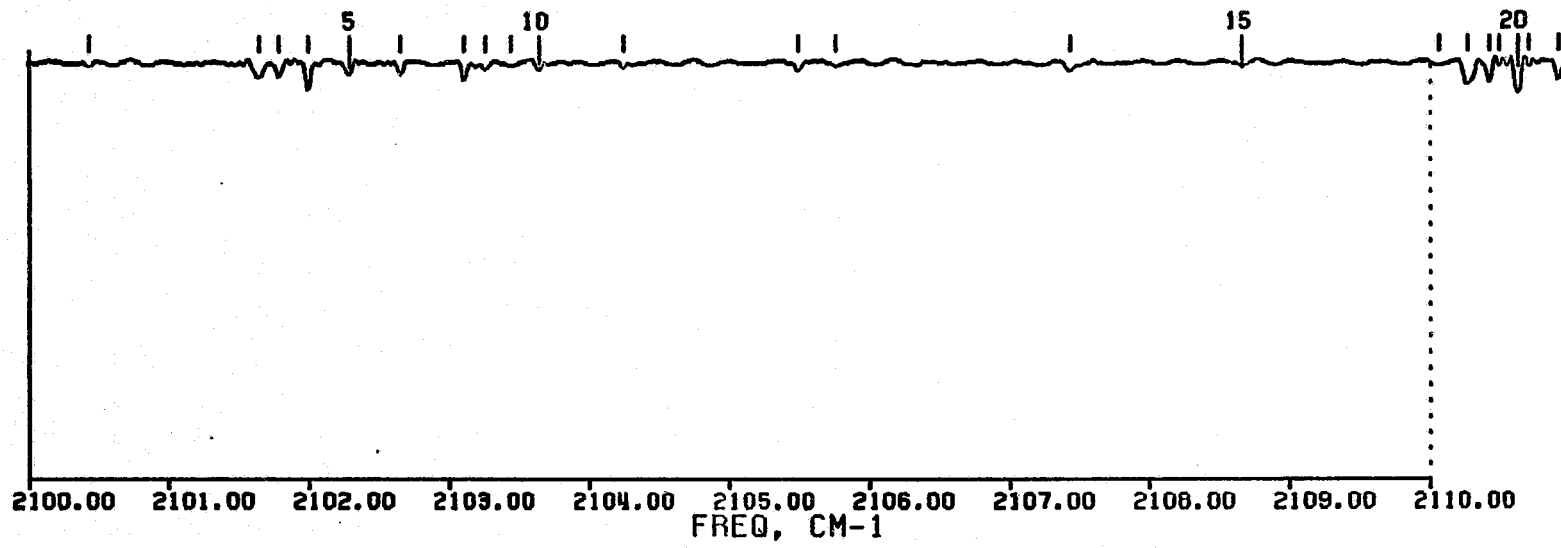
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10	85.623	86.167	87.403	87.830	89.733	90.101	90.179	90.237	90.599	91.378
20	92.532	92.902	93.068	93.278	93.424	93.574	93.946	94.401	94.861	94.936
30	95.414	96.651	96.809	97.975	99.157	99.425	100.429	100.862		

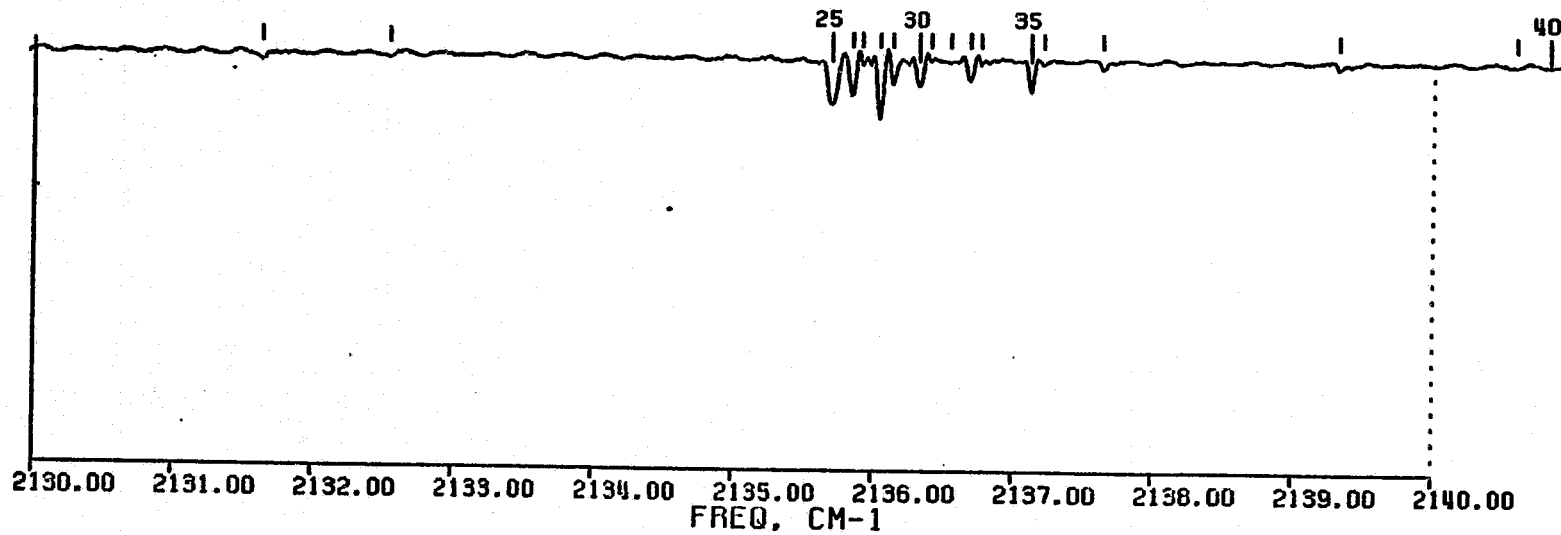
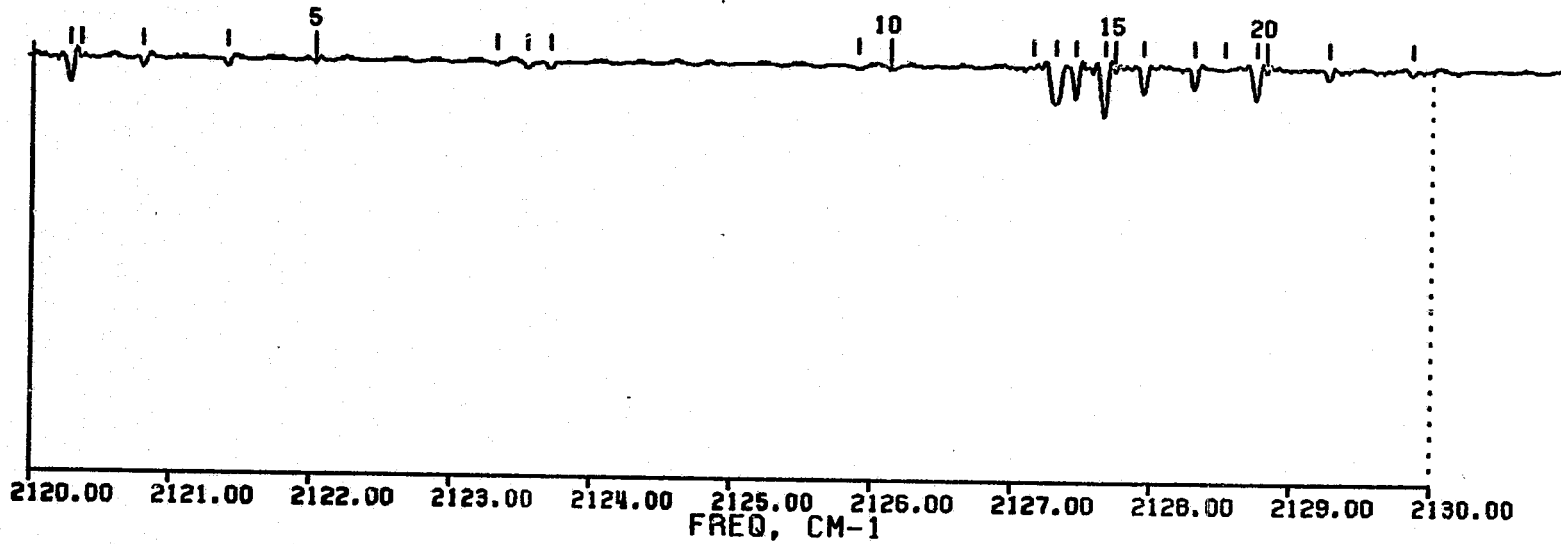


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10	3.641	4.244	5.489	5.759	7.427	8.657	10.064	10.263	10.419	10.487
20	10.620	10.701	10.907	11.274	11.538	11.723	12.257	12.657	12.862	13.319
30	14.079	14.445	15.007	15.276	15.632	18.817	18.974	19.044	19.170	19.258
40	19.460	19.681	19.824	20.272	20.347	20.790	20.943			

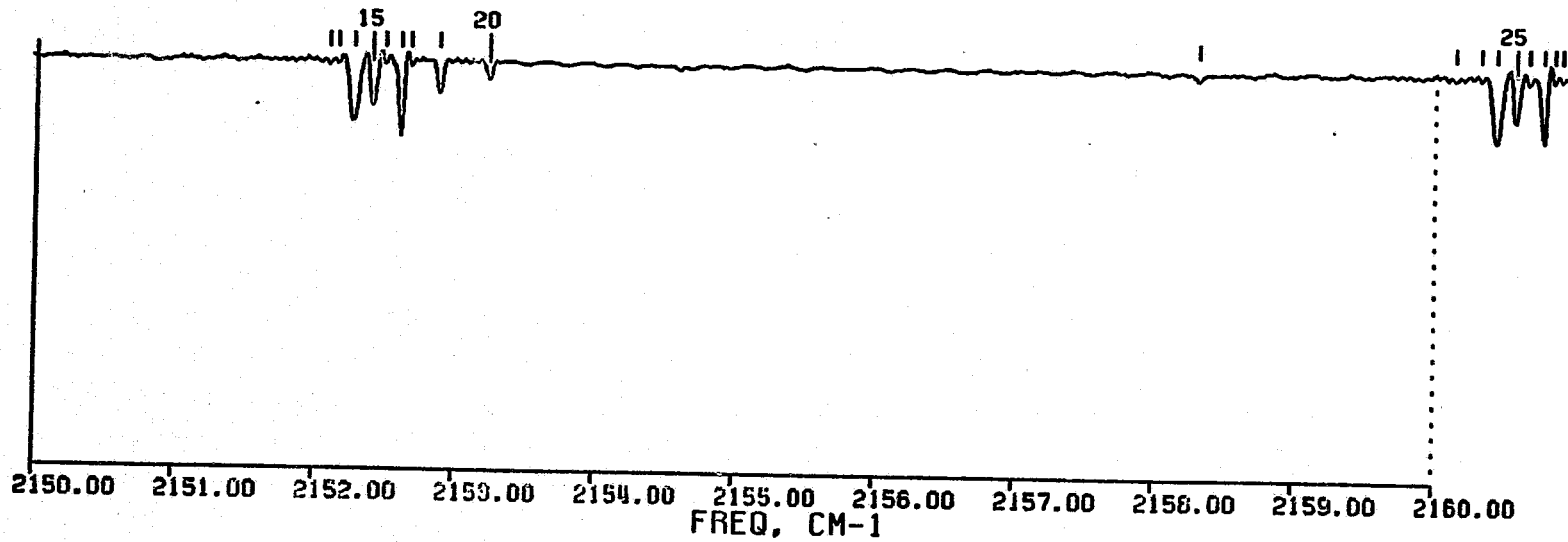
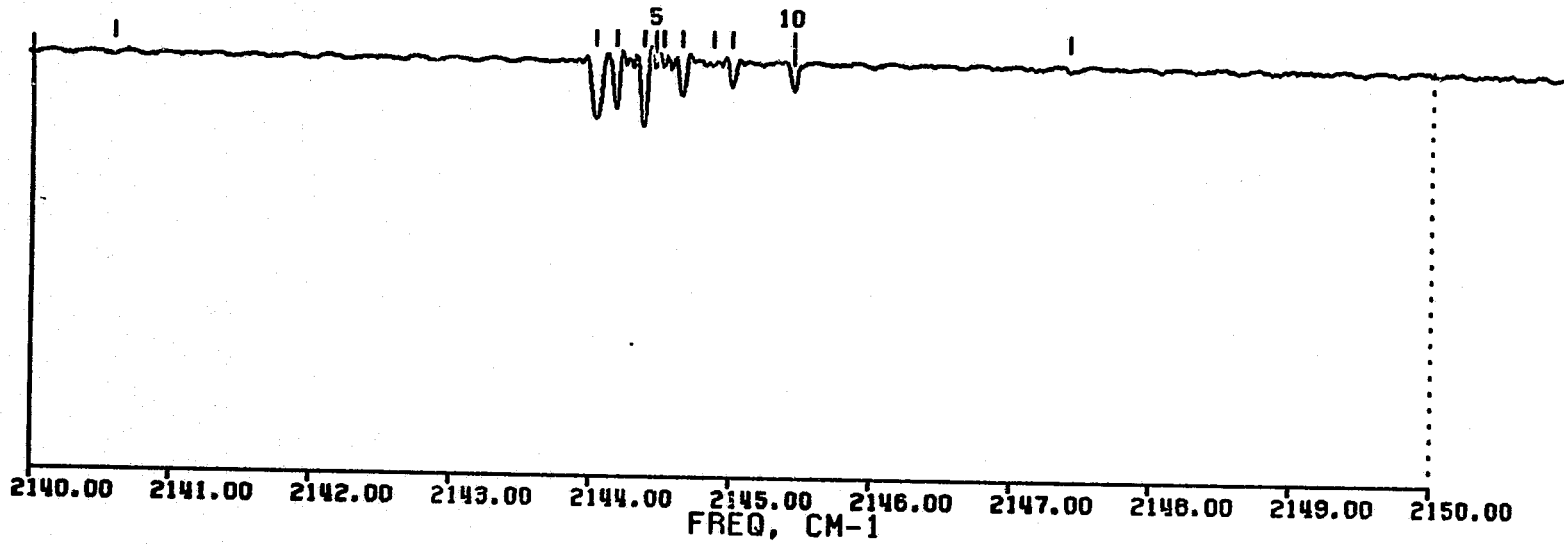


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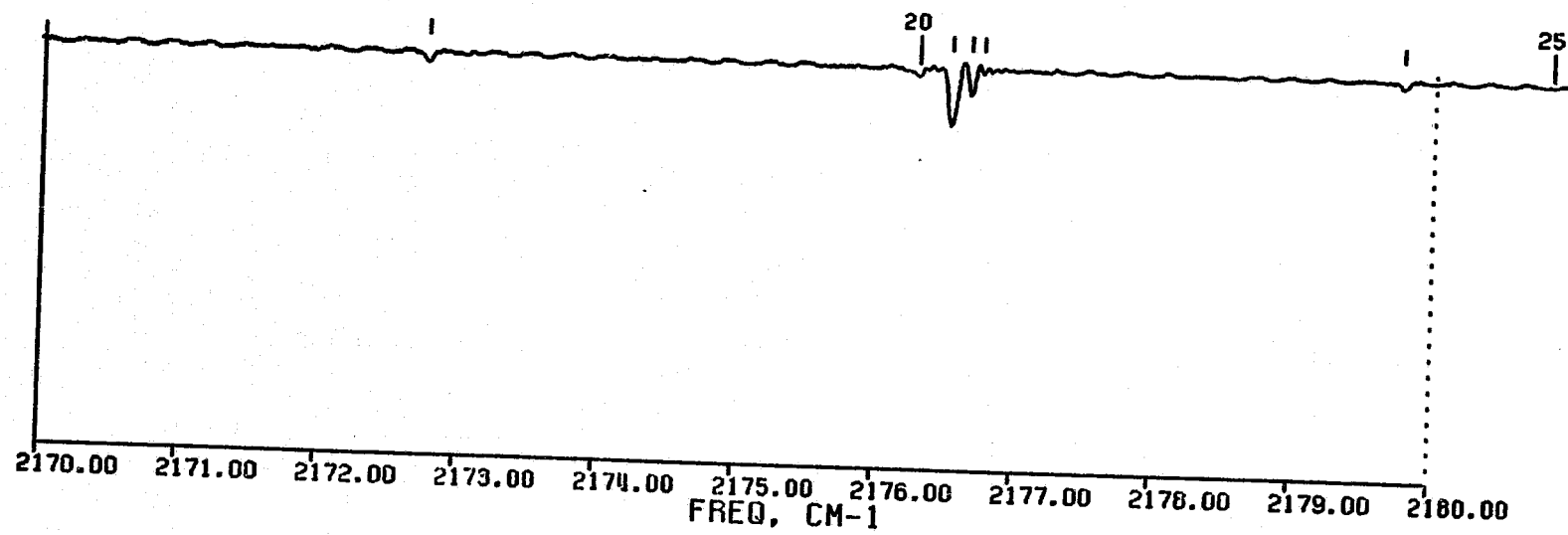
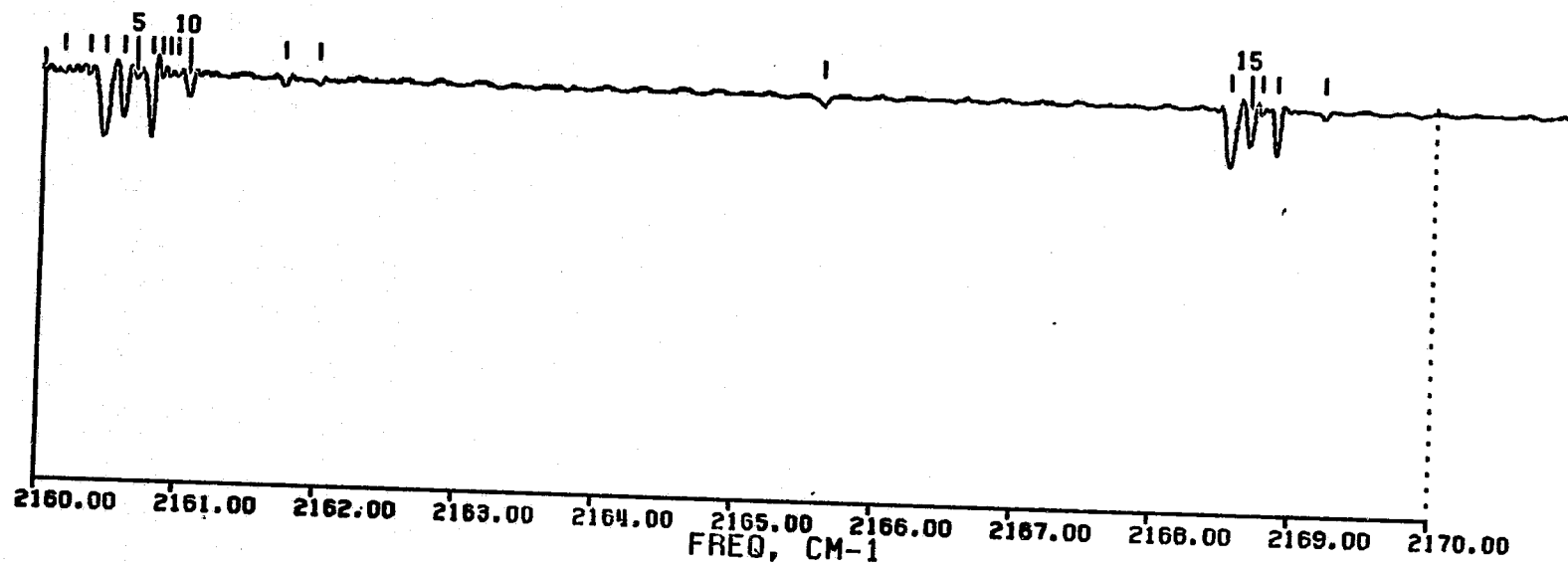
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	2100 +	40.585	44.024	44.168	44.362	44.447	44.506	44.639	44.862	44.995
.10	45.435	47.403	52.097	52.156	52.269	52.406	52.494	52.607	52.678	52.880
20	53.236	58.302	60.141	60.323	60.434	60.570	60.664	60.771	60.843	60.900



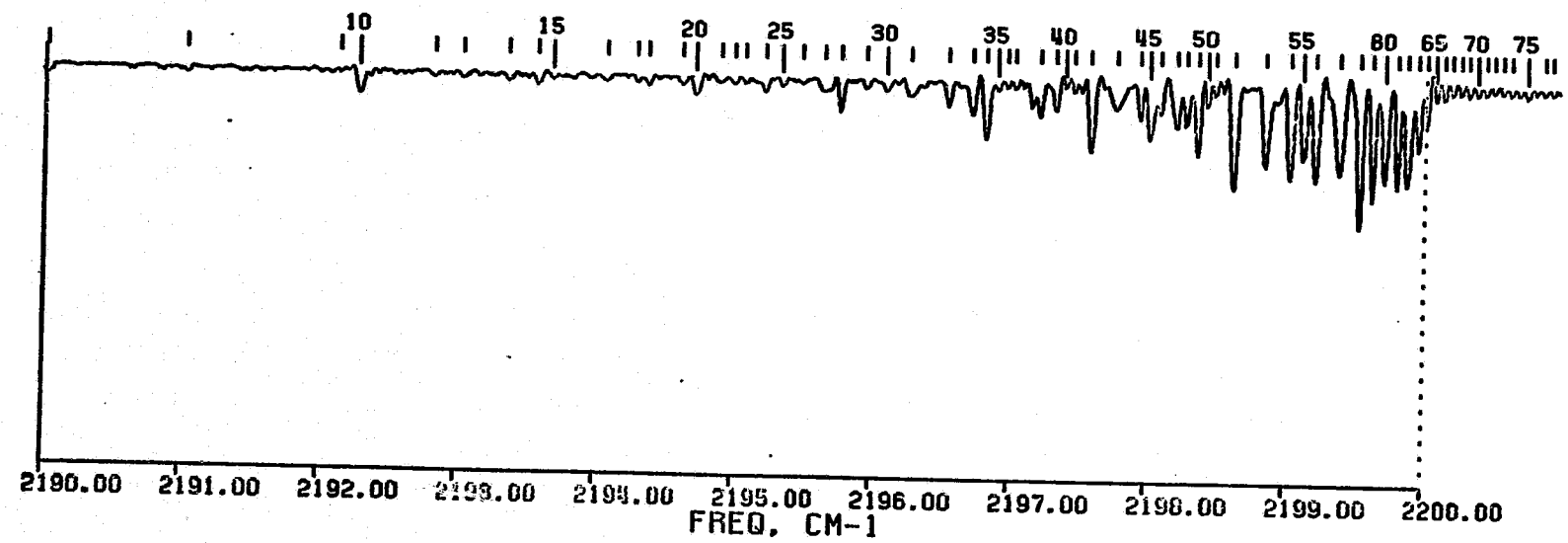
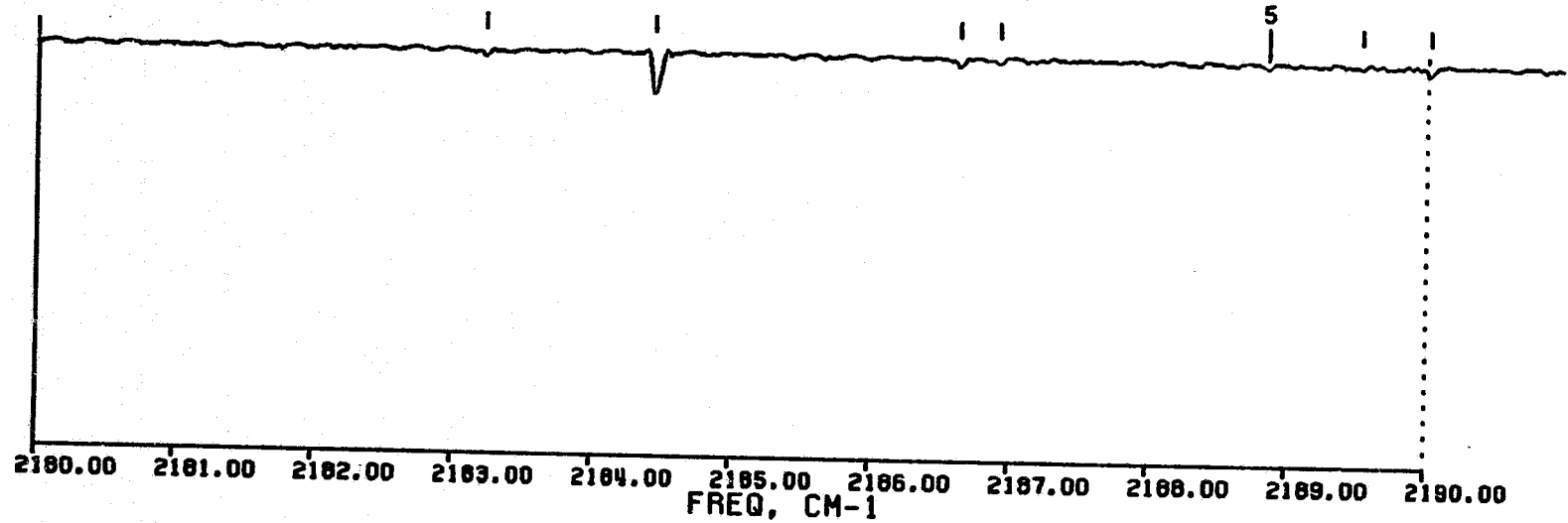
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10	61.042	61.725	61.971	65.597	68.518	68.660	68.737	68.851	69.192	72.760
20	76.287	76.523	76.660	76.749	79.769	80.839				



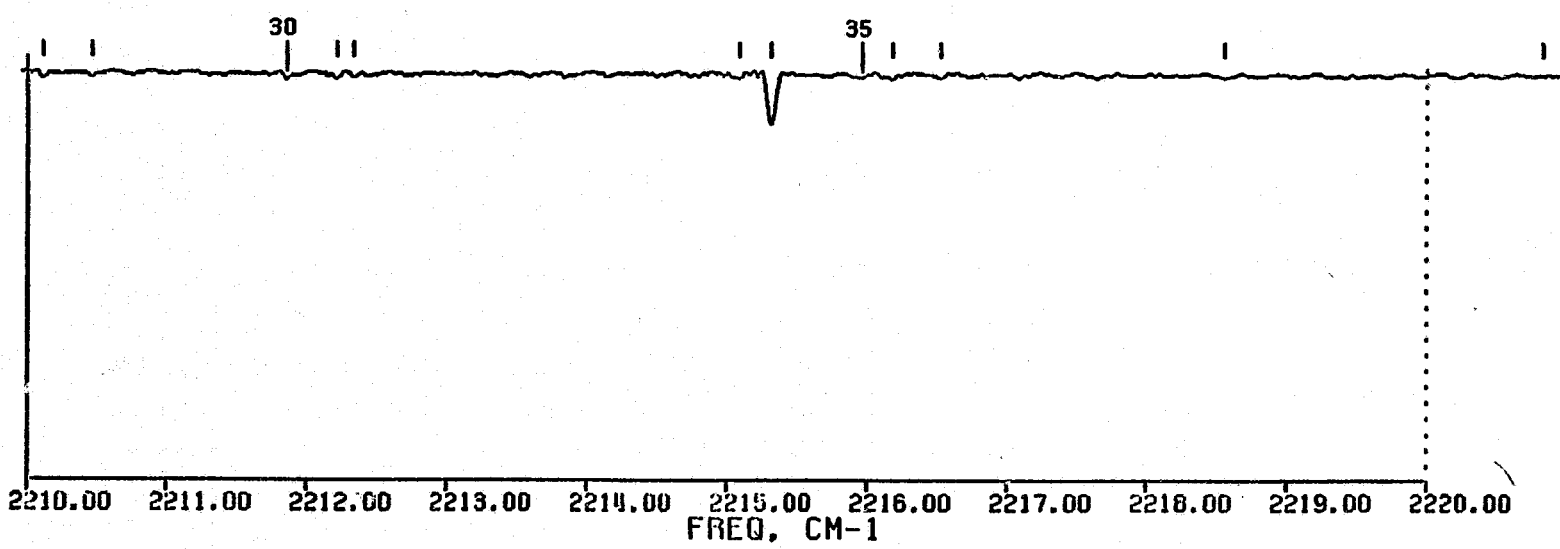
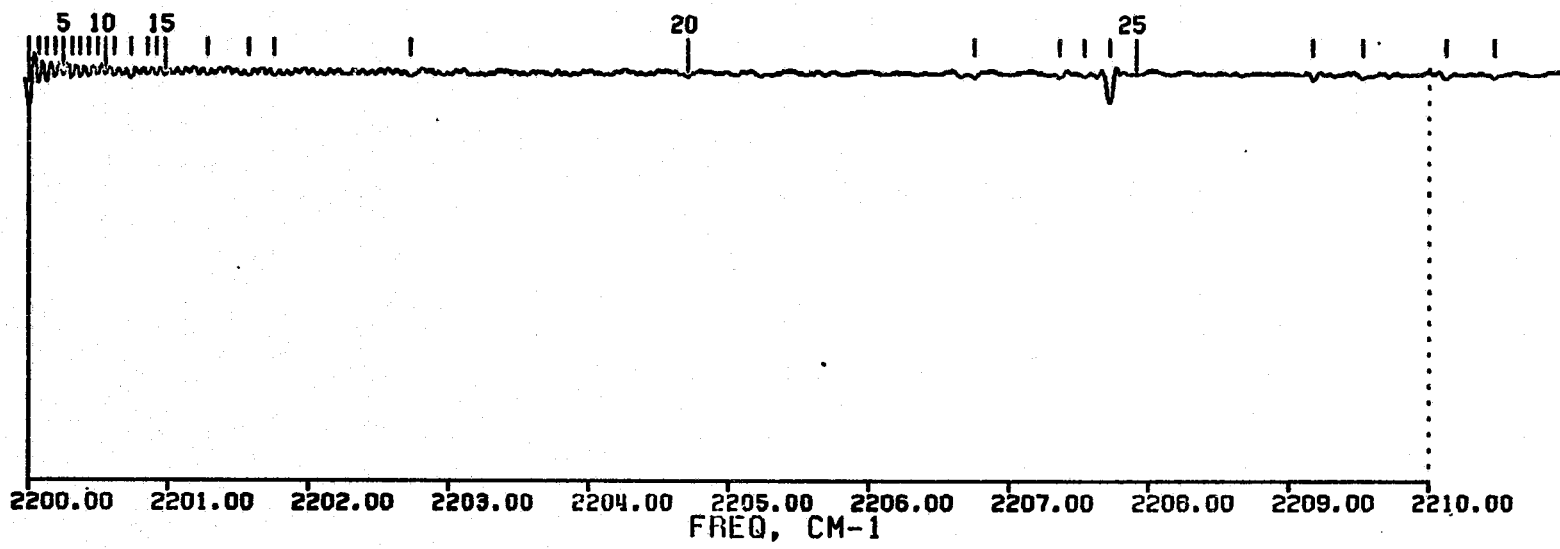
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10	92.279	92.822	93.025	93.358	93.566	93.677	94.067	94.288	94.370	94.617
20	94.715	94.898	94.992	95.071	95.215	95.339	95.487	95.645	95.761	95.945
30	96.093	96.270	96.542	96.717	96.815	96.901	96.965	97.024	97.205	97.321
40	97.388	97.449	97.579	97.756	97.927	97.999	98.074	98.194	98.262	98.347
50	98.414	98.471	98.611	98.839	99.018	99.113	99.204	99.378	99.526	99.617
60	99.705	99.796	99.868	99.946	100.006	100.071	100.130	100.190	100.249	100.310
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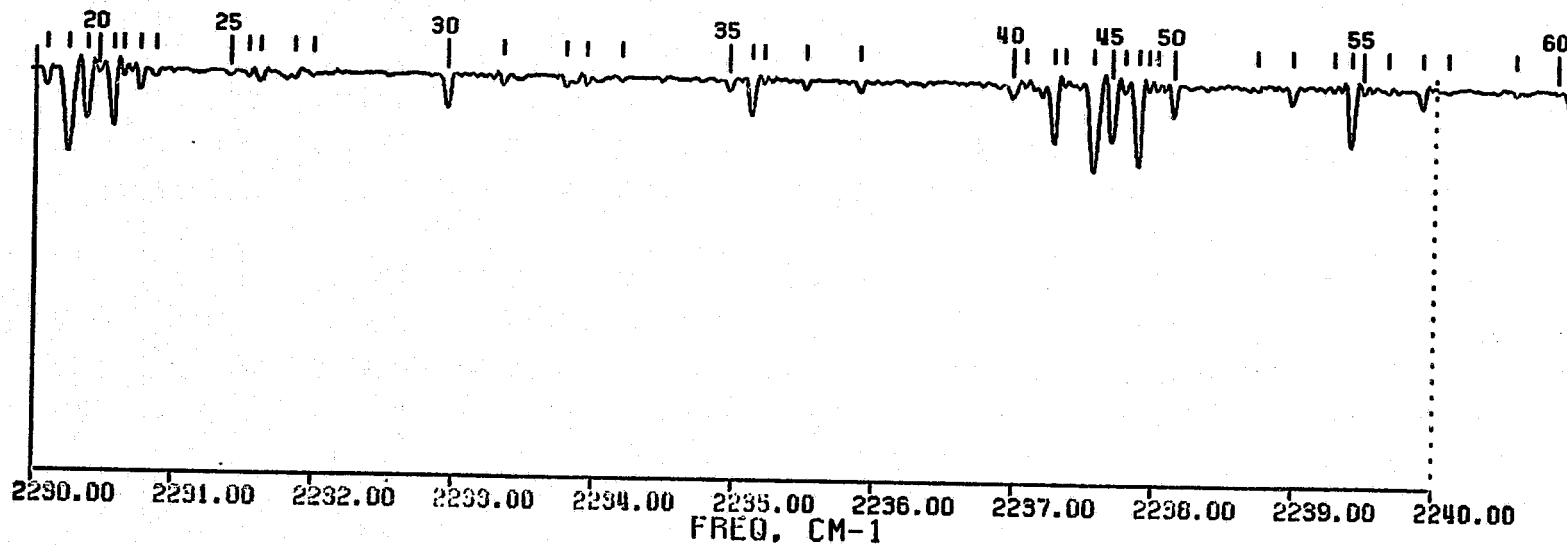
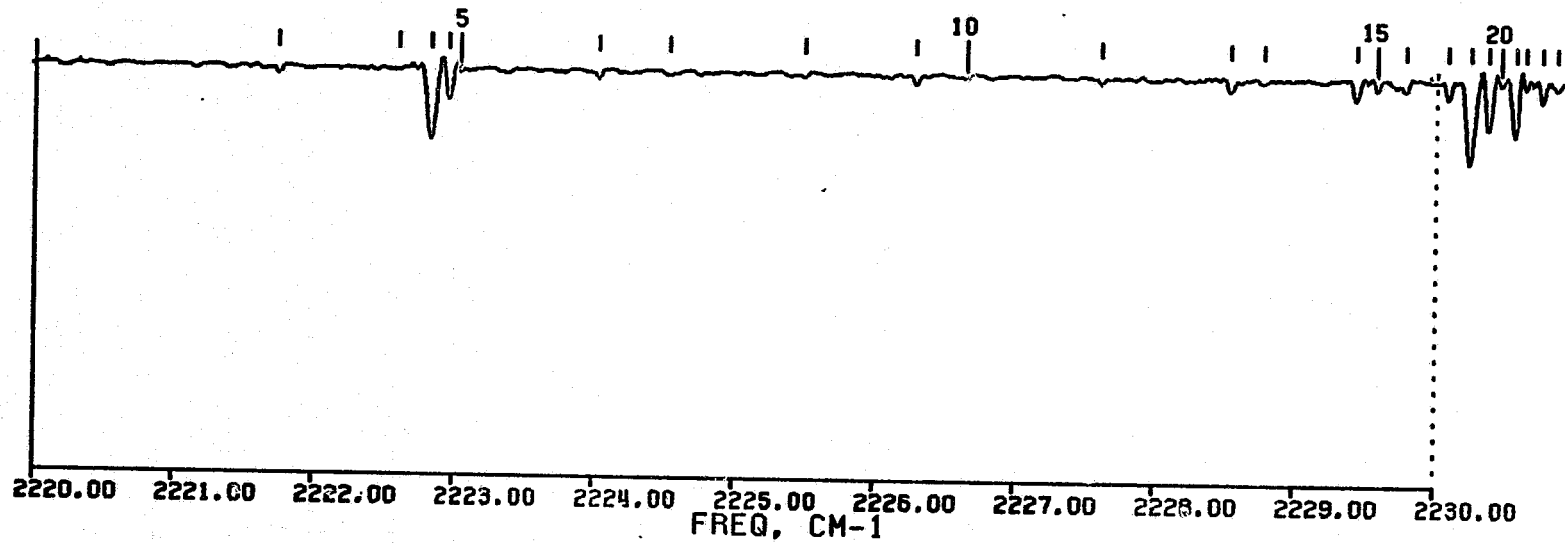


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10	0.551	0.612	0.731	0.852	0.912	0.973	1.274	1.574	1.756	2.727
20	4.709	6.753	7.360	7.538	7.717	7.904	9.170	9.525	10.117	10.464
30	11.856	12.214	12.338	15.091	15.316	15.967	16.184	16.526	18.552	20.824

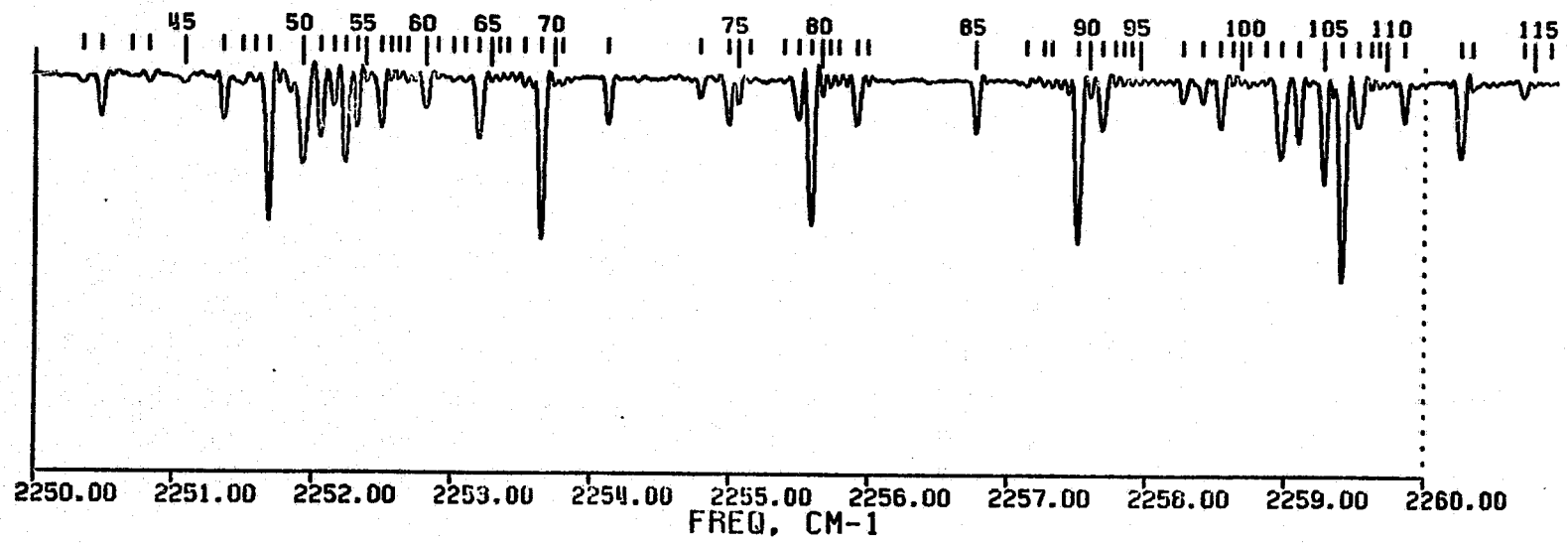
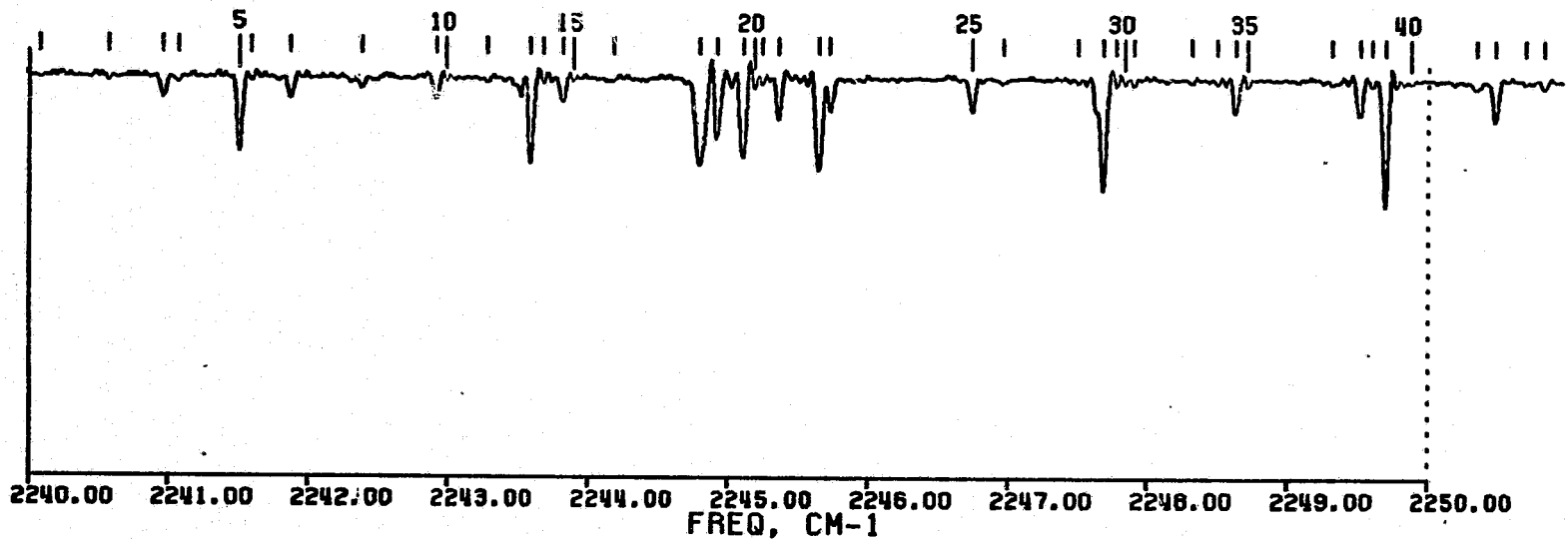


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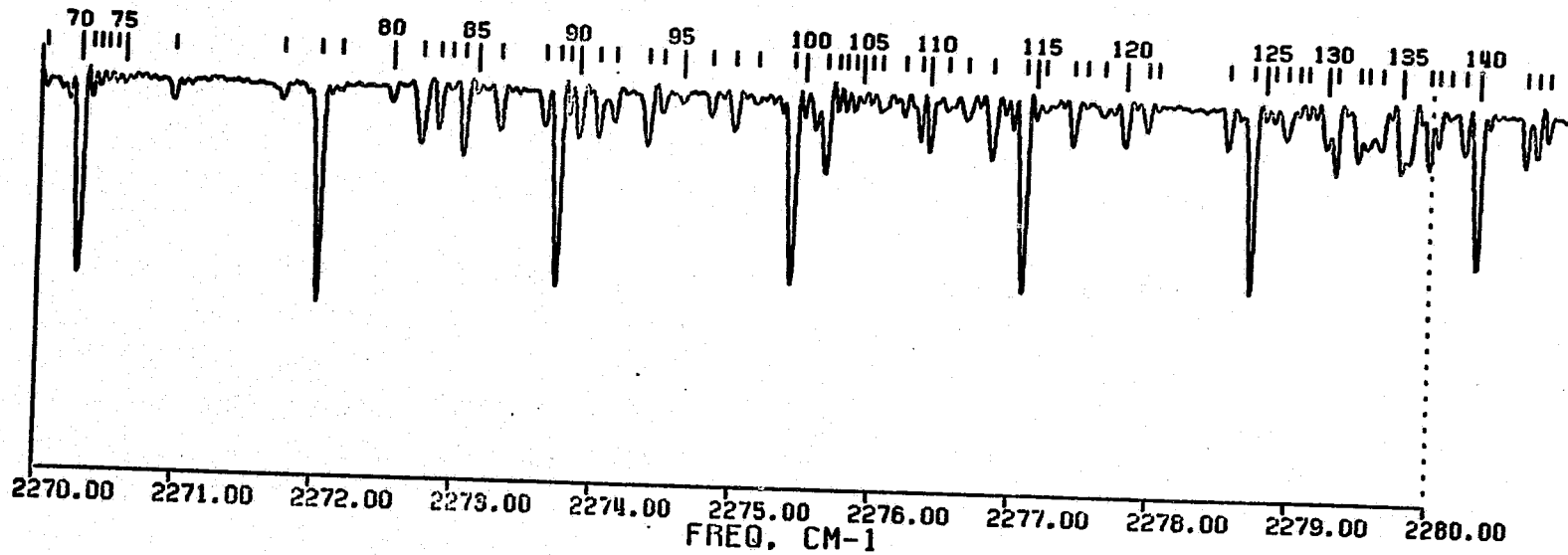
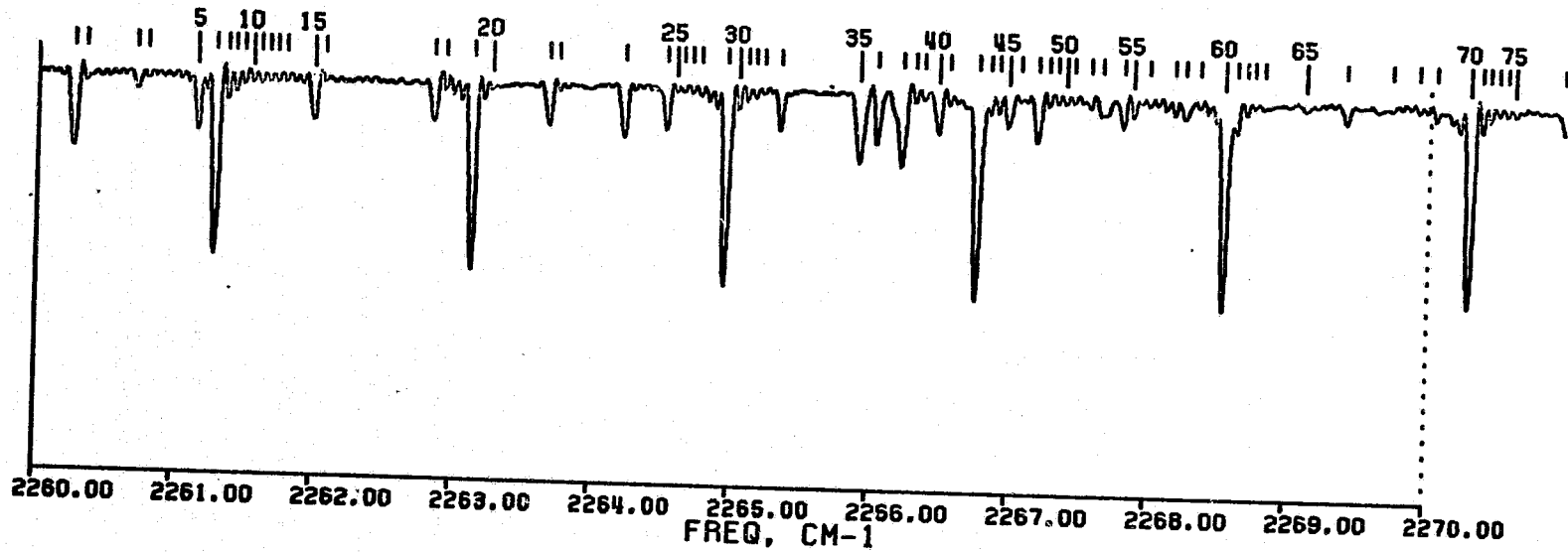
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20	45.183	45.239	45.357	45.647	46.740	46.960	47.496	47.677	47.769
30	47.831	47.890	48.307	48.489	48.618	48.705	49.309	49.508	49.693
40	49.876	50.343	50.478	50.695	50.825	51.080	51.356	51.494	51.682
50	51.927	52.052	52.149	52.234	52.318	52.386	52.496	52.563	52.682
60	52.814	52.899	53.014	53.100	53.196	53.286	53.343	53.402	53.645
70	53.739	53.794	54.127	54.790	54.995	55.062	55.148	55.392	55.590
80	55.668	55.725	55.783	55.915	55.997	56.776	57.136	57.261	57.319
90	57.594	57.683	57.774	57.835	57.893	57.952	58.261	58.403	58.531
100	58.680	58.738	58.856	58.968	59.095	59.277	59.406	59.521	59.612
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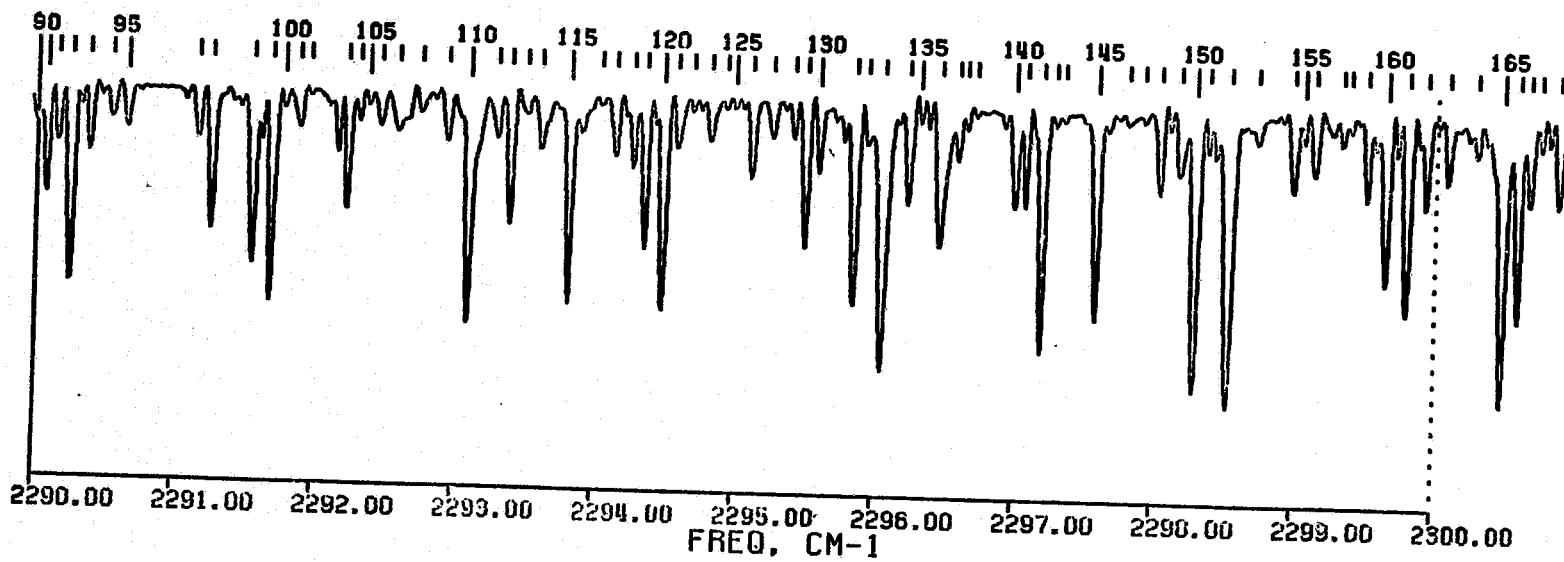
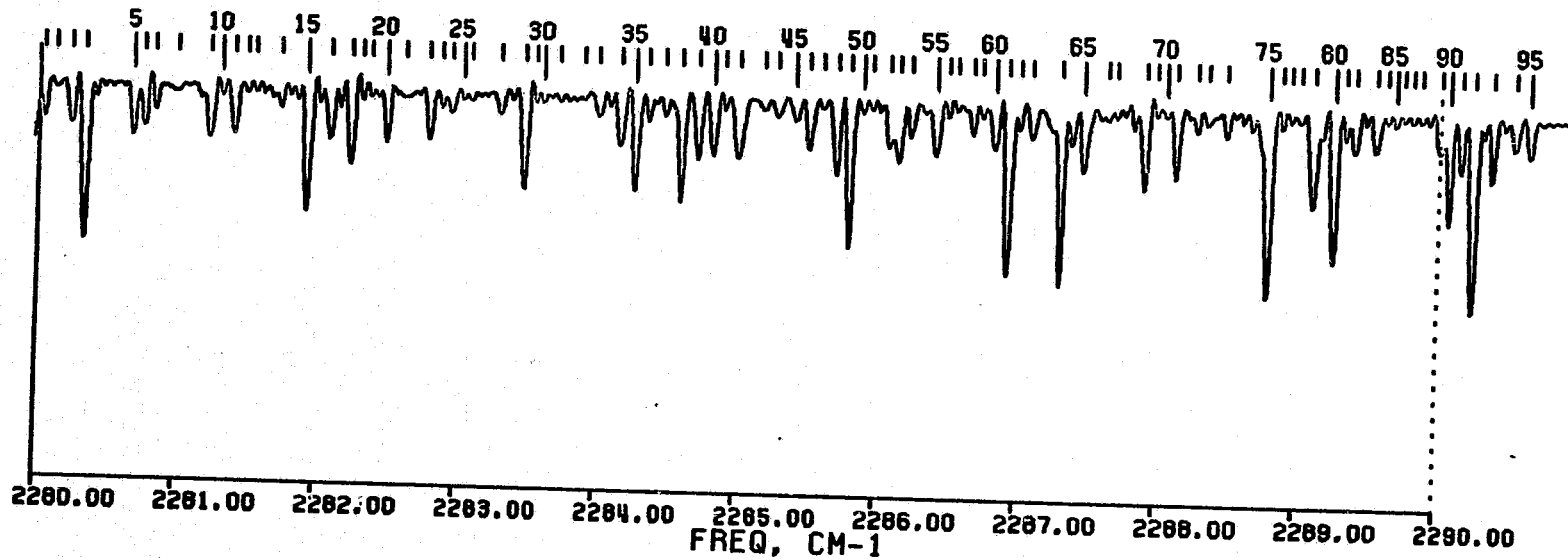
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20	63.262	63.673	63.744	64.216	64.519	64.588	64.641	64.703	64.762	64.950
30	65.036	65.097	65.155	65.215	65.335	65.907	66.031	66.211	66.303	66.366
40	66.473	66.546	66.755	66.840	66.902	66.973	67.059	67.183	67.265	67.326
50	67.385	67.444	67.561	67.645	67.800	67.870	67.987	68.168	68.241	68.347
60	68.532	68.614	68.683	68.742	68.808	69.110	69.400	69.725	69.917	70.040
70	70.288	70.372	70.428	70.489	70.550	70.610	70.967	71.751	72.022	72.169
80	72.535	72.746	72.870	72.959	73.051	73.144	73.310	73.631	73.733	73.806
90	73.875	74.017	74.130	74.373	74.475	74.620	74.827	74.997	75.153	75.416
100	75.495	75.654	75.733	75.793	75.854	75.910	75.973	76.046	76.211	76.330
110	76.397	76.520	76.660	76.844	77.079	77.155	77.224	77.423	77.515	77.639
120	77.799	77.956	78.027	78.534	78.714	78.805	78.865	78.955	79.042	79.106
130	79.248	79.314	79.471	79.537	79.635	79.779	79.979	80.041	80.123	80.233
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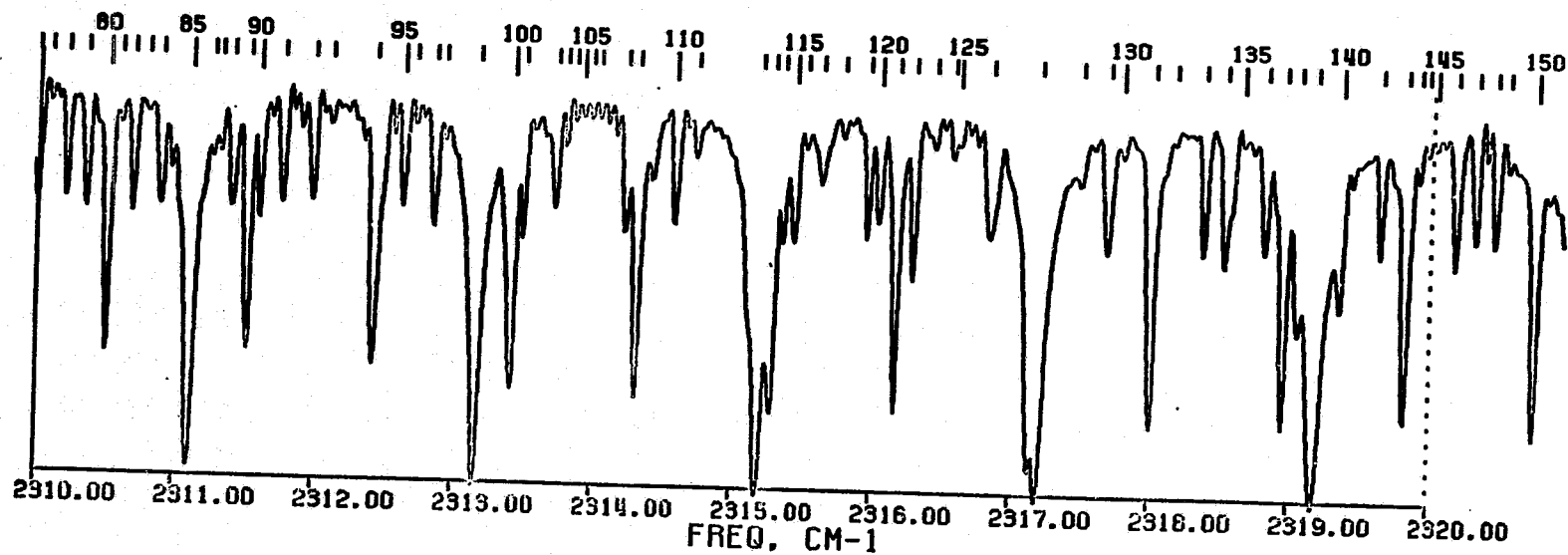
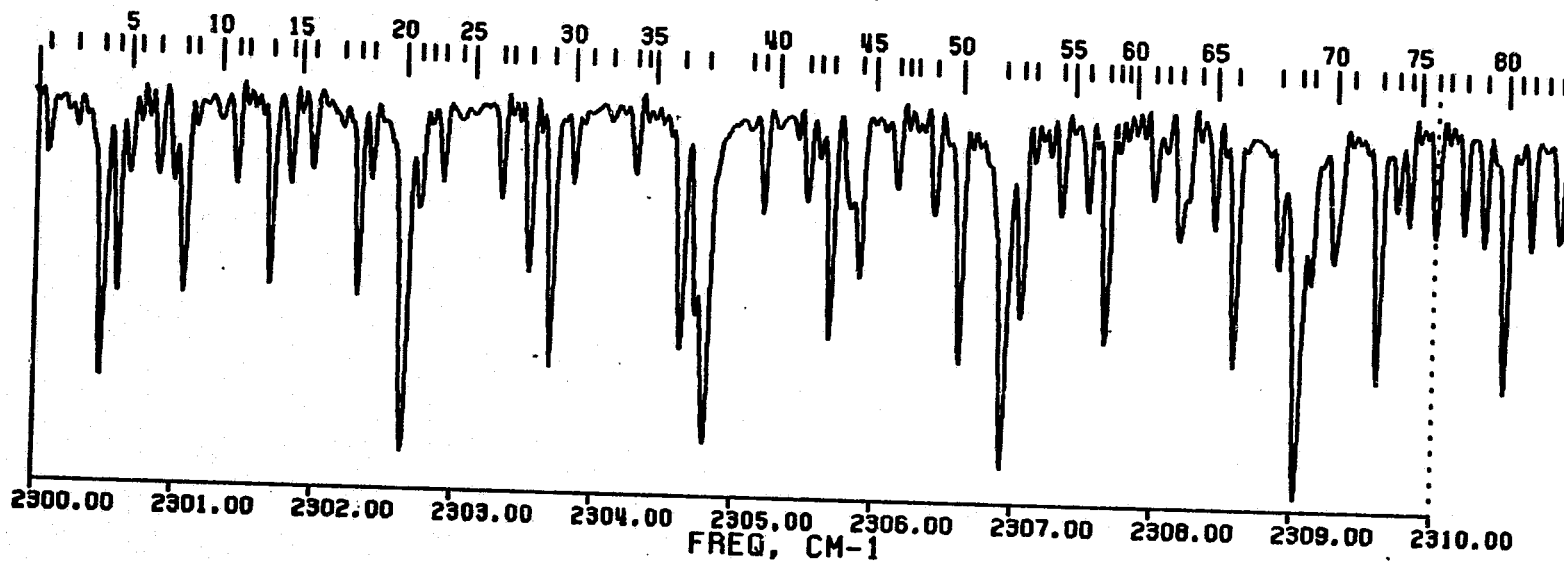


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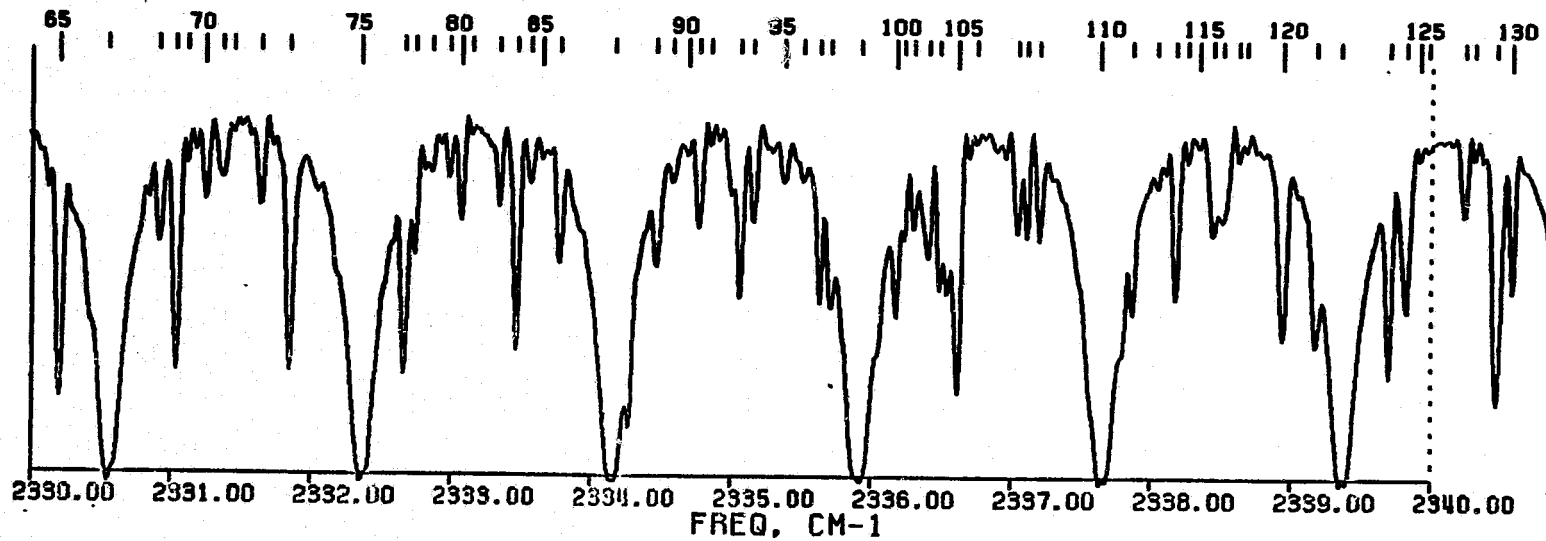
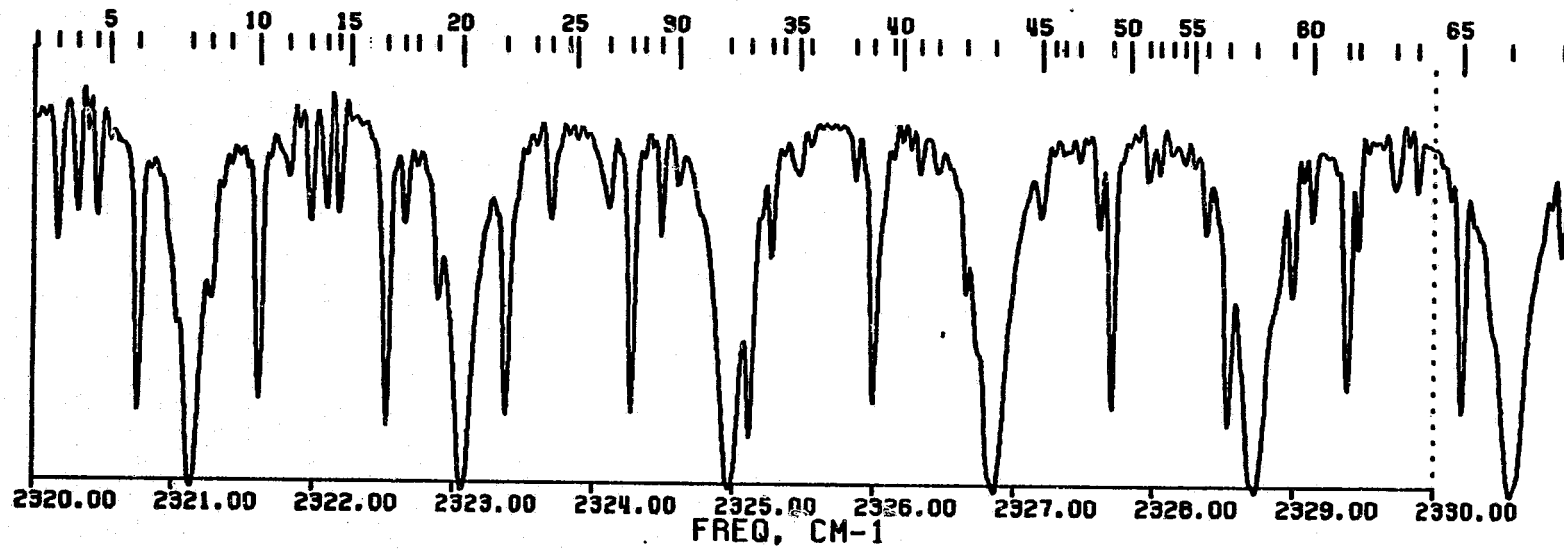
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20	82.480	82.611	82.785	82.874	82.943	83.027	83.083	83.292	83.469	83.542
30	83.598	83.716	83.890	83.996	84.151	84.261	84.351	84.471	84.589	84.709
40	84.817	84.896	84.999	85.179	85.276	85.403	85.500	85.595	85.699	85.793
50	85.881	85.946	86.073	86.143	86.225	86.406	86.490	86.553	86.667	86.733
60	86.828	86.921	87.001	87.091	87.300	87.459	87.629	87.692	87.896	87.973
70	88.048	88.118	88.264	88.338	88.476	88.779	88.871	88.934	89.006	89.100
80	89.251	89.326	89.395	89.543	89.622	89.682	89.744	89.803	89.863	90.005
90	90.071	90.151	90.247	90.378	90.538	90.646	91.153	91.249	91.546	91.677
100	91.766	91.875	91.951	92.217	92.301	92.367	92.453	92.577	92.738	92.930
110	93.089	93.289	93.385	93.499	93.602	93.810	94.030	94.135	94.262	94.349
120	94.479	94.575	94.684	94.810	94.923	94.986	95.108	95.255	95.406	95.495
130	95.589	95.846	95.933	96.048	96.227	96.313	96.456	96.581	96.642	96.710
140	96.992	97.064	97.187	97.278	97.337	97.575	97.795	97.909	98.024	98.166
150	98.279	98.364	98.521	98.720	98.980	99.052	99.130	99.326	99.384	99.505
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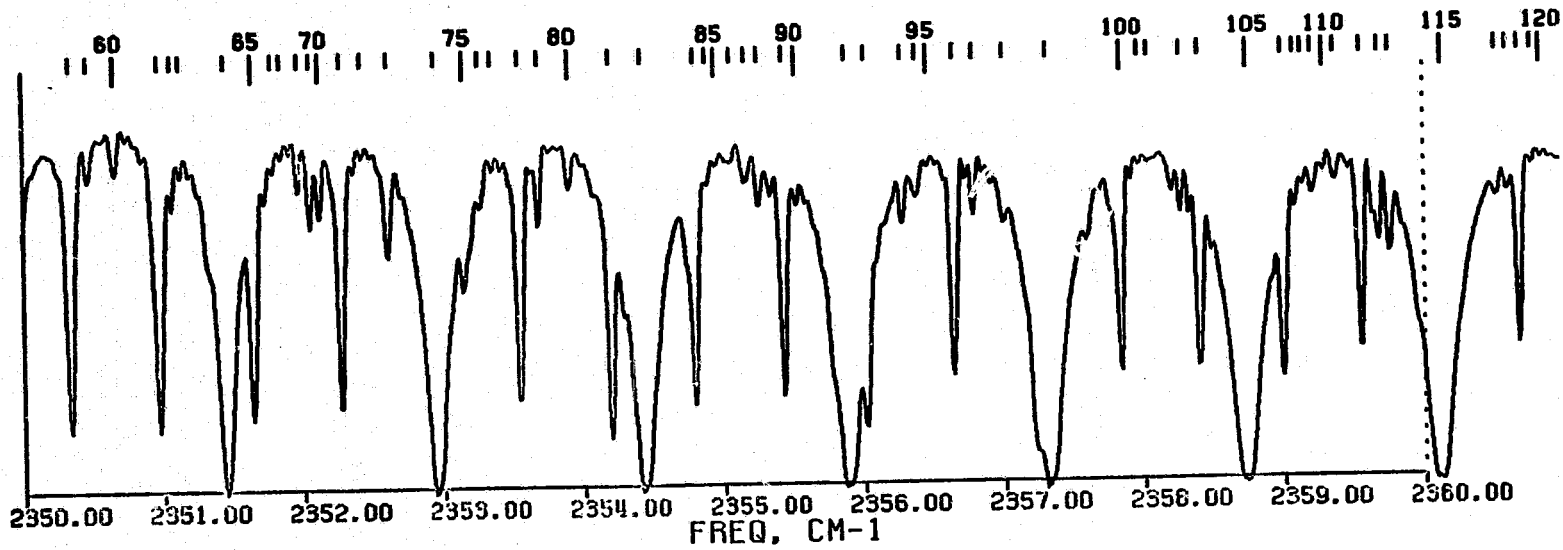
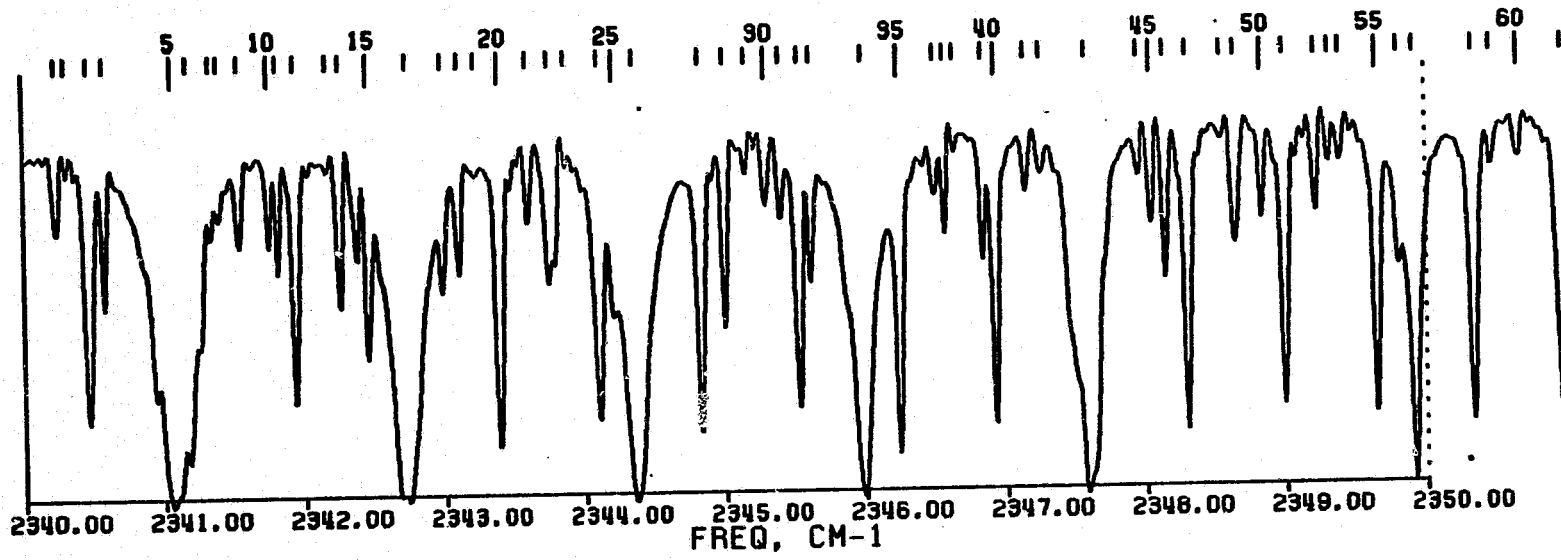
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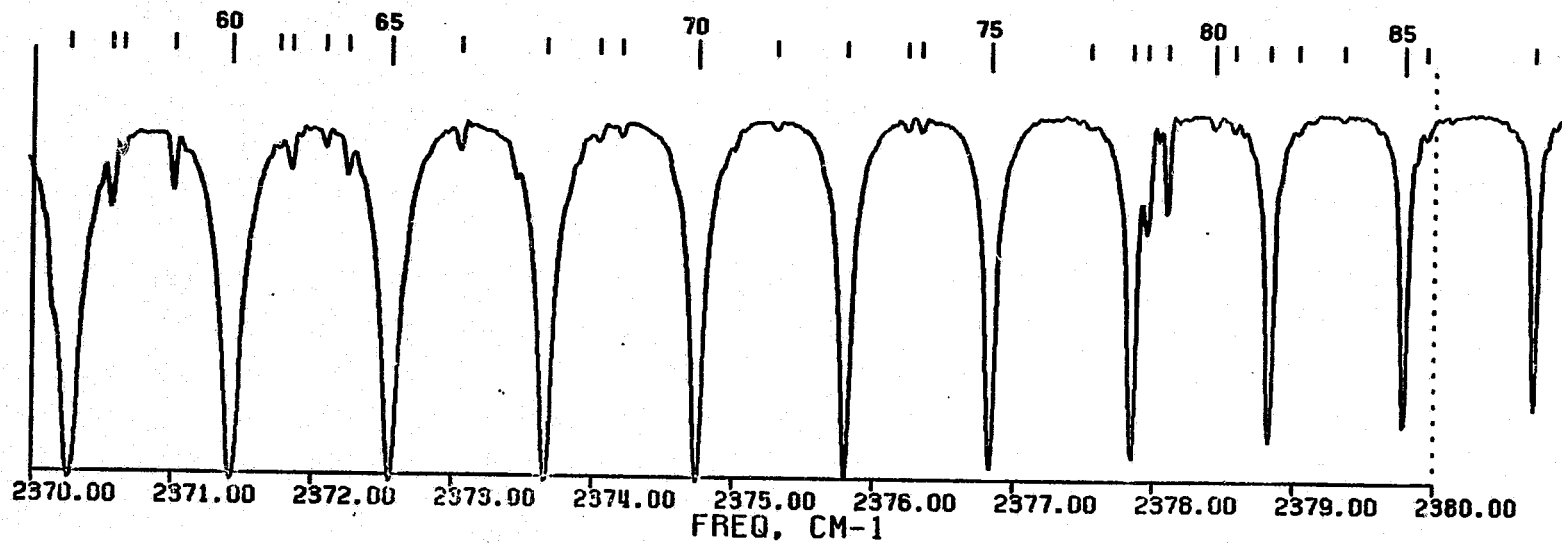
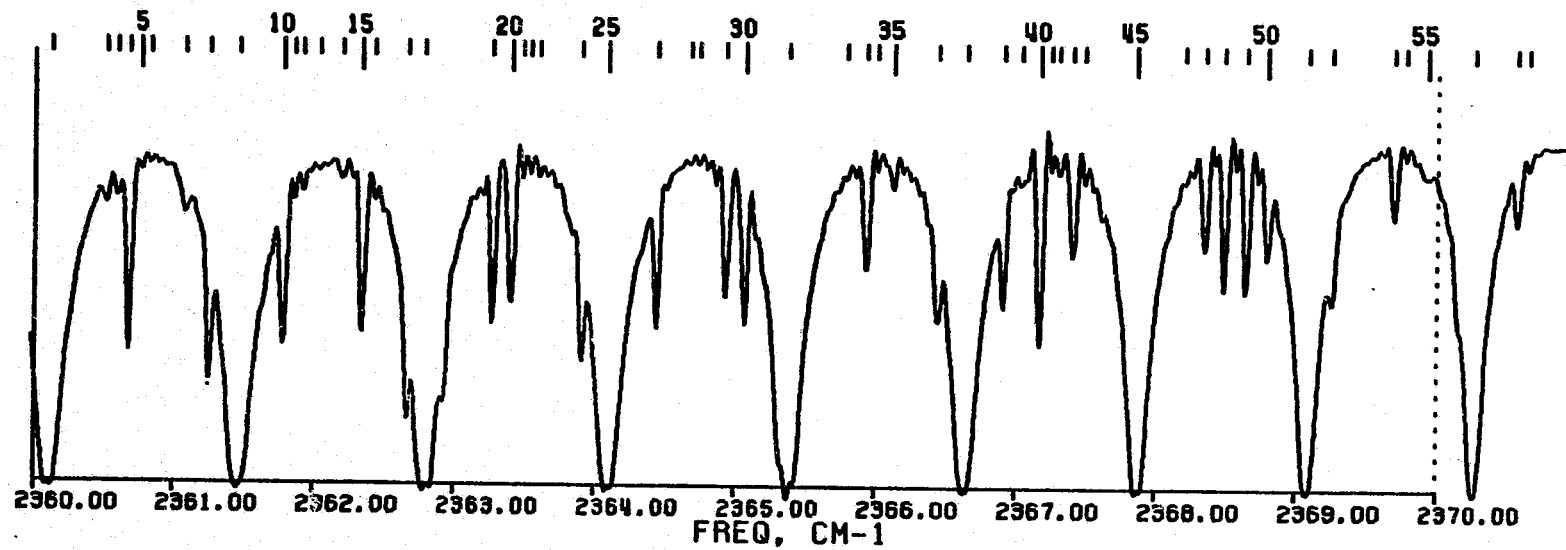
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10	41.748	41.812	41.935	42.163	42.257	42.453	42.736	42.985	43.104	43.226
20	43.991	43.597	43.745	43.868	44.105	44.212	44.360	44.828	45.004	45.152
30	45.292	45.400	45.532	45.614	45.985	46.242	46.498	46.571	46.641	46.842
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50	48.832	48.992	49.217	49.310	49.387	49.648	49.805	49.918	50.336	50.463
60	50.656	50.971	51.080	51.123	51.446	51.641	51.783	51.844	51.967	52.054
70	52.118	52.270	52.419	52.604	52.942	53.143	53.260	53.352	53.546	53.682
80	53.899	54.197	54.418	54.797	54.882	54.948	55.054	55.160	55.255	55.431
90	55.521	55.873	56.019	56.277	56.377	56.455	56.643	56.787	57.002	57.308
100	57.837	57.964	58.031	58.263	58.397	58.736	58.993	59.078	59.134	59.202
110	59.282	59.362	59.553	59.675	59.752	60.122	60.511	60.589	60.675	60.763
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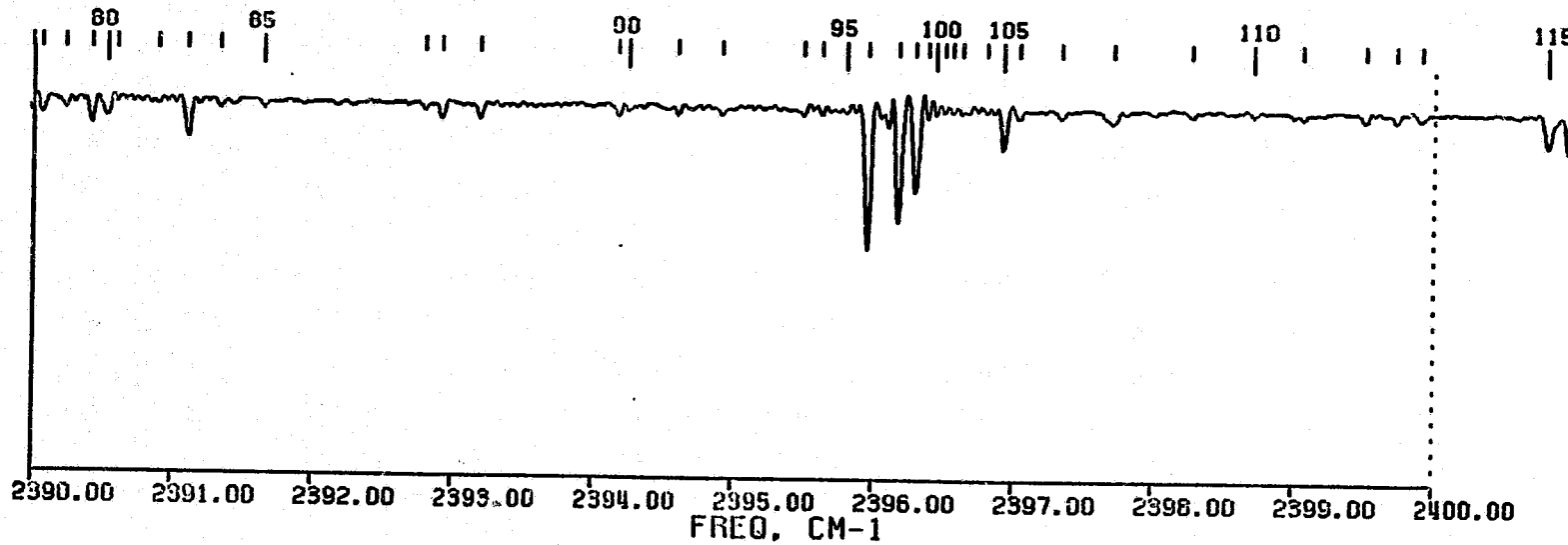
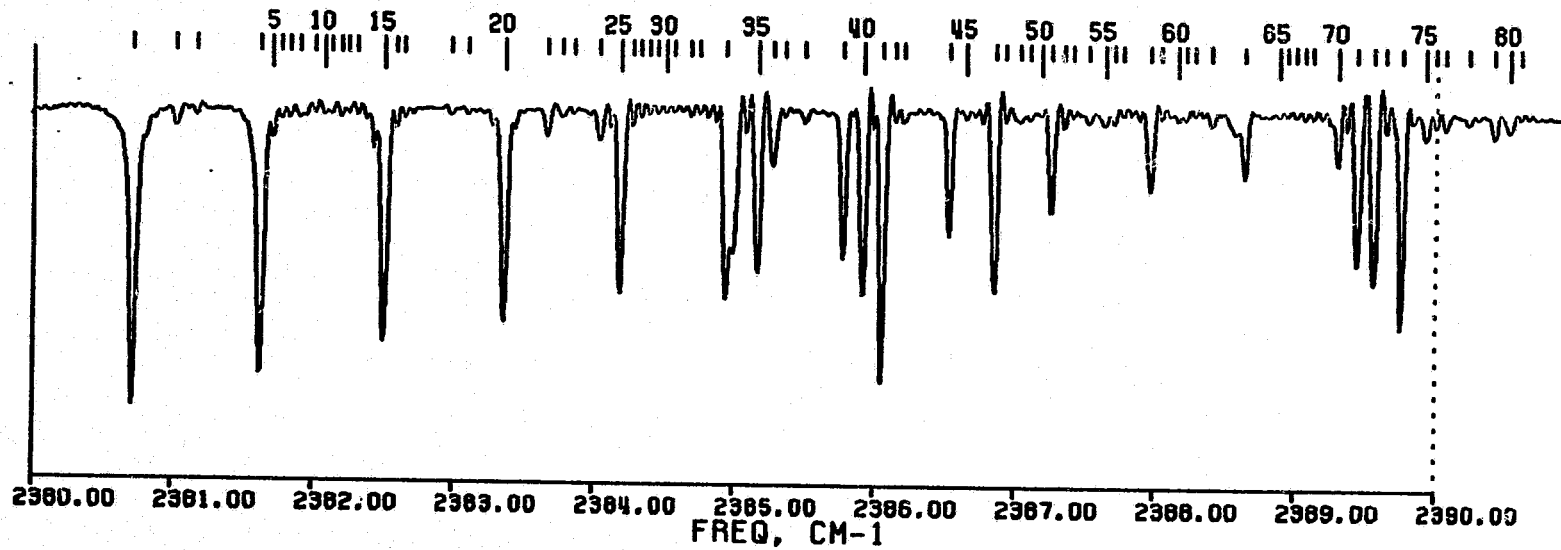
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30	65.070	65.378	65.792	65.935	66.012	66.125	66.444	66.645	66.909	67.037
40	67.171	67.251	67.308	67.404	67.489	67.858	68.202	68.346	68.482	68.639
50	68.789	69.083	69.252	69.690	69.776	69.927	70.265	70.565	70.650	71.009
60	71.421	71.761	71.848	72.093	72.250	72.556	73.053	73.663	74.041	74.204
70	74.746	75.310	75.803	76.243	76.341	76.835	77.539	77.845	77.948	78.092
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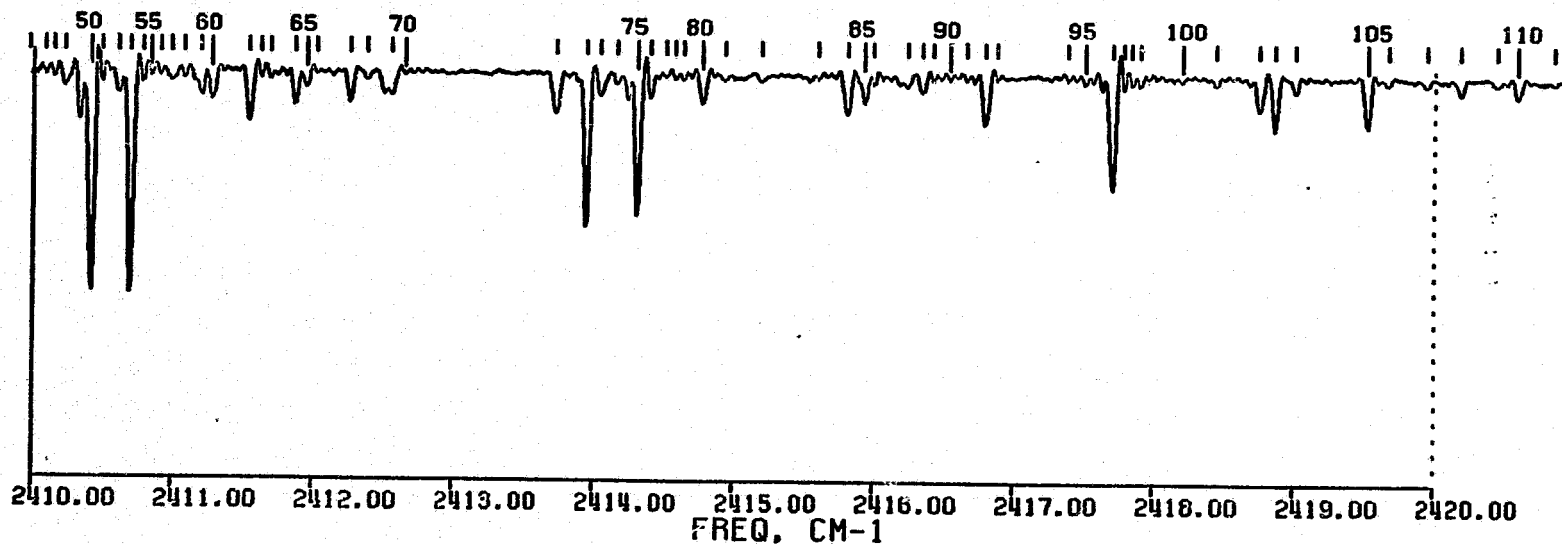
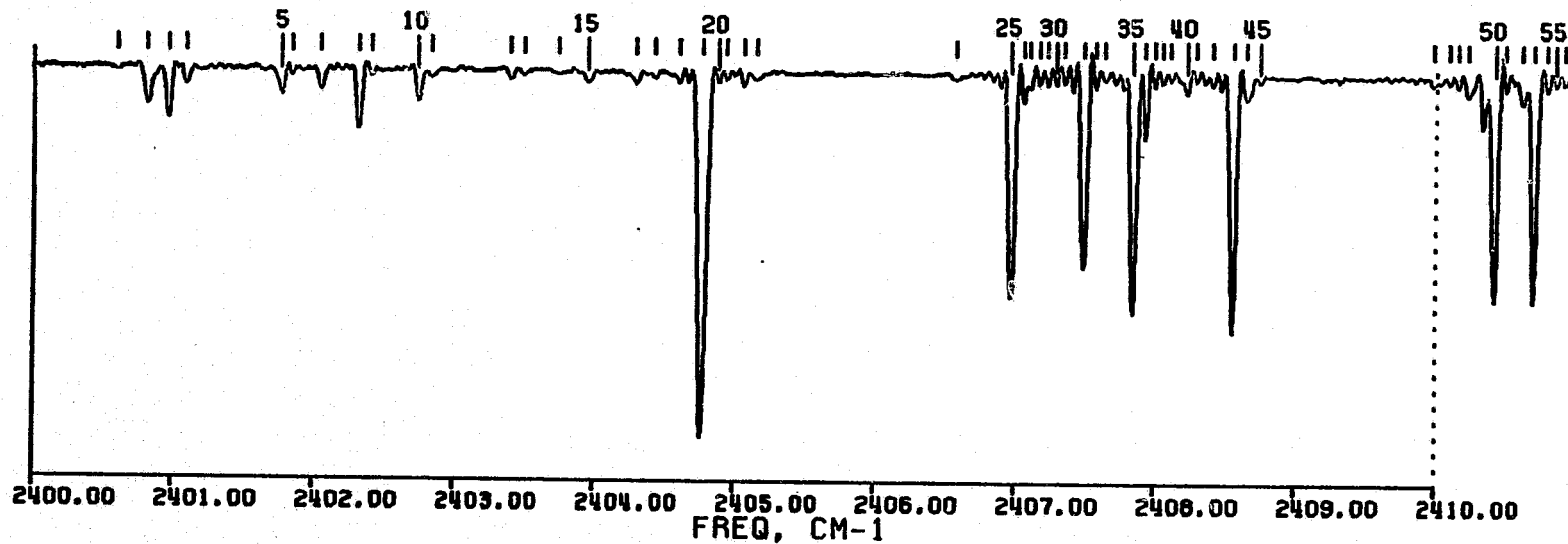


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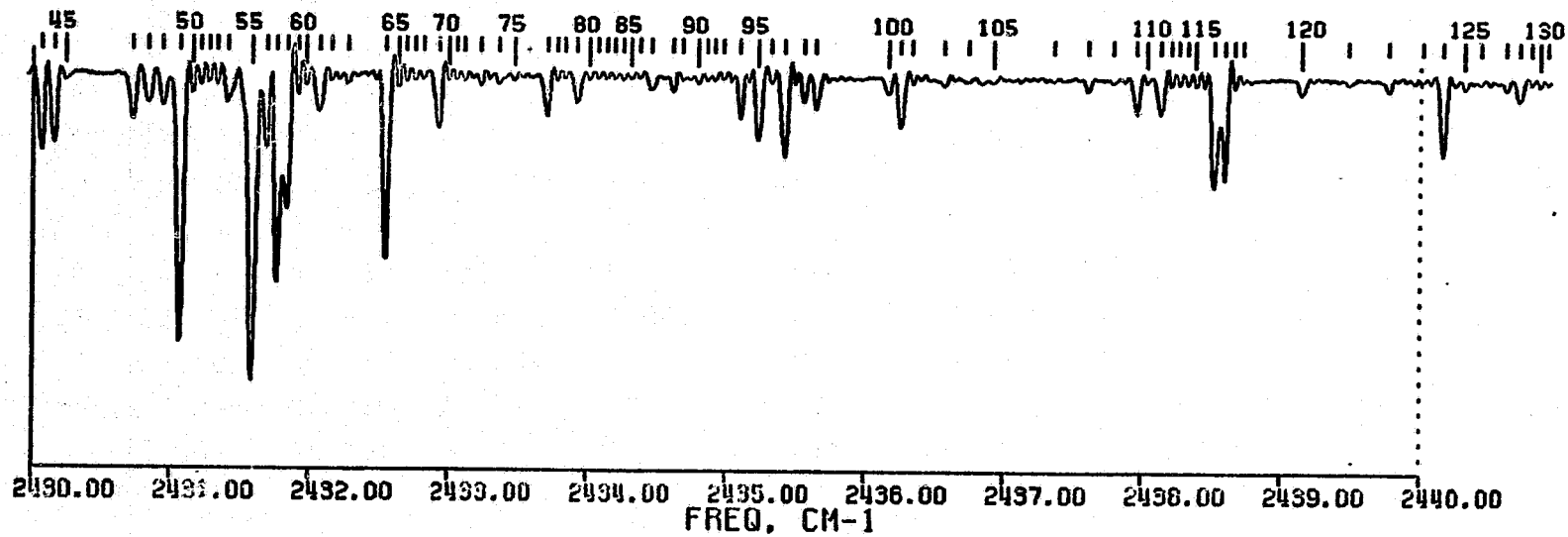
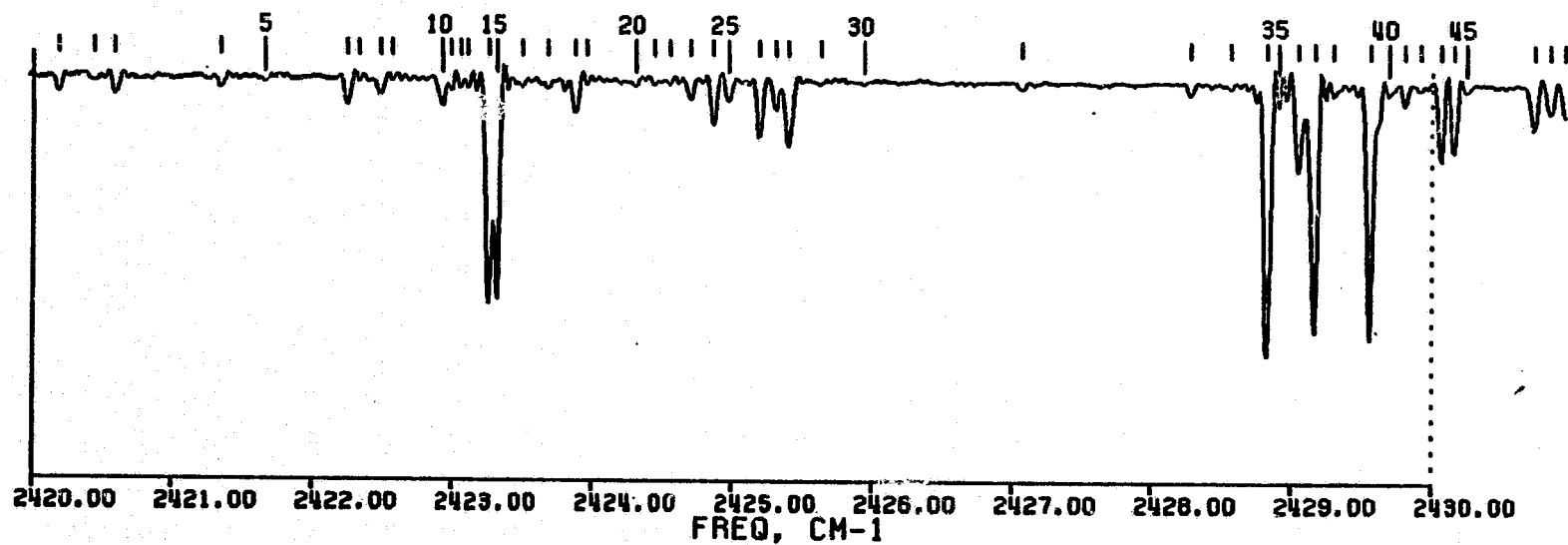
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10	82.075	82.124	82.193	82.246	82.309	82.499	82.584	82.645	82.976	83.095
20	83.360	83.669	83.772	83.850	84.037	84.186	84.271	84.330	84.390	84.450
30	84.510	84.569	84.689	84.750	84.938	85.166	85.272	85.356	85.501	85.774
40	85.918	86.049	86.142	86.203	86.527	86.648	86.853	86.928	87.032	87.100
50	87.183	87.254	87.344	87.406	87.521	87.637	87.701	87.764	87.964	88.040
60	88.157	88.211	88.277	88.399	88.635	88.876	88.938	88.999	89.060	89.118
70	89.297	89.434	89.553	89.638	89.751	89.924	89.993	90.061	90.230	90.414
80	90.526	90.598	90.892	91.105	91.335	91.651	92.797	92.916	93.188	94.178
90	94.251	94.603	94.917	95.500	95.629	95.805	95.958	96.176	96.299	96.385
100	96.445	96.504	96.563	96.631	96.805	96.926	97.037	97.340	97.707	98.270
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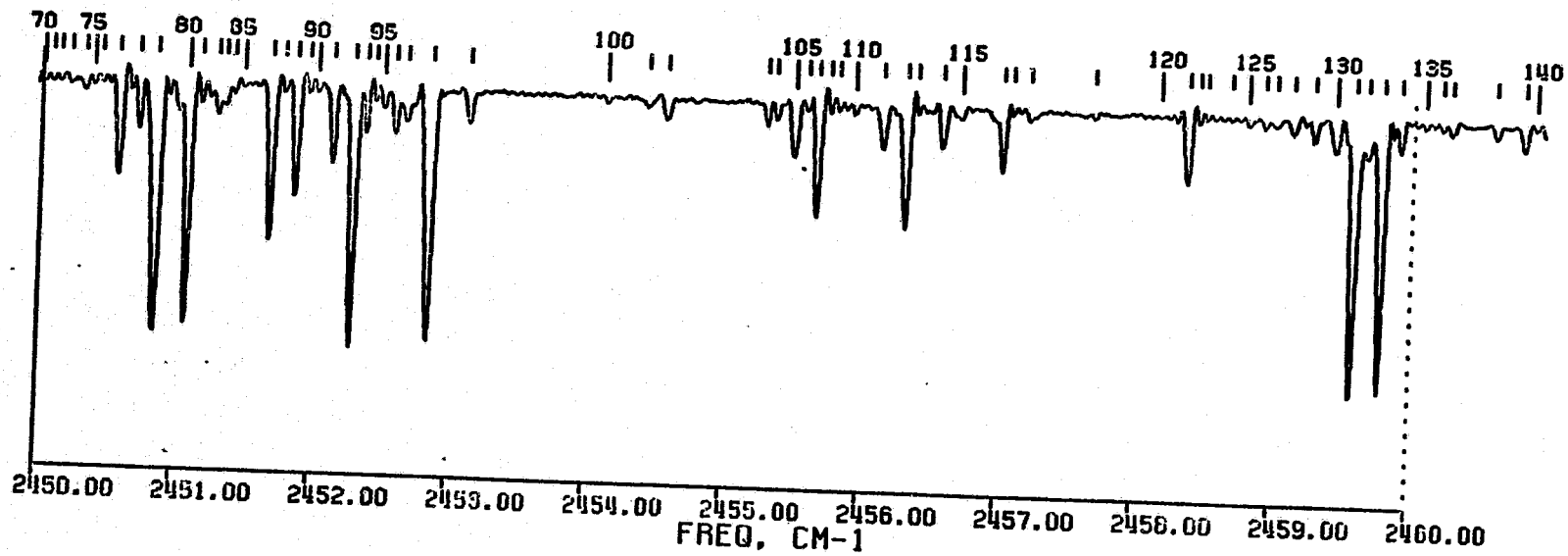
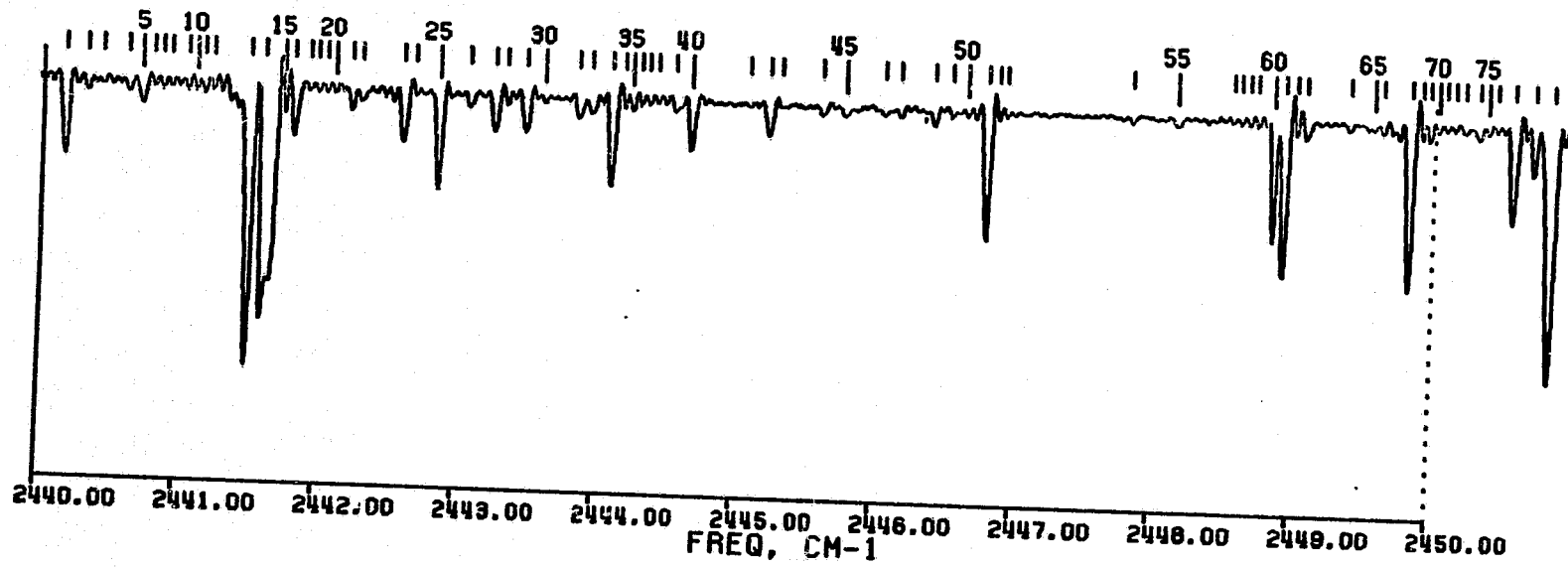
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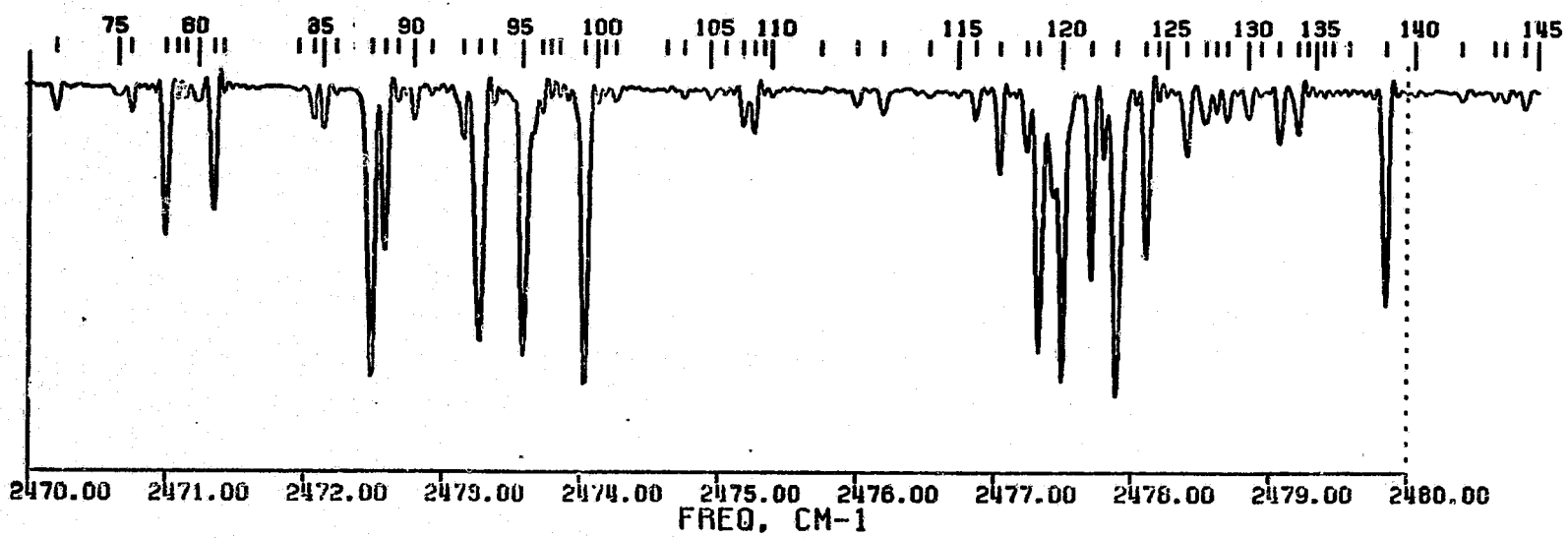
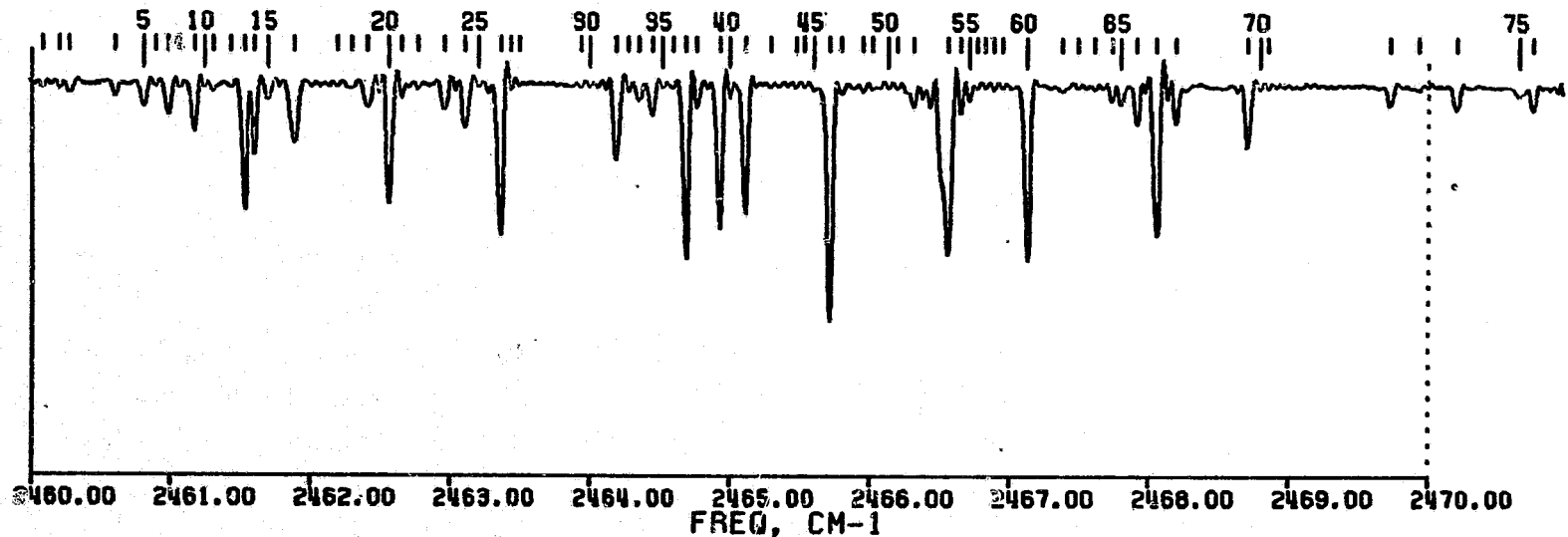


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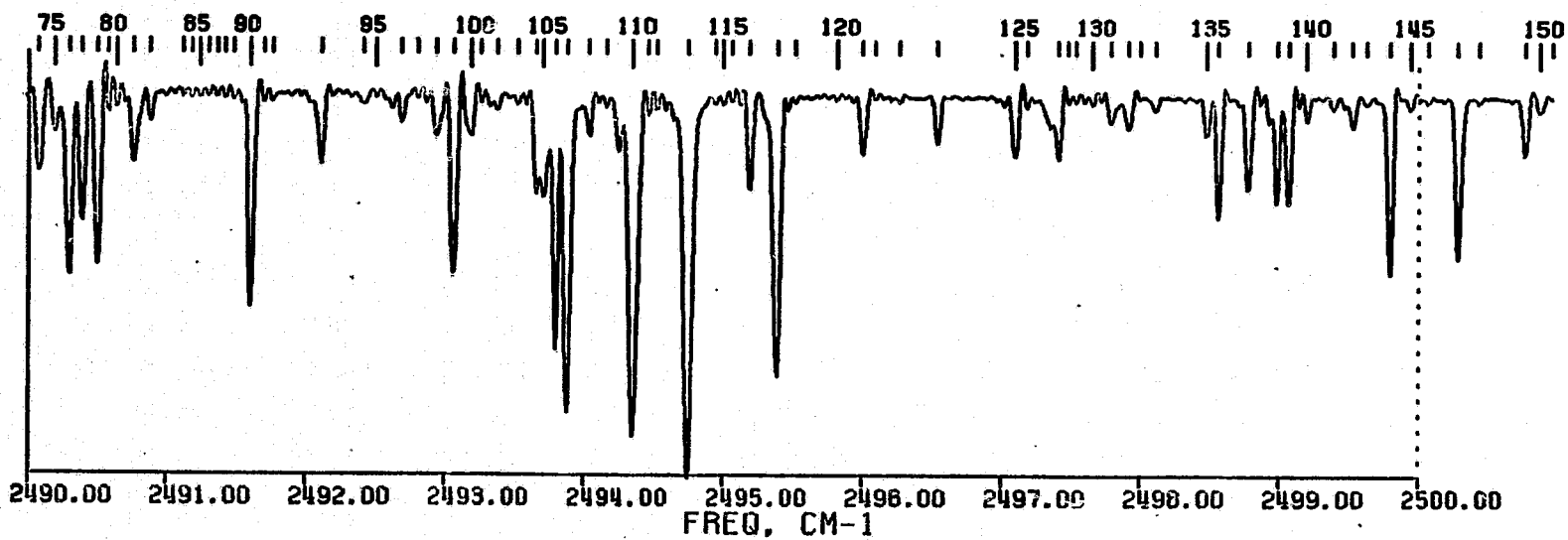
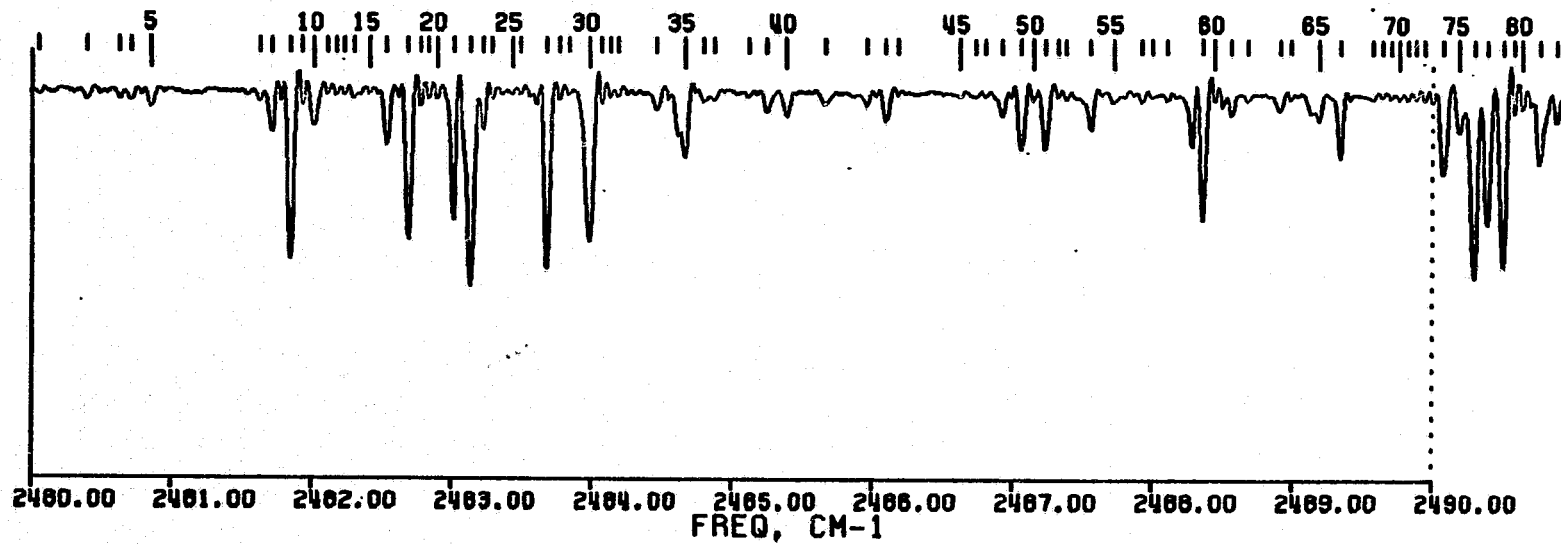
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10	61.233	61.295	61.426	61.524	61.591	61.688	61.881	62.190	62.293	62.407
20	62.558	62.650	62.766	62.957	63.103	63.202	63.361	63.435	63.495	63.937
30	64.000	64.187	64.276	64.352	64.446	64.519	64.593	64.688	64.764	64.929
40	65.002	65.112	65.293	65.474	65.536	65.606	65.715	65.800	65.955	66.023
50	66.138	66.200	66.315	66.559	66.653	66.714	66.771	66.831	66.892	66.953
60	67.131	67.379	67.495	67.614	67.735	67.800	67.914	68.055	68.191	68.702
70	68.792	68.852	69.724	69.929	70.201	70.651	70.748	70.995	71.082	71.143
80	71.235	71.345	71.420	71.957	72.068	72.138	72.228	72.488	72.583	72.678
90	72.788	72.920	73.155	73.273	73.375	73.589	73.728	73.793	73.854	74.036
100	74.128	74.184	74.262	74.631	74.757	74.948	75.055	75.184	75.265	75.335
110	75.395	75.748	76.007	76.199	76.536	76.742	76.867	77.043	77.242	77.327
120	77.497	77.708	77.890	78.105	78.195	78.256	78.400	78.535	78.611	78.688
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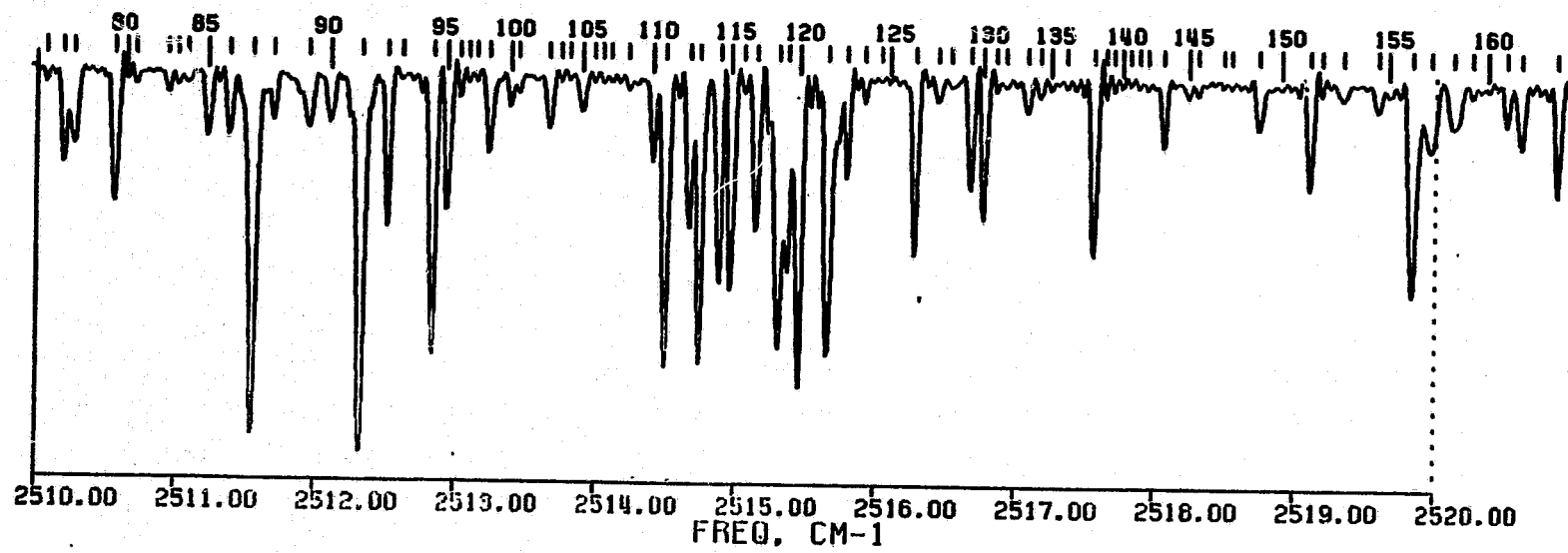
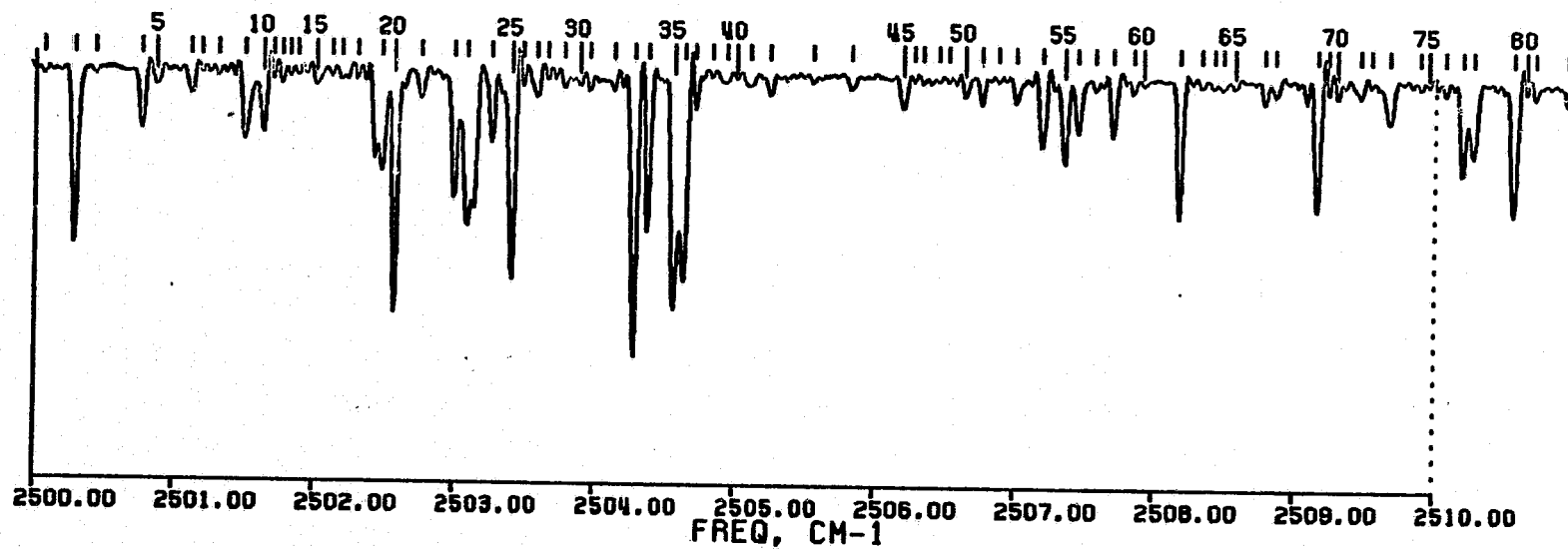
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10	82.011	82.109	82.170	82.229	82.296	82.410	82.532	82.687	82.774	82.833
20	82.893	83.010	83.133	83.222	83.289	83.430	83.493	83.679	83.769	83.837
30	83.984	84.072	84.133	84.186	84.463	84.665	84.800	84.875	85.119	85.249
40	85.390	85.663	85.959	86.096	86.182	86.625	86.738	86.809	86.927	87.062
50	87.148	87.233	87.325	87.384	87.559	87.721	87.923	87.995	88.103	88.354
60	88.440	88.559	88.678	88.904	88.983	89.185	89.339	89.574	89.641	89.703
70	89.762	89.822	89.881	89.943	90.076	90.190	90.299	90.390	90.503	90.580
80	90.638	90.760	90.880	91.119	91.179	91.238	91.298	91.359	91.419	91.481
90	91.602	91.695	91.757	92.108	92.414	92.504	92.687	92.804	92.934	93.060
100	93.186	93.262	93.376	93.526	93.658	93.709	93.797	93.879	94.038	94.162
110	94.352	94.465	94.525	94.750	94.943	95.003	95.064	95.191	95.391	95.518
120	95.818	96.004	96.094	96.269	96.541	97.039	97.182	97.411	97.483	97.536
130	97.654	97.785	97.913	97.998	98.106	98.473	98.560	98.773	98.981	99.065
140	99.197	99.390	99.526	99.627	99.794	99.941	100.066	100.280	100.430	100.759
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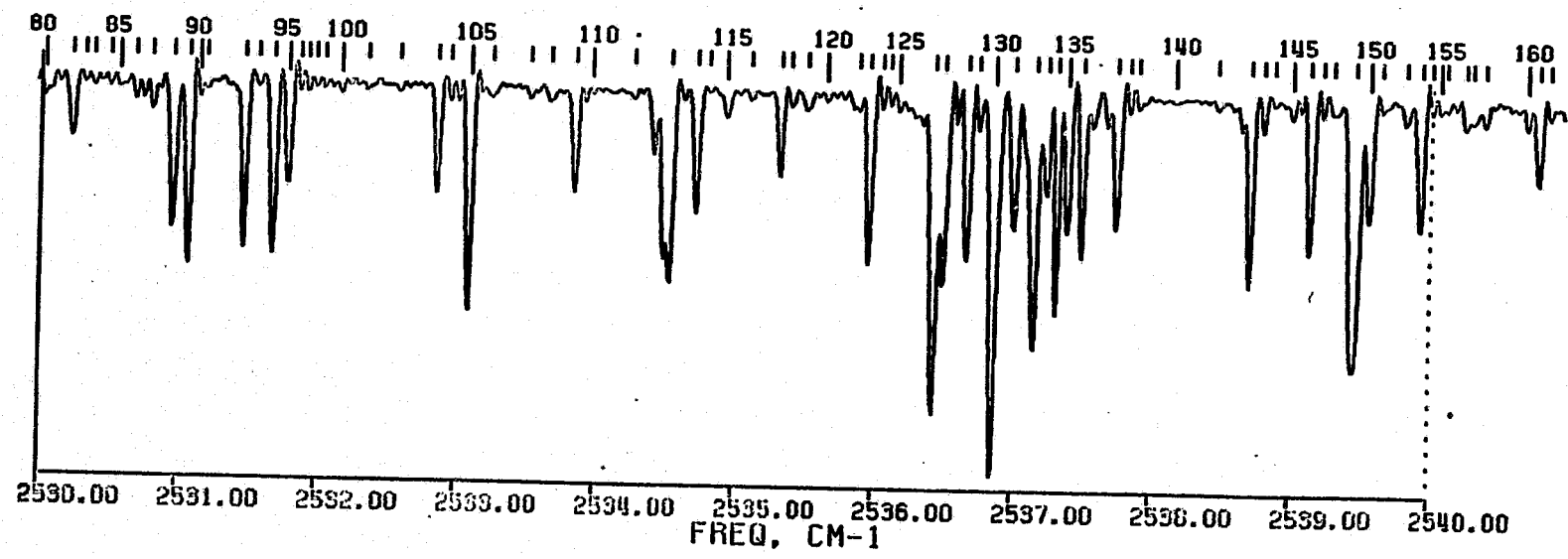
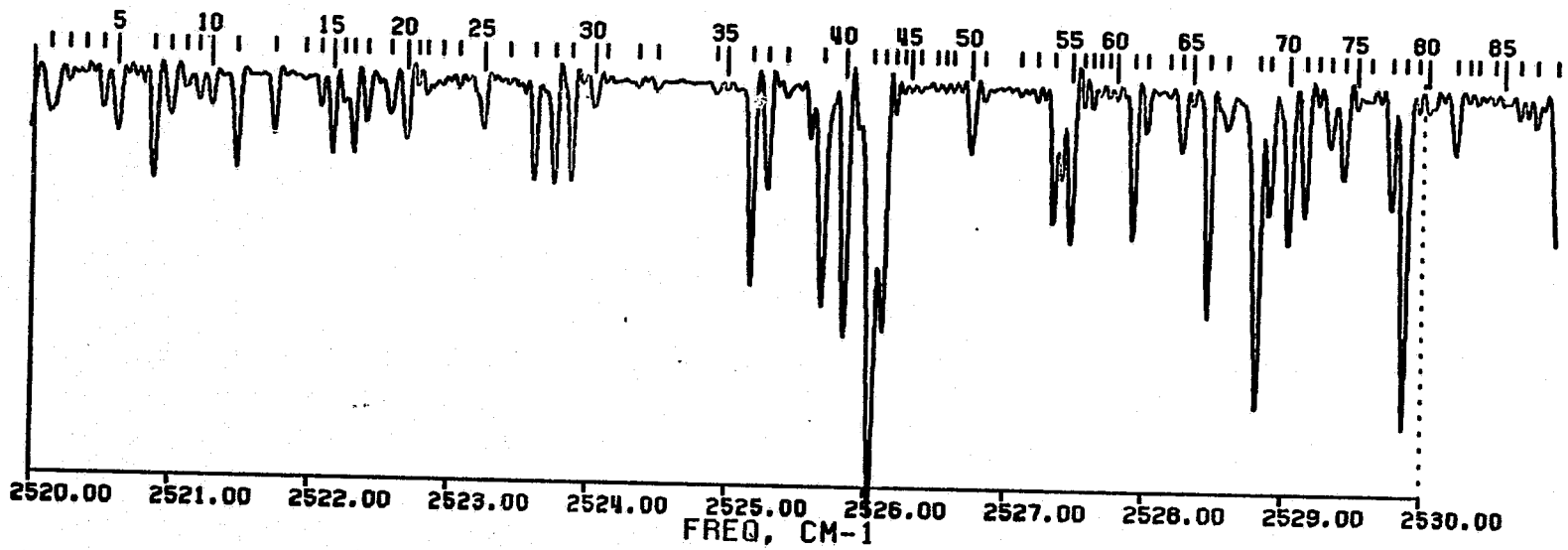
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40	5.010	5.103	5.249	5.553	5.828	6.197	6.276	6.338	6.453	6.517
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60	7.915	8.172	8.328	8.414	8.477	8.562	8.776	8.854	9.153	9.232
70	9.293	9.461	9.534	9.669	9.890	9.949	10.071	10.195	10.271	10.560
80	10.648	10.710	10.943	11.010	11.083	11.226	11.379	11.549	11.697	11.947
90	12.101	12.324	12.512	12.611	12.837	12.937	13.027	13.088	13.144	13.237
100	13.368	13.446	13.667	13.749	13.811	13.900	13.989	14.052	14.109	14.232
110	14.408	14.499	14.673	14.744	14.886	14.964	15.059	15.145	15.309	15.371
120	15.457	15.658	15.795	15.919	16.097	16.097	16.279	16.443	16.537	16.676
130	16.768	16.859	16.928	17.081	17.172	17.247	17.362	17.558	17.640	17.698
140	17.756	17.816	17.878	17.938	18.056	18.232	18.298	18.479	18.538	18.732
150	18.894	19.098	19.177	19.334	19.584	19.666	19.833	19.965	20.124	20.256
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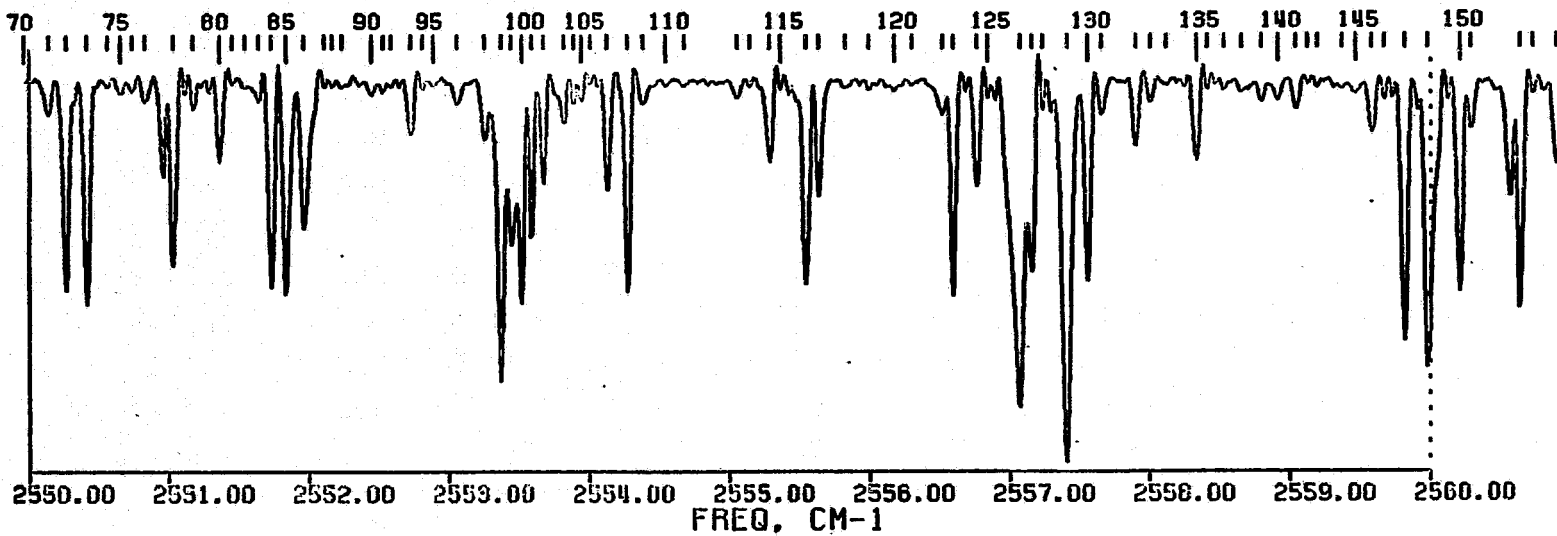
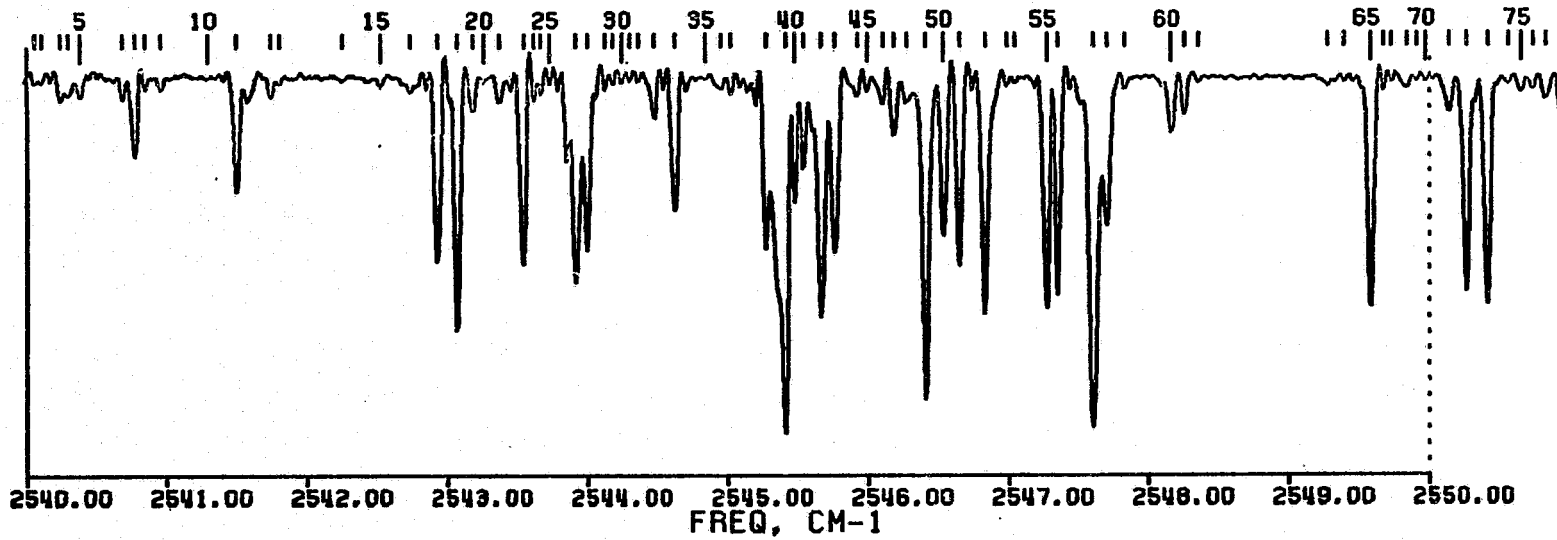
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20	22.681	22.760	22.825	22.936	23.058	23.235	23.418	23.602	23.748	23.870
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40	25.839	26.038	26.119	26.198	26.258	26.313	26.376	26.493	26.553	26.613
50	26.744	26.834	27.097	27.215	27.339	27.463	27.551	27.612	27.668	27.731
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70	29.028	29.144	29.237	29.324	29.422	29.514	29.615	29.771	29.867	29.959
80	30.028	30.227	30.319	30.382	30.501	30.571	30.682	30.804	30.953	31.069
90	31.144	31.196	31.465	31.566	31.675	31.780	31.862	31.921	31.980	32.039
100	32.157	32.346	32.577	32.851	32.941	33.087	33.242	33.516	33.663	33.843
110	33.968	34.264	34.533	34.718	34.808	34.932	35.110	35.320	35.396	35.513
120	35.854	35.886	35.960	36.049	36.108	36.170	36.433	36.499	36.667	36.745
130	36.861	37.004	37.154	37.238	37.311	37.387	37.491	37.739	37.826	37.893
140	38.159	38.462	38.698	38.787	38.867	38.995	39.127	39.213	39.290	39.454
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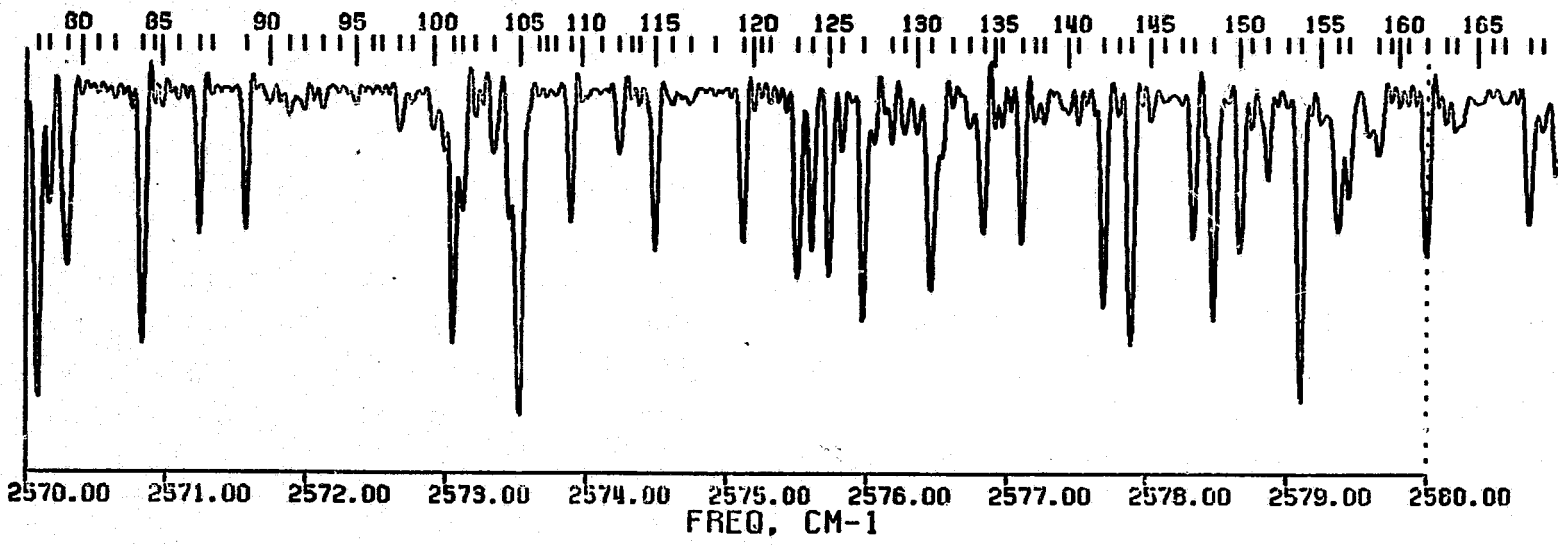
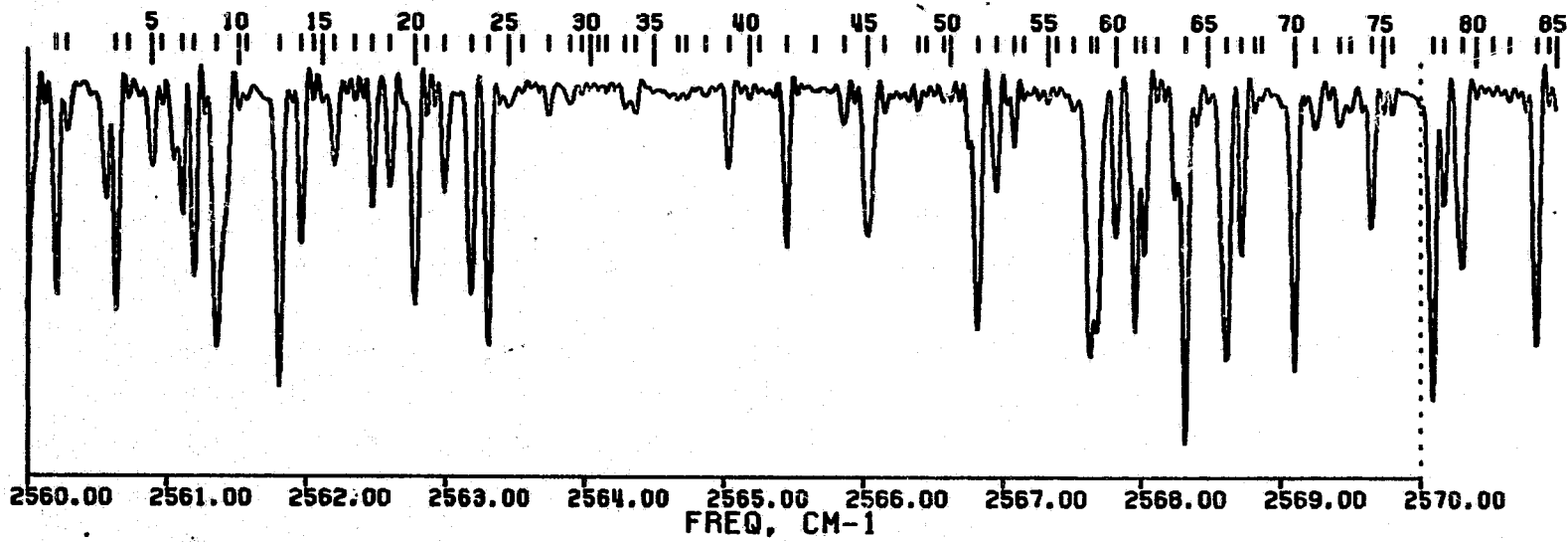


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20	43.256	43.370	43.542	43.617	43.667	43.730	43.918	43.999	44.125	44.181
30	44.243	44.302	44.364	44.478	44.626	44.842	44.951	45.023	45.273	45.411
40	45.478	45.540	45.668	45.764	45.923	45.993	46.104	46.183	46.275	46.411
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60	48.162	48.253	48.354	49.273	49.393	49.579	49.670	49.728	49.837	49.906
70	49.971	50.142	50.266	50.416	50.563	50.655	50.739	50.830	51.029	51.175
80	51.360	51.454	51.543	51.643	51.734	51.835	51.964	52.112	52.168	52.233
90	52.445	52.528	52.586	52.726	52.808	52.888	53.057	53.253	53.370	53.443
100	53.518	53.585	53.670	53.818	53.886	53.943	54.007	54.128	54.275	54.385
110	54.550	54.676	55.056	55.147	55.291	55.365	55.546	55.637	55.829	55.996
120	56.175	56.303	56.521	56.597	56.768	56.843	57.072	57.159	57.234	57.407
130	57.557	57.655	57.896	58.003	58.117	58.333	58.409	58.529	58.652	58.796
140	58.913	59.041	59.127	59.192	59.367	59.465	59.582	59.670	59.816	59.979
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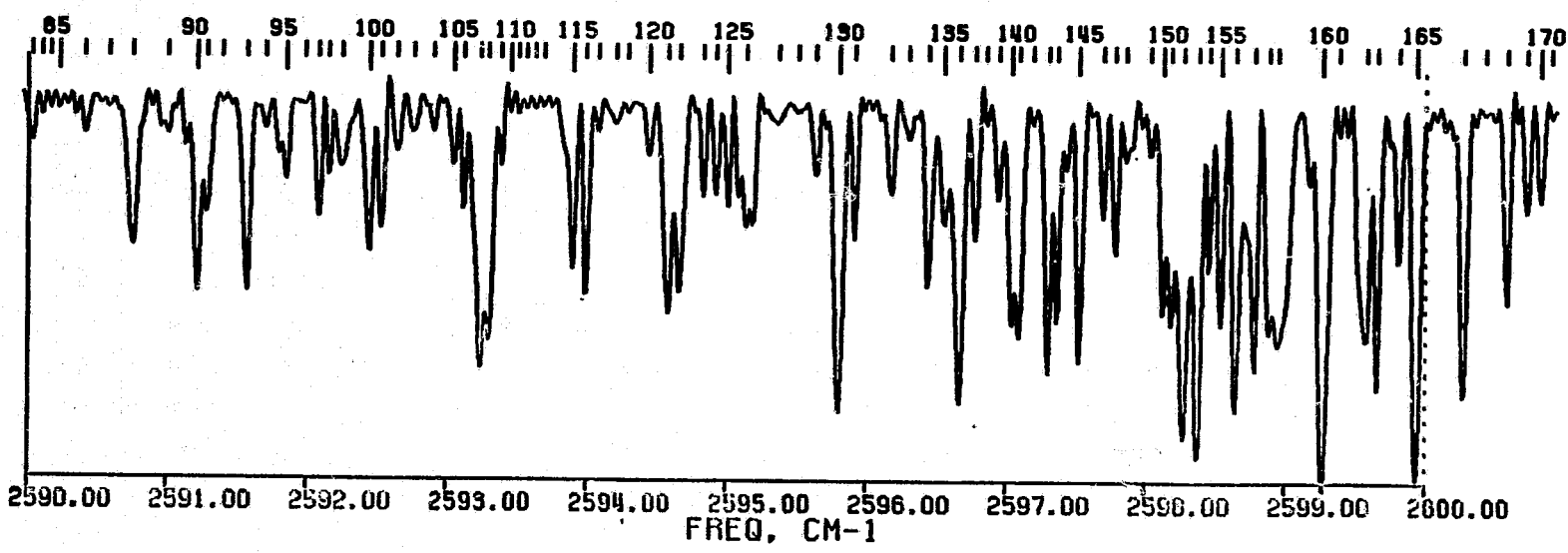
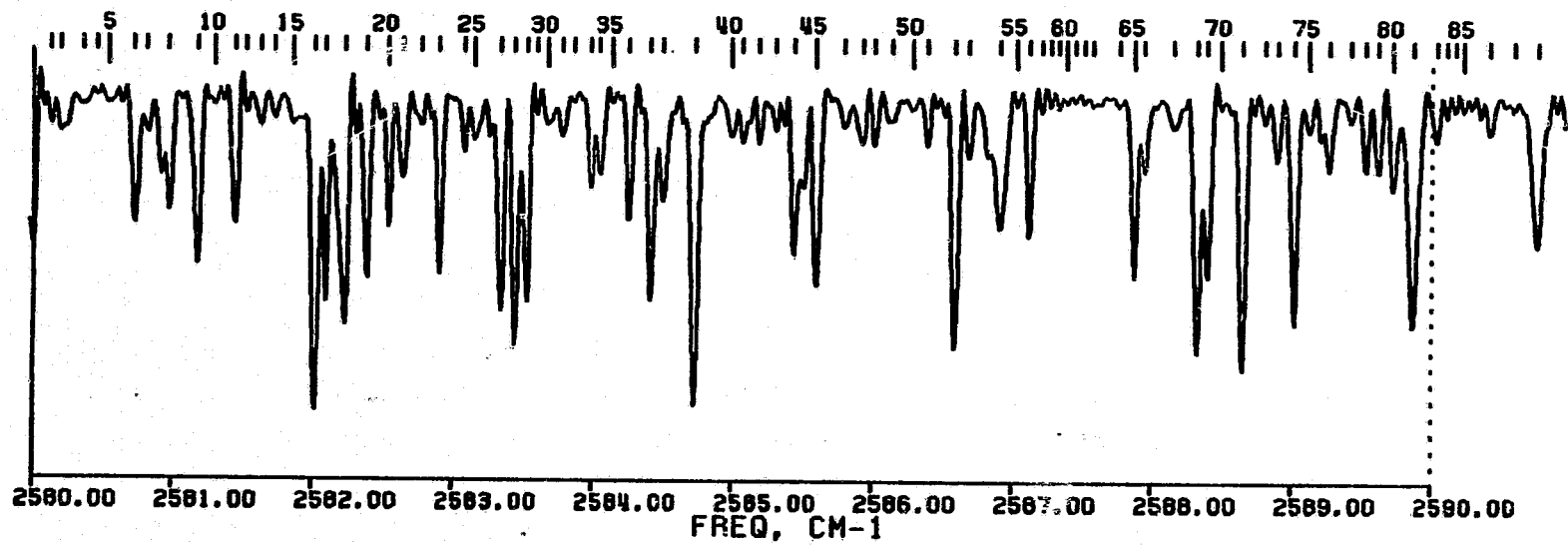


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60	67.815	67.954	68.018	68.109	68.315	68.474	68.609	68.714	68.807	68.857
70	69.096	69.244	69.419	69.493	69.646	69.734	69.796	70.089	70.167	70.297
80	70.399	70.516	70.636	70.830	70.916	70.970	71.087	71.237	71.326	71.569
90	71.740	71.878	71.987	72.118	72.234	72.353	72.474	72.536	72.664	72.753
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120	75.192	75.249	75.309	75.507	75.609	75.731	75.822	75.973	76.179	76.268
130	76.359	76.457	76.608	76.731	76.832	76.912	76.964	77.107	77.197	77.265
140	77.439	77.508	77.691	77.798	77.888	78.027	78.127	78.251	78.330	78.475
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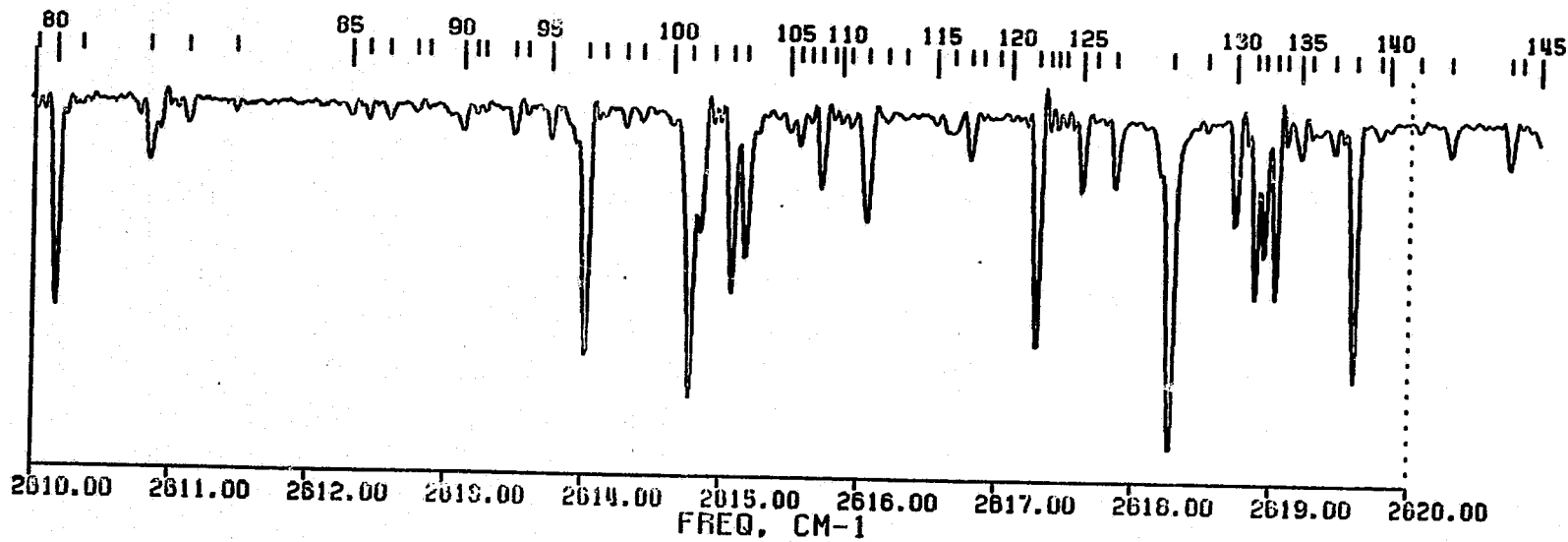
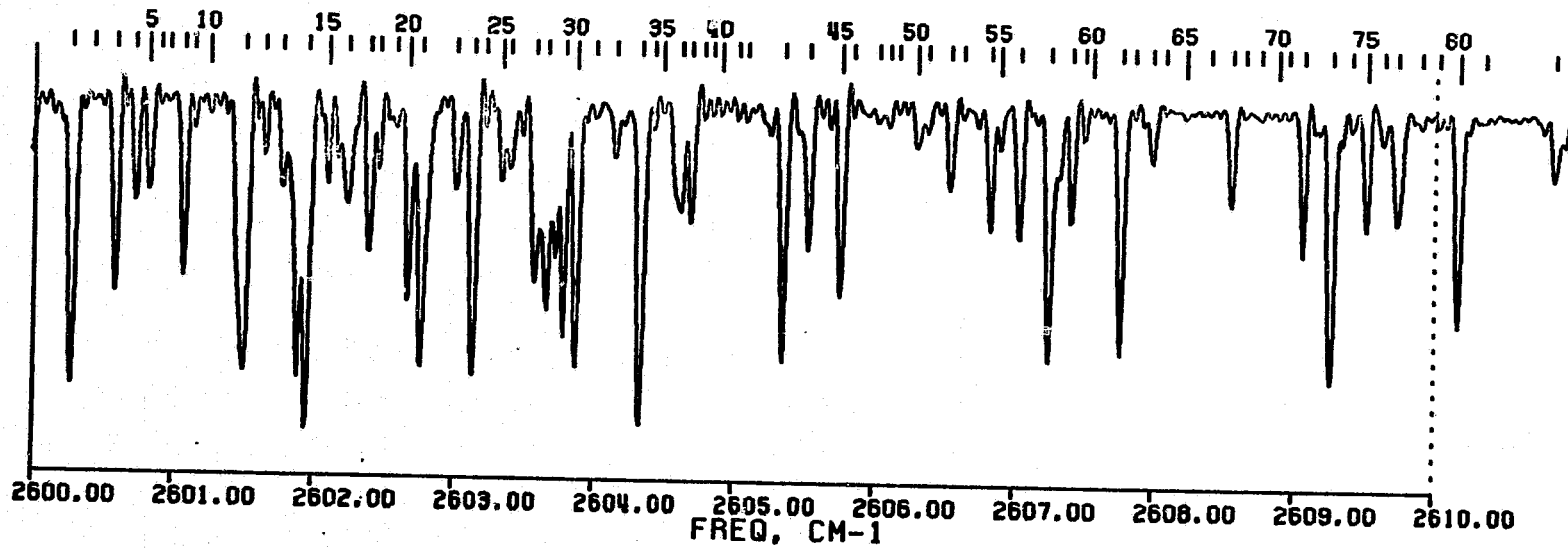


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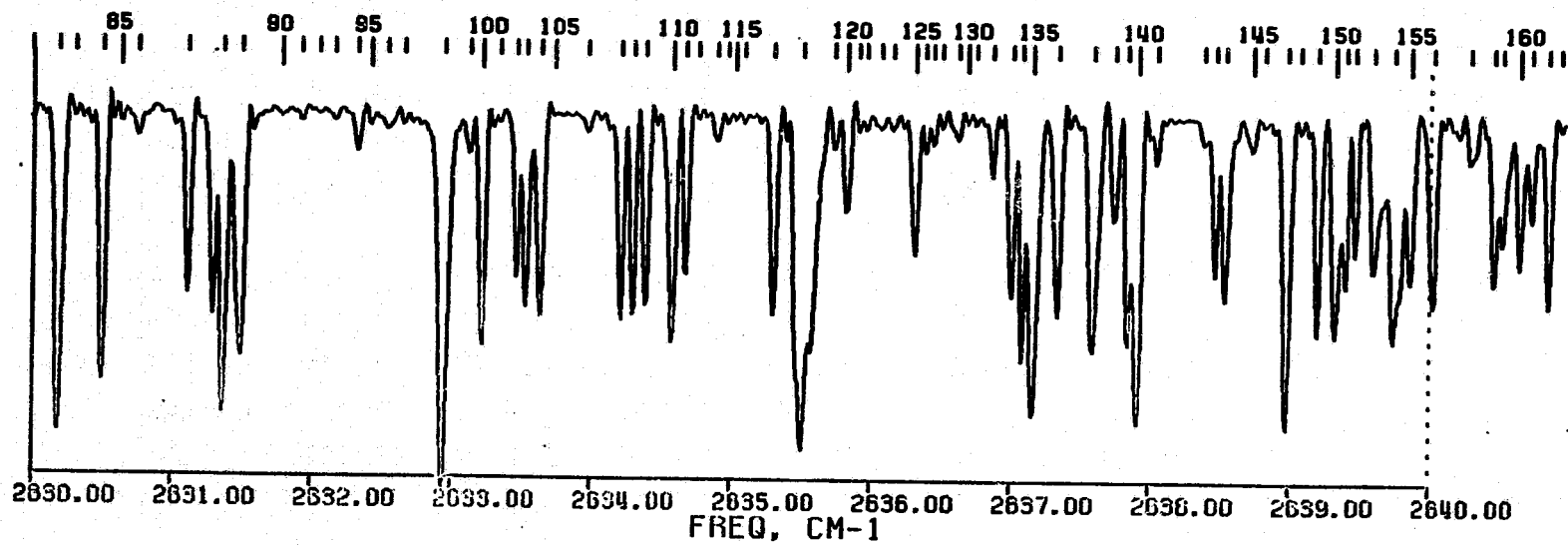
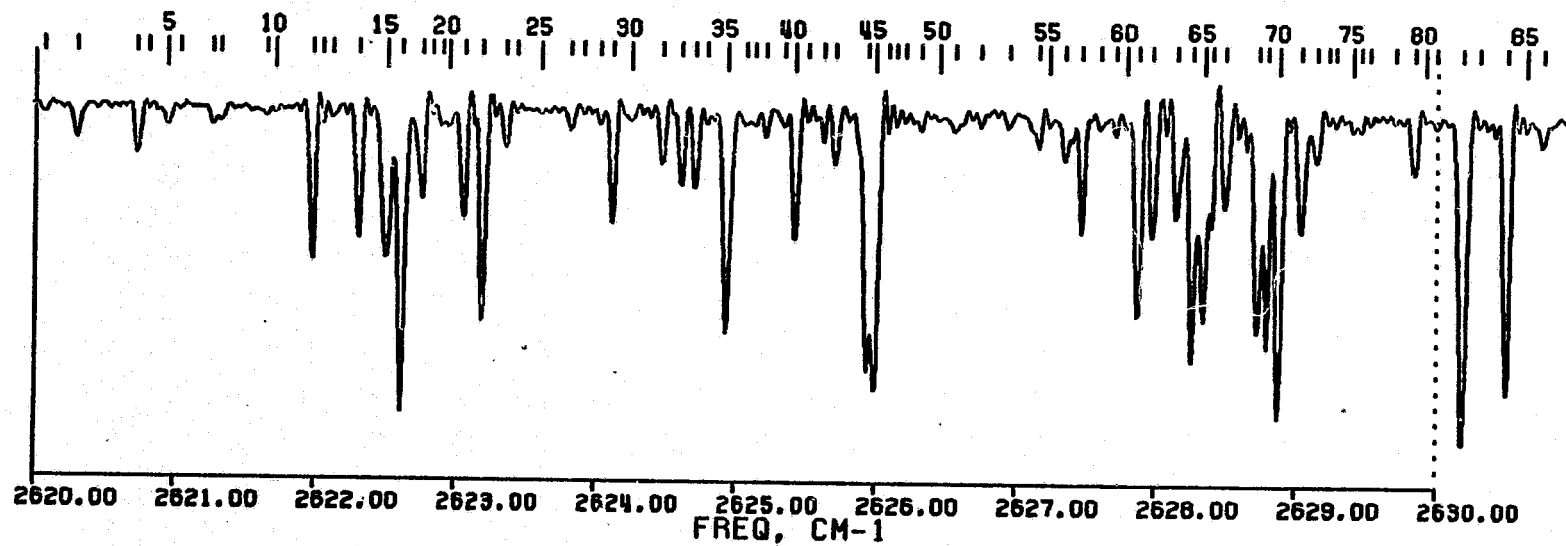
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40	4.900	5.020	5.082	5.349	5.529	5.757	5.840	6.020	6.098	6.165
50	6.300	6.372	6.534	6.624	6.824	6.890	7.032	7.247	7.402	7.491
60	7.552	7.759	7.849	7.977	8.069	8.214	8.389	8.542	8.634	8.749
70	8.875	8.940	9.054	9.258	9.398	9.506	9.626	9.729	9.897	10.021
80	10.168	10.346	10.844	11.122	11.467	12.303	12.430	12.582	12.776	12.863
90	13.117	13.212	13.274	13.488	13.582	13.756	14.020	14.149	14.299	14.419
100	14.641	14.779	14.938	15.078	15.176	15.494	15.566	15.647	15.723	15.810
110	15.868	15.935	16.056	16.197	16.329	16.553	16.684	16.804	16.893	17.012
120	17.102	17.296	17.379	17.436	17.493	17.617	17.714	17.859	18.270	18.522
130	18.731	18.880	18.942	19.028	19.099	19.204	19.282	19.447	19.599	19.775
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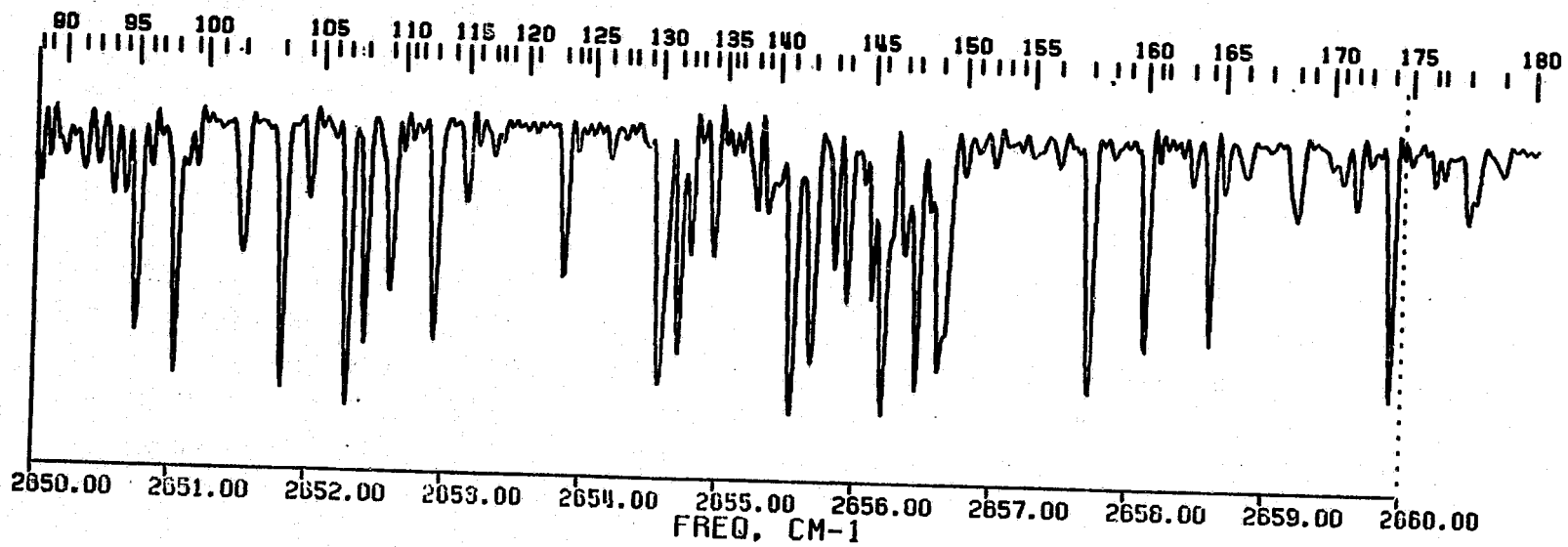
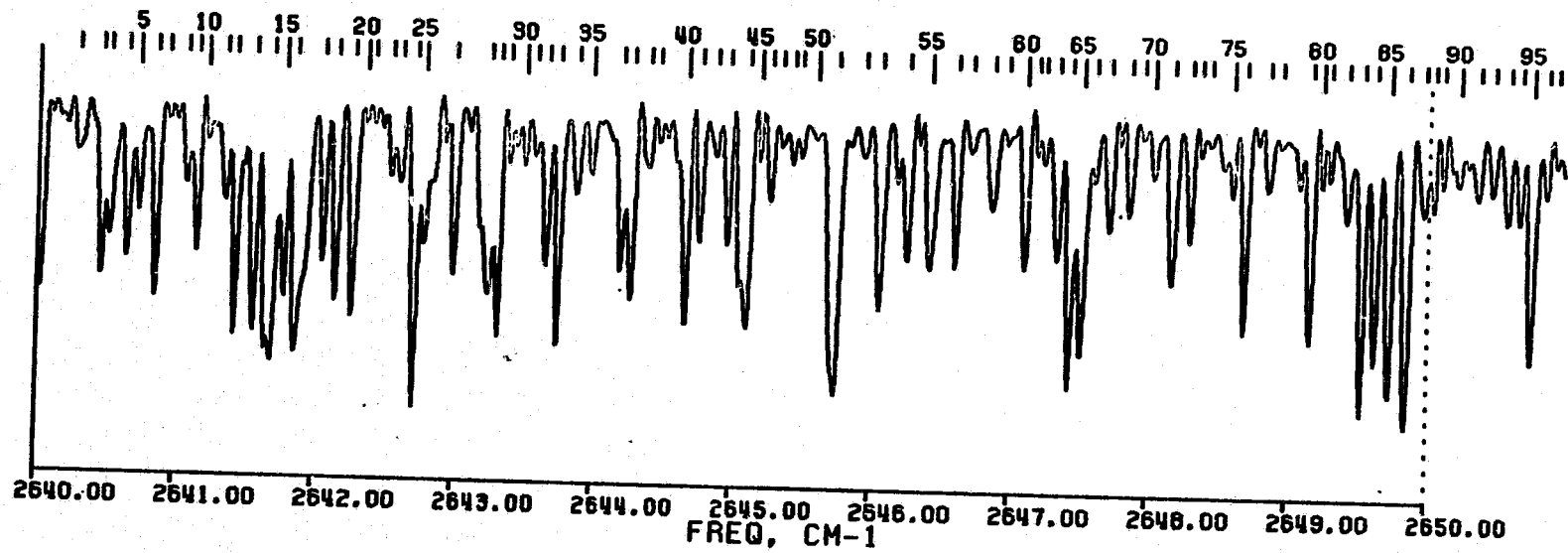


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20	22.948	23.059	23.192	23.357	23.435	23.610	23.820	23.912	24.032	24.120
30	24.256	24.475	24.610	24.708	24.792	24.936	25.069	25.137	25.210	25.346
40	25.422	25.512	25.626	25.707	25.938	25.992	26.086	26.144	26.205	26.319
50	26.448	26.562	26.746	26.944	27.160	27.236	27.348	27.468	27.597	27.707
60	27.785	27.872	27.972	28.141	28.255	28.338	28.395	28.486	28.723	28.790
70	28.872	29.029	29.139	29.220	29.275	29.399	29.452	29.518	29.698	29.836
80	29.919	29.994	30.183	30.301	30.498	30.636	30.752	31.111	31.363	31.492
90	31.783	31.924	32.048	32.162	32.321	32.415	32.539	32.653	32.940	33.124
100	33.218	33.342	33.463	33.528	33.636	33.733	33.974	34.213	34.298	34.388
110	34.579	34.673	34.763	34.896	34.972	35.031	35.093	35.302	35.510	35.738
120	35.826	35.912	35.965	36.075	36.154	36.317	36.389	36.446	36.508	36.622
130	36.690	36.751	36.868	37.007	37.082	37.161	37.338	37.588	37.743	37.838
140	37.911	38.043	38.384	38.464	38.533	38.729	38.816	38.974	39.070	39.193
150	39.319	39.394	39.462	39.594	39.738	39.857	40.022	40.287	40.457	40.516
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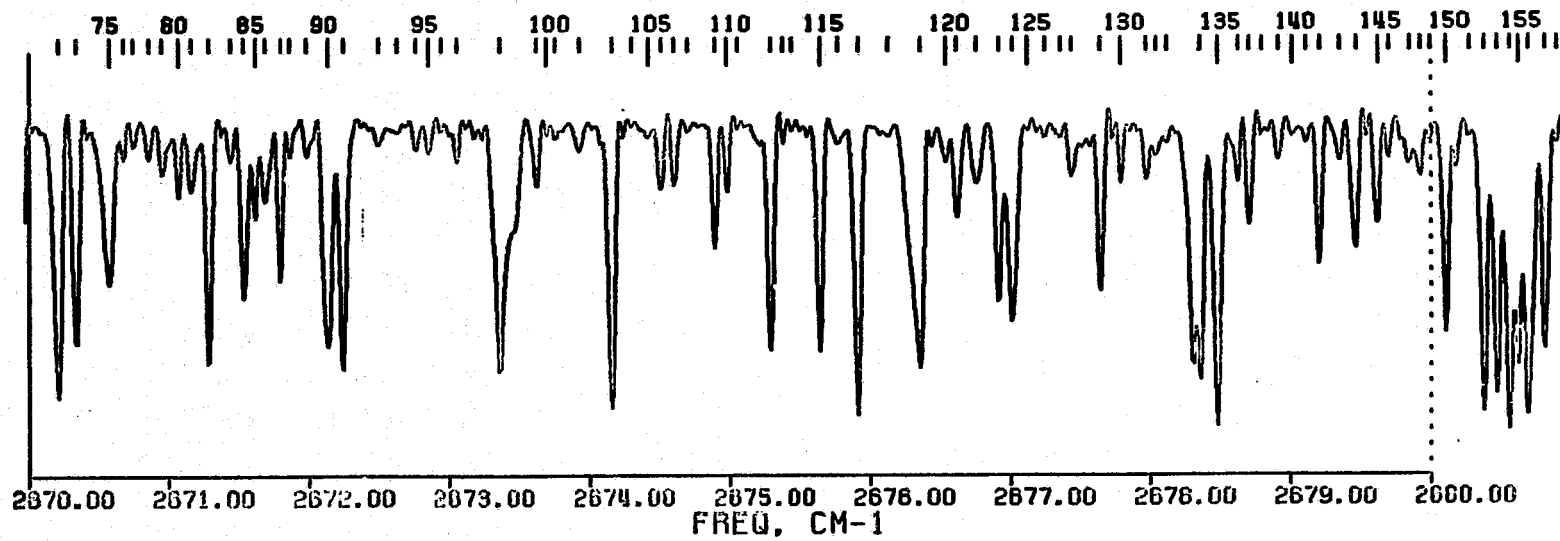
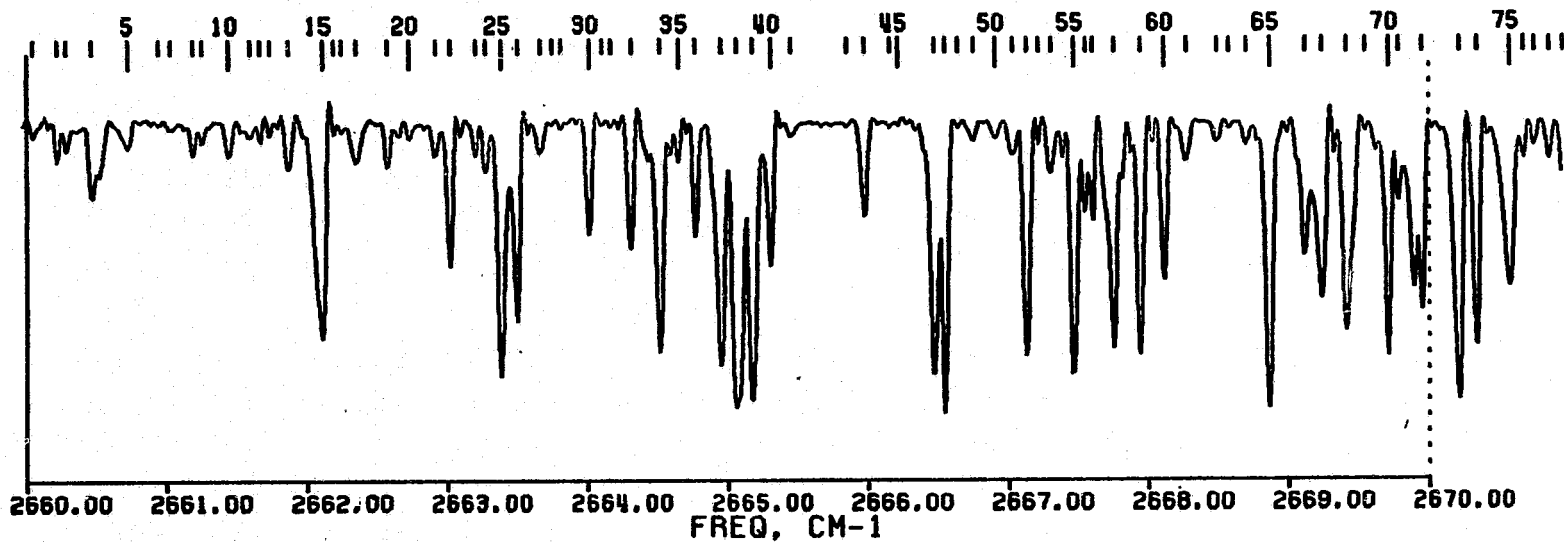


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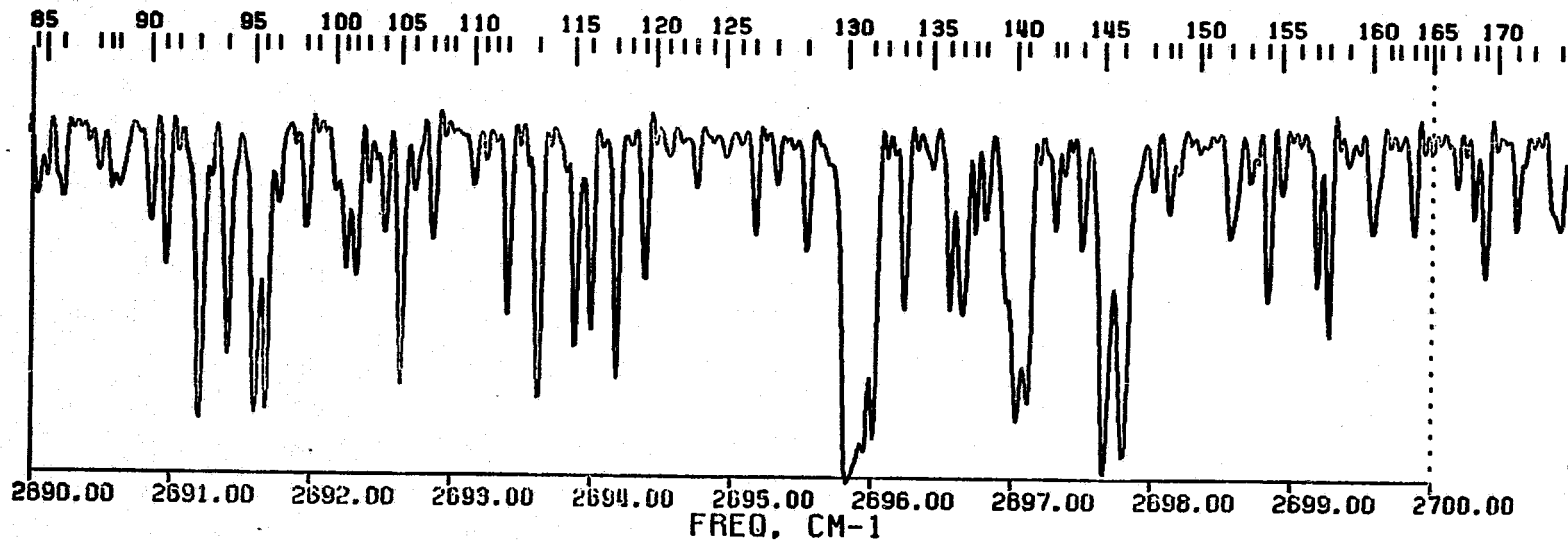
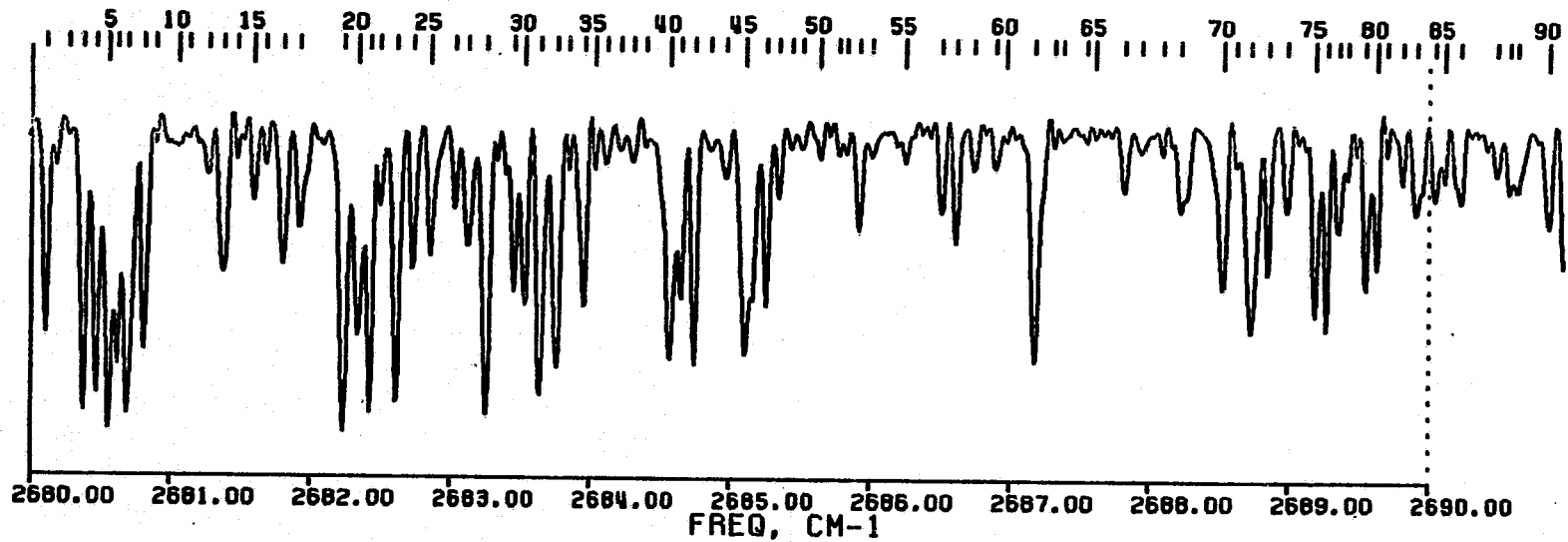
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20	62.729	62.912	63.020	63.201	63.274	63.386	63.501	63.663	63.747	63.812
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50	66.907	67.031	67.131	67.215	67.301	67.466	67.546	67.601	67.751	67.940
60	68.112	68.268	68.486	68.574	68.694	68.864	69.114	69.237	69.412	69.541
70	69.710	69.781	69.951	70.214	70.339	70.576	70.674	70.746	70.855	70.952
80	71.069	71.159	71.283	71.438	71.532	71.612	71.681	71.792	71.859	71.980
90	72.132	72.240	72.492	72.630	72.763	72.854	72.940	73.056	73.362	73.625
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120	76.544	76.621	76.759	76.917	77.016	77.124	77.246	77.358	77.438	77.643
130	77.790	77.972	78.036	78.116	78.357	78.480	78.627	78.705	78.793	78.912
140	79.013	79.110	79.205	79.350	79.465	79.618	79.695	79.842	79.923	79.990
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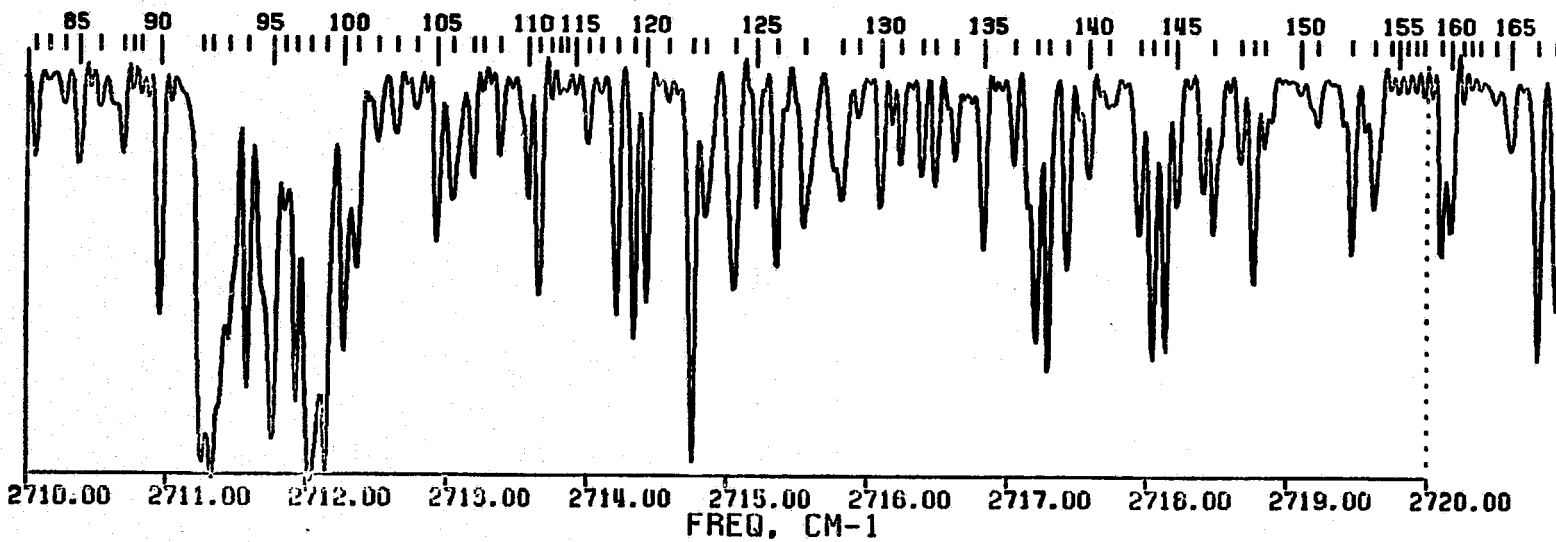
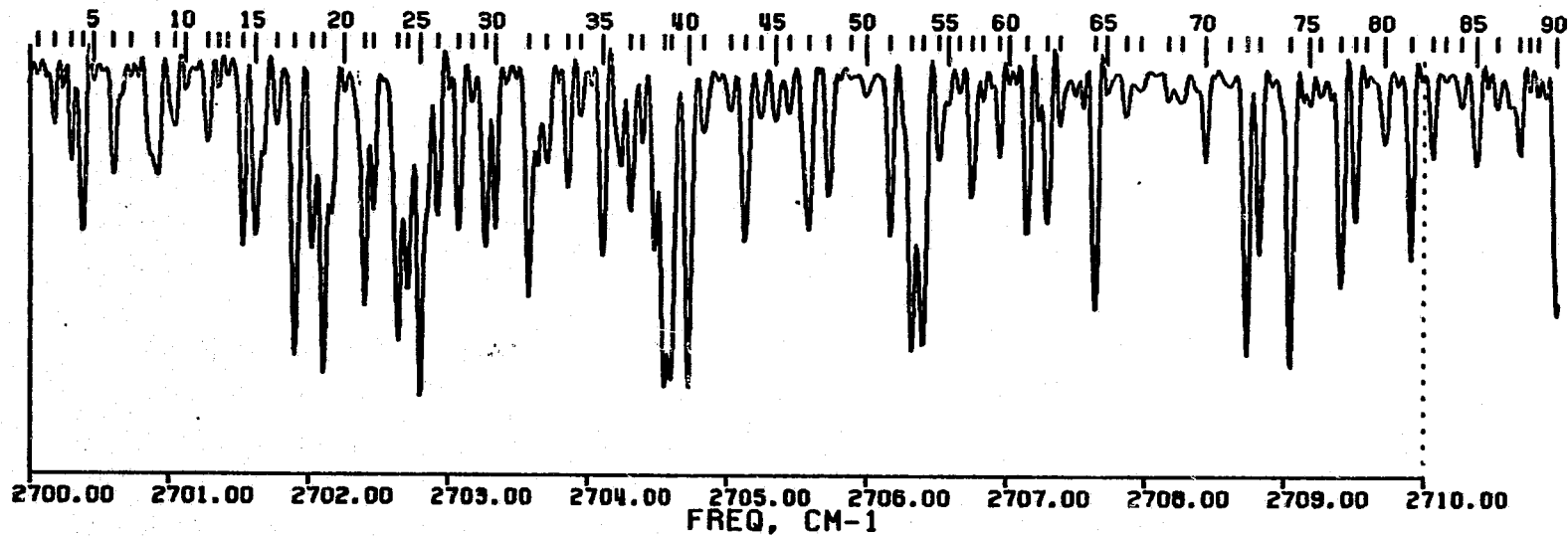
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20	82.938	82.426	82.496	82.612	82.732	82.856	83.031	83.125	83.256	83.454
30	83.534	83.640	83.760	83.847	83.959	84.032	84.116	84.216	84.307	84.397
40	84.573	84.654	84.748	84.864	84.973	85.111	85.261	85.351	85.440	85.517
50	85.649	85.779	85.831	85.924	86.016	86.256	86.515	86.616	86.746	86.898
60	86.976	87.181	87.316	87.383	87.547	87.614	87.820	87.942	88.092	88.223
70	88.528	88.622	88.728	88.849	88.985	89.184	89.268	89.353	89.415	89.546
80	89.627	89.697	89.809	89.906	90.039	90.108	90.226	90.483	90.573	90.627
90	90.854	90.961	91.051	91.203	91.405	91.600	91.679	91.766	91.964	92.047
100	92.172	92.251	92.319	92.406	92.526	92.642	92.737	92.868	92.952	93.015
110	93.159	93.247	93.321	93.401	93.621	93.882	93.997	94.180	94.289	94.385
120	94.461	94.555	94.651	94.751	94.871	94.962	95.072	95.172	95.325	95.538
130	95.834	96.016	96.112	96.236	96.325	96.434	96.561	96.652	96.742	96.816
140	97.041	97.117	97.314	97.376	97.504	97.661	97.799	98.010	98.125	98.188
150	98.343	98.394	98.562	98.702	98.833	98.928	99.063	99.182	99.267	99.402
160	99.574	99.699	99.763	99.869	99.942	99.998	100.058	100.175	100.298	100.379
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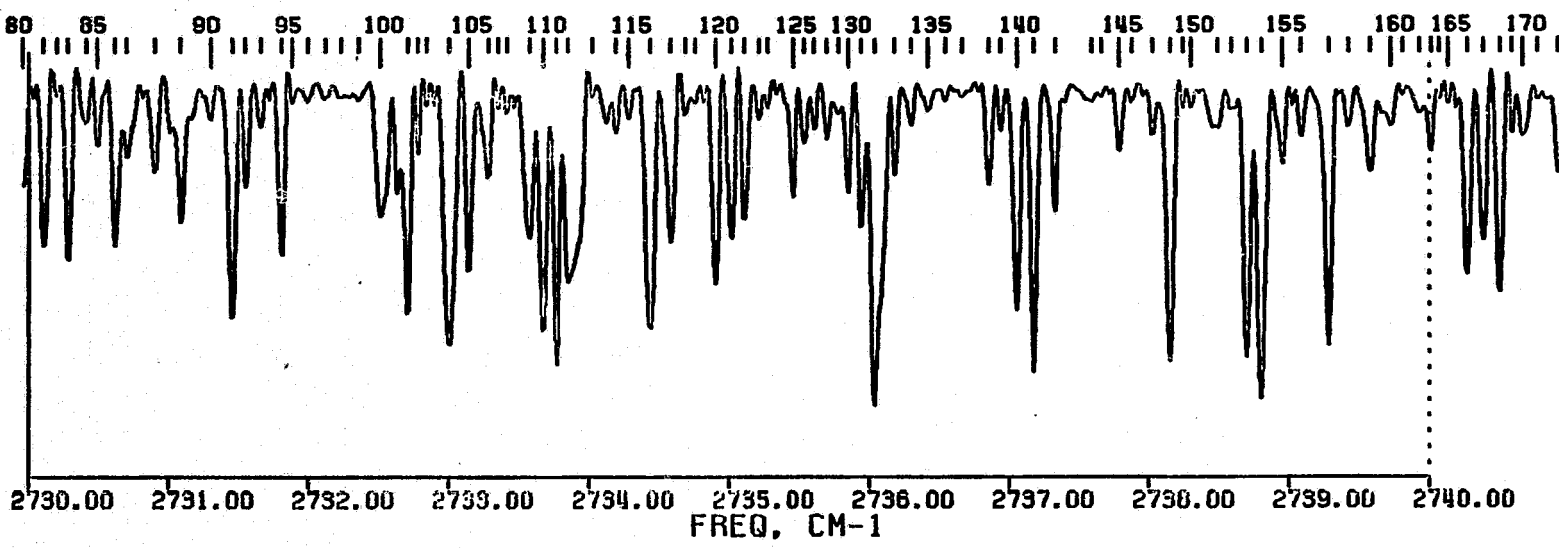
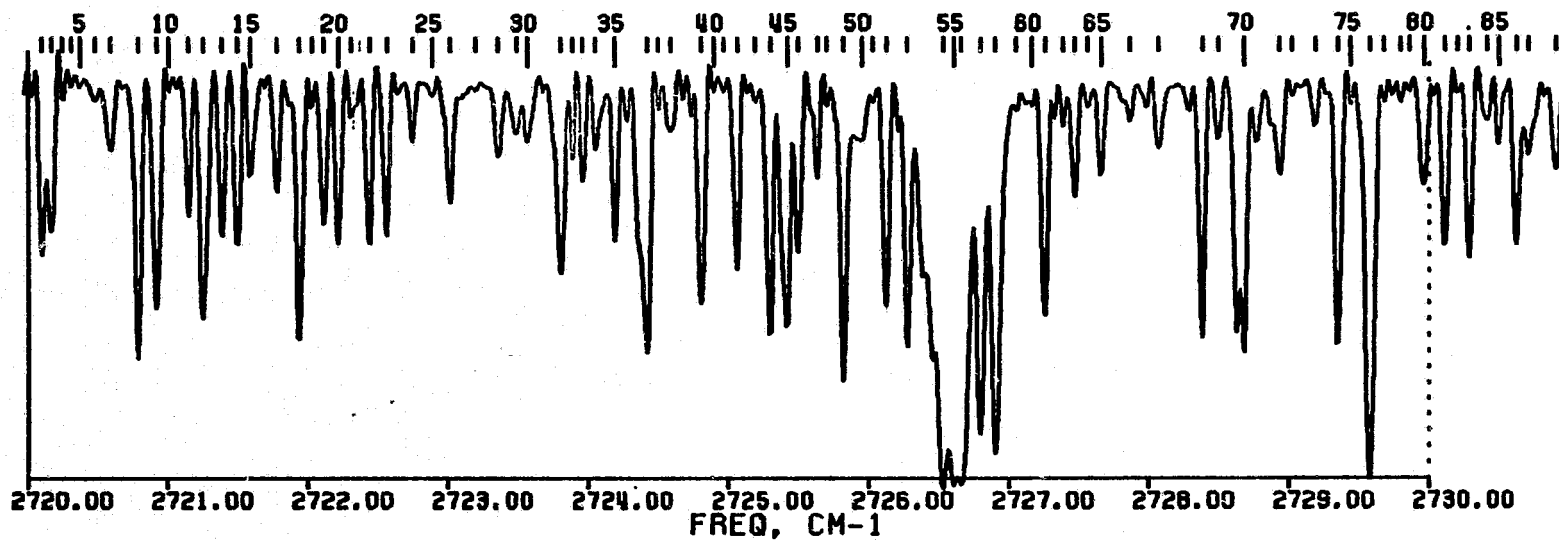
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40	4.726	4.836	5.027	5.132	5.244	5.351	5.447	5.589	5.730	5.893
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70	8.432	8.607	8.730	8.821	9.042	9.183	9.258	9.405	9.508	9.587
80	9.722	9.906	10.060	10.156	10.267	10.374	10.522	10.688	10.756	10.817
90	10.954	11.254	11.324	11.443	11.577	11.758	11.846	11.928	12.027	12.136
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120	14.427	14.579	14.757	14.848	15.054	15.213	15.357	15.552	15.819	15.937
130	16.097	16.241	16.392	16.485	16.629	16.835	17.049	17.210	17.294	17.430
140	17.586	17.723	17.947	18.041	18.132	18.210	18.472	18.667	18.762	18.834
150	19.096	19.217	19.463	19.620	19.737	19.793	19.854	19.913	19.974	20.099
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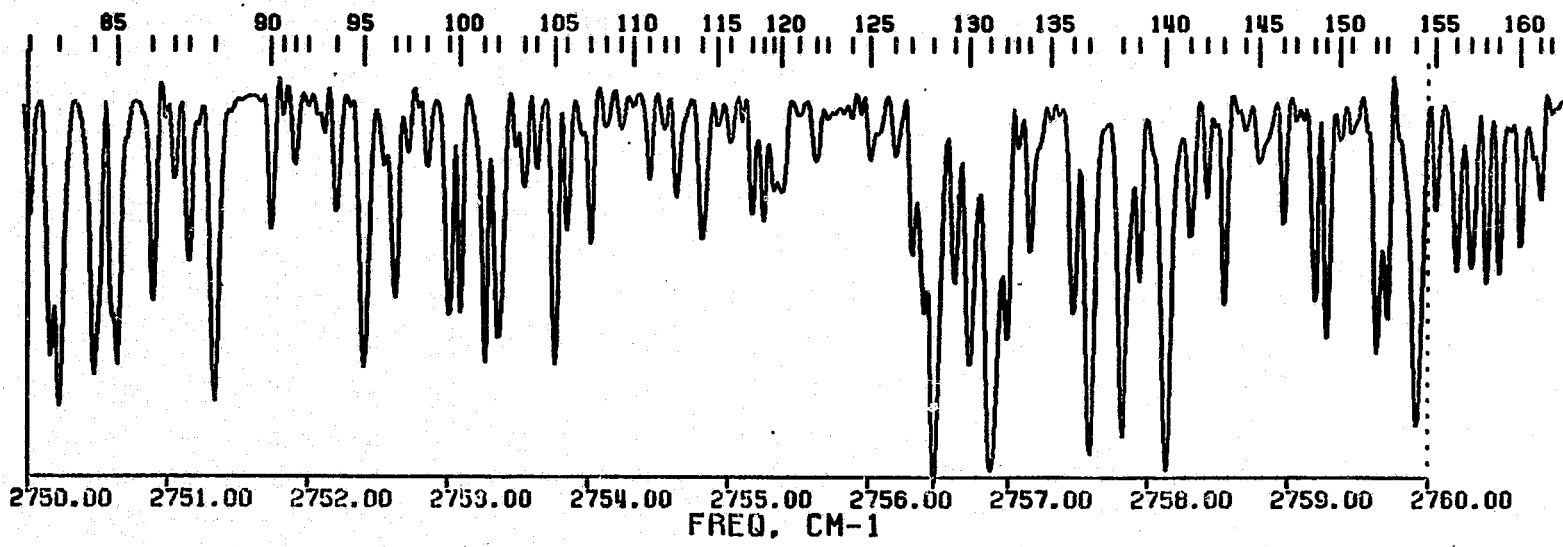
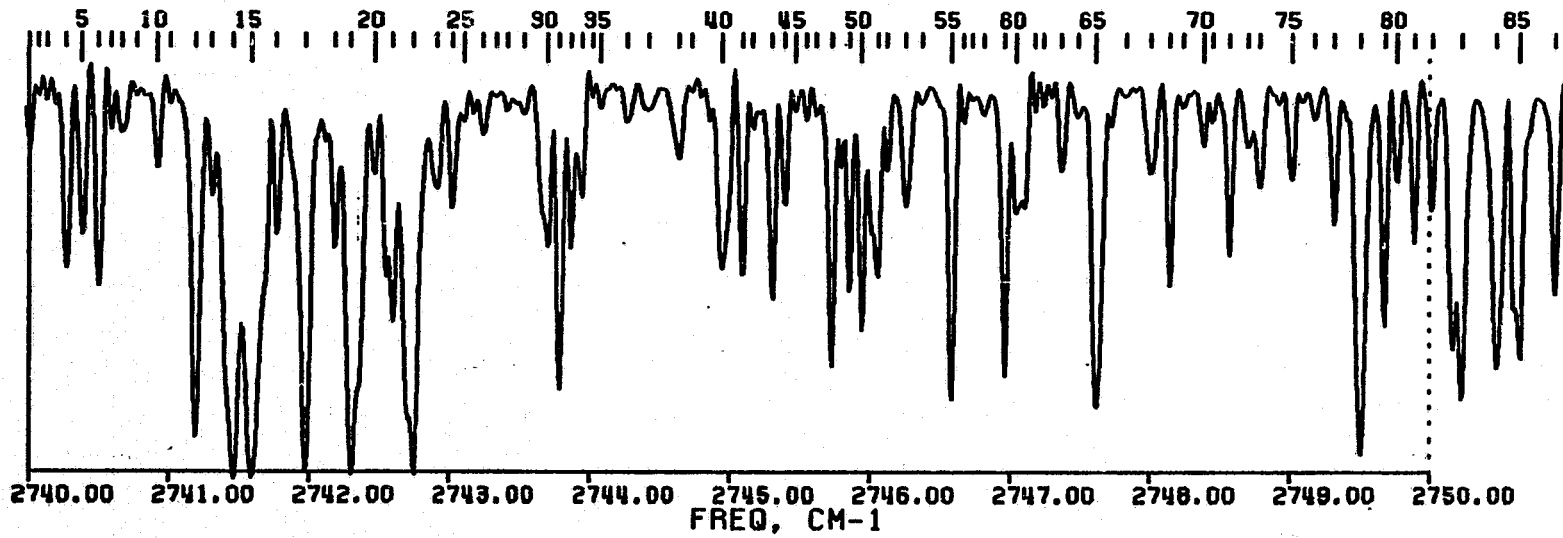
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30	23.566	23.805	23.889	23.960	24.052	24.192	24.421	24.500	24.589	24.807
40	24.894	24.968	25.062	25.193	25.300	25.420	25.497	25.636	25.704	25.822
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80	29.962	30.111	30.205	30.284	30.414	30.494	30.619	30.705	30.904	31.091
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130	35.853	35.947	36.041	36.187	36.303	36.424	36.546	36.668	36.856	36.942
140	37.058	37.179	37.329	37.593	37.658	37.787	37.875	38.027	38.151	38.240
150	38.298	38.491	38.585	38.695	38.800	38.952	39.085	39.285	39.424	39.581
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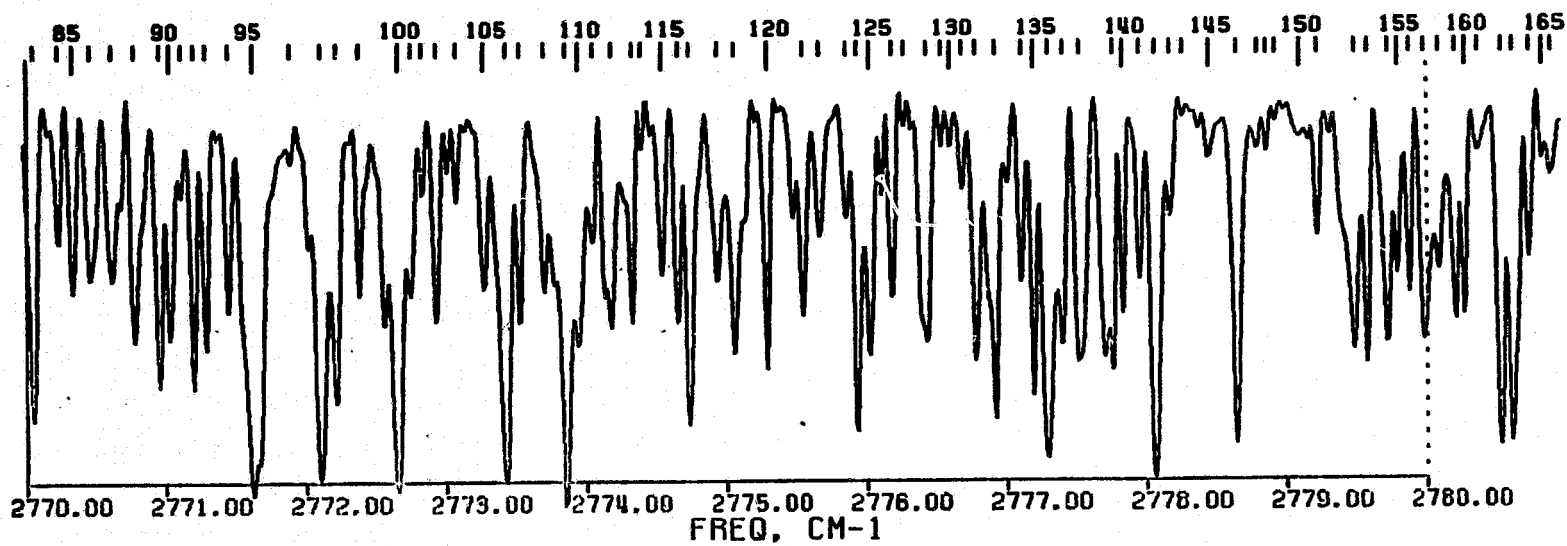
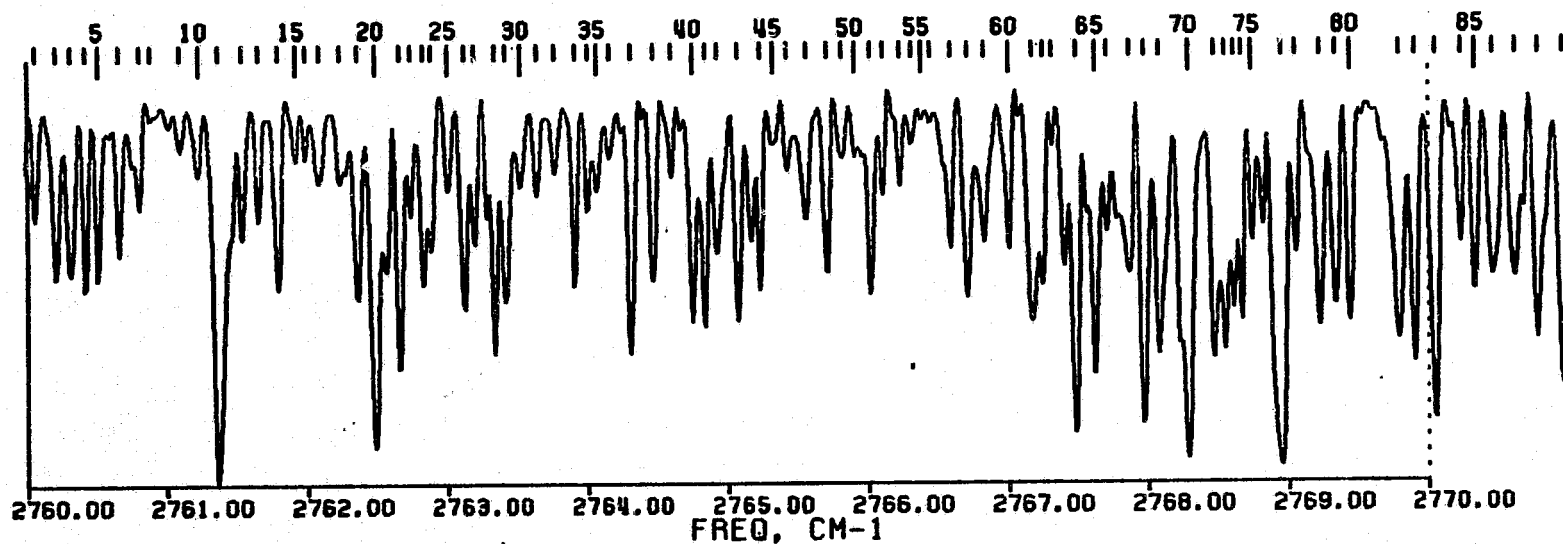
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40	44.952	45.098	45.172	45.312	45.400	45.475	45.555	45.627	45.734	45.859
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80	49.770	49.893	50.017	50.228	50.477	50.644	50.895	51.050	51.155	51.337
90	51.741	51.827	51.912	52.004	52.206	52.403	52.627	52.718	52.854	53.011
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140	58.132	58.305	58.423	58.546	58.698	58.796	58.968	59.060	59.197	59.280
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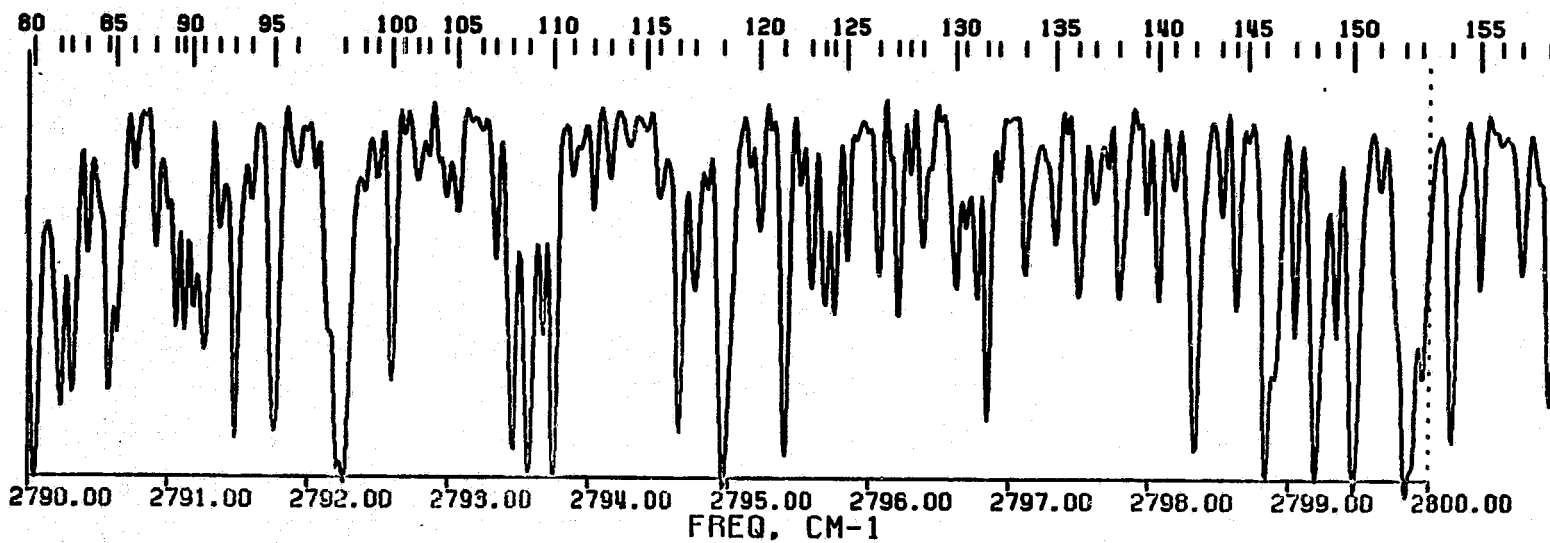
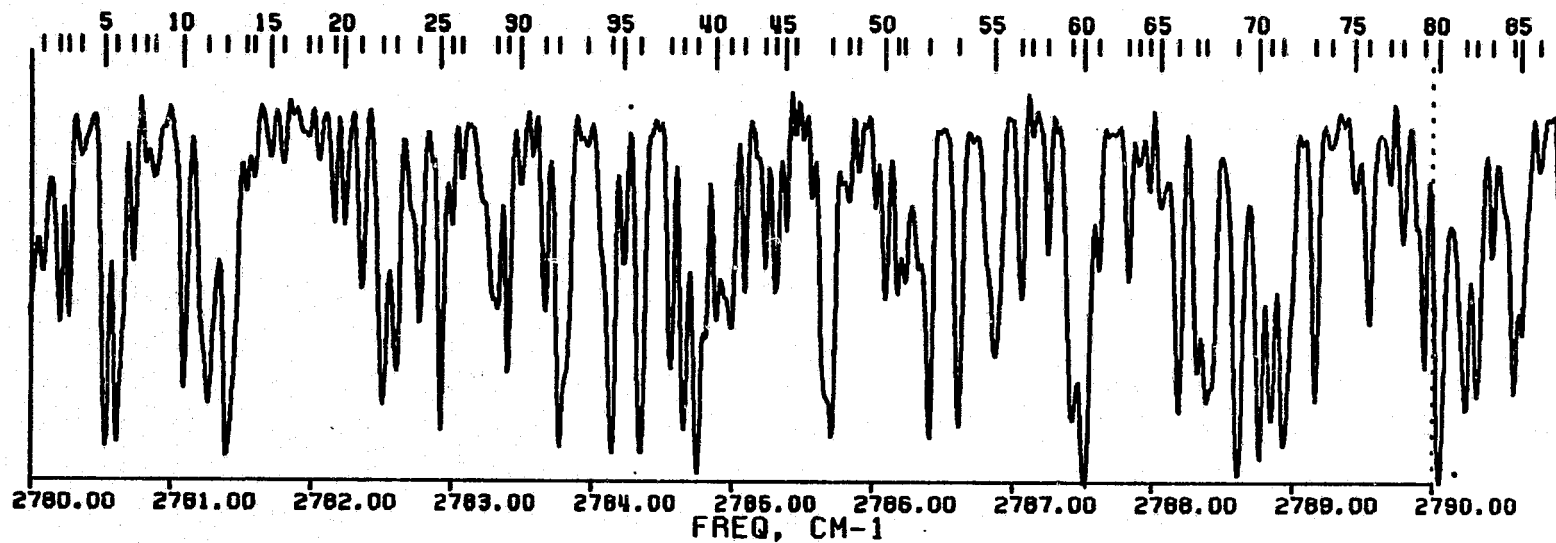
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70	68.282	68.466	68.545	68.607	68.664	68.735	68.948	69.049	69.220	69.335
80	69.437	69.790	69.901	70.049	70.229	70.329	70.456	70.613	70.775	70.954
90	71.027	71.106	71.197	71.285	71.444	71.622	71.888	72.103	72.215	72.378
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140	77.830	77.951	78.059	78.167	78.257	78.442	78.642	78.786	78.852	78.915
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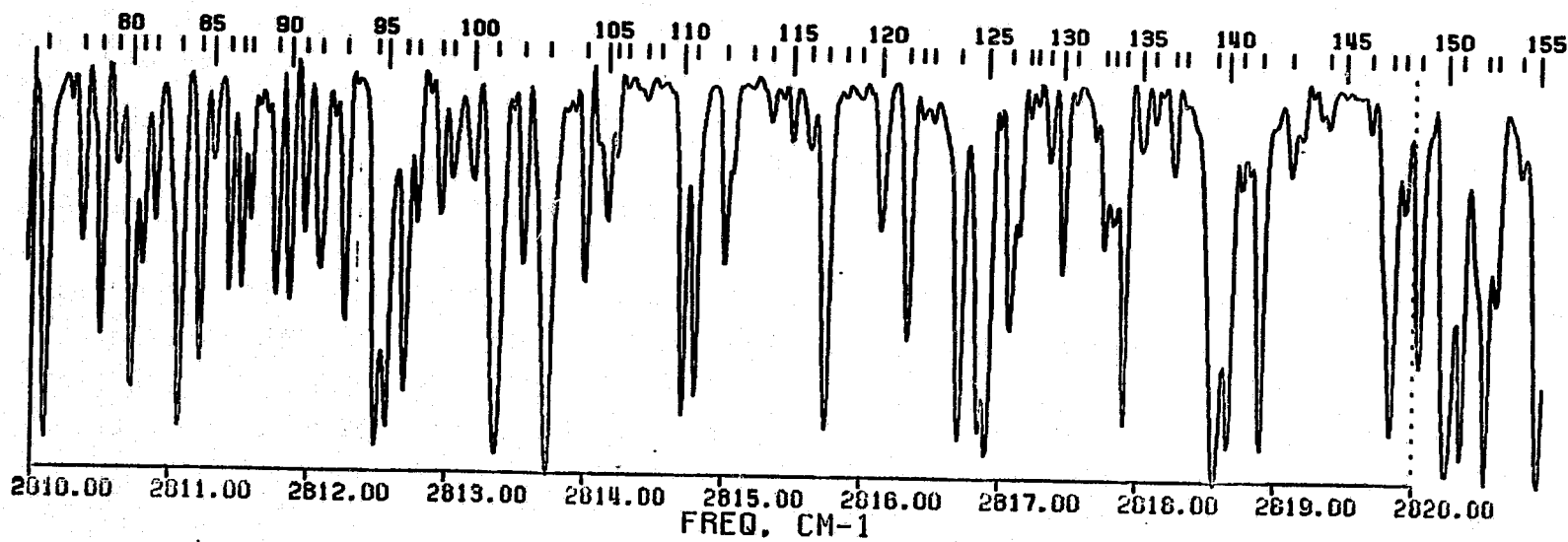
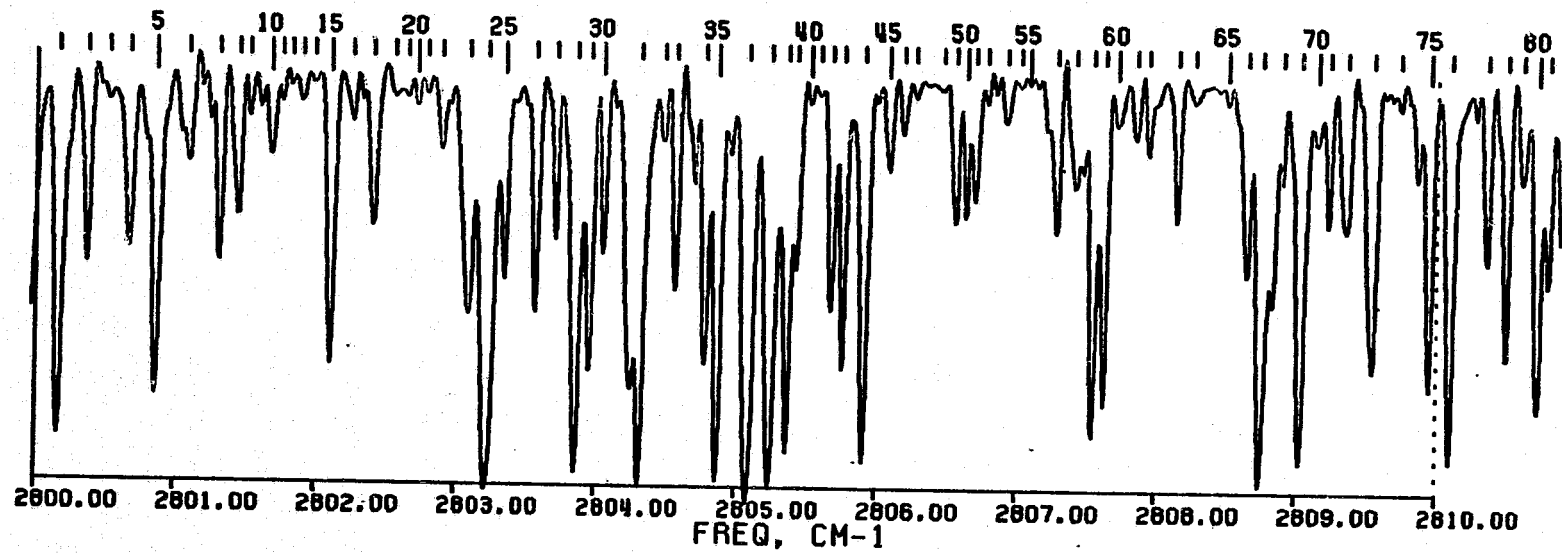
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70	88.763	88.842	88.931	89.158	89.276	89.447	89.546	89.695	89.788	89.940
80	90.048	90.235	90.314	90.425	90.577	90.632	90.762	90.911	91.057	91.118
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100	92.599	92.687	92.781	92.859	92.986	93.070	93.247	93.342	93.462	93.577
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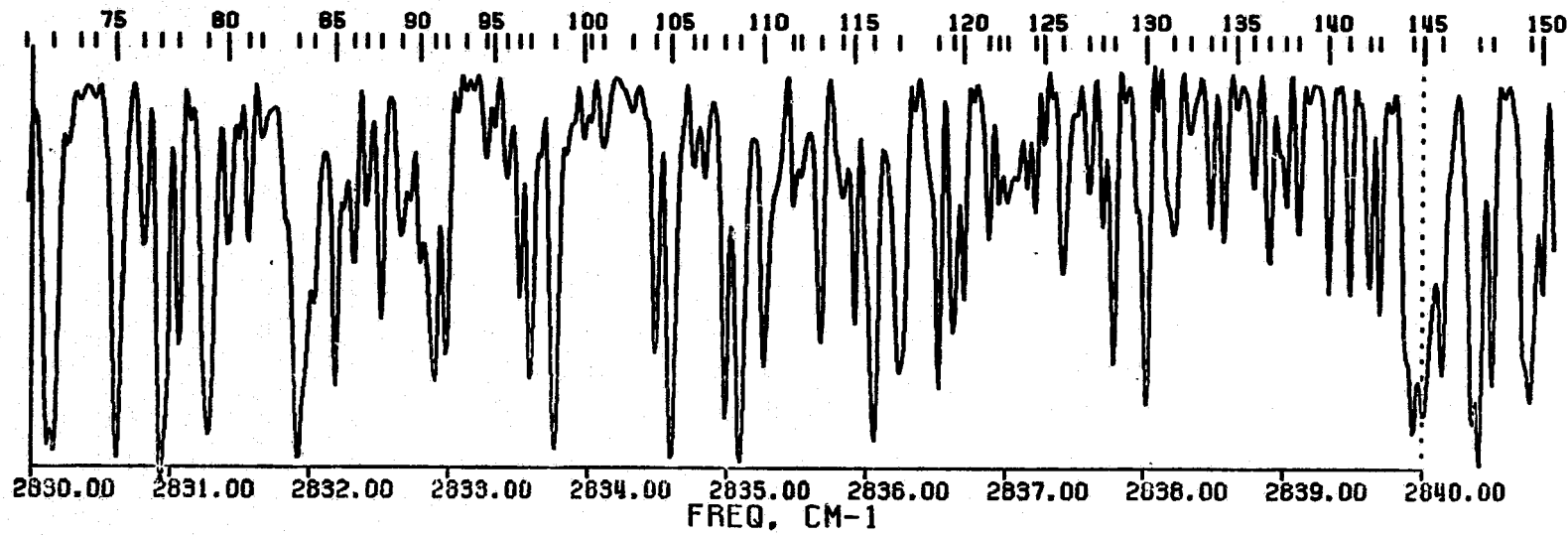
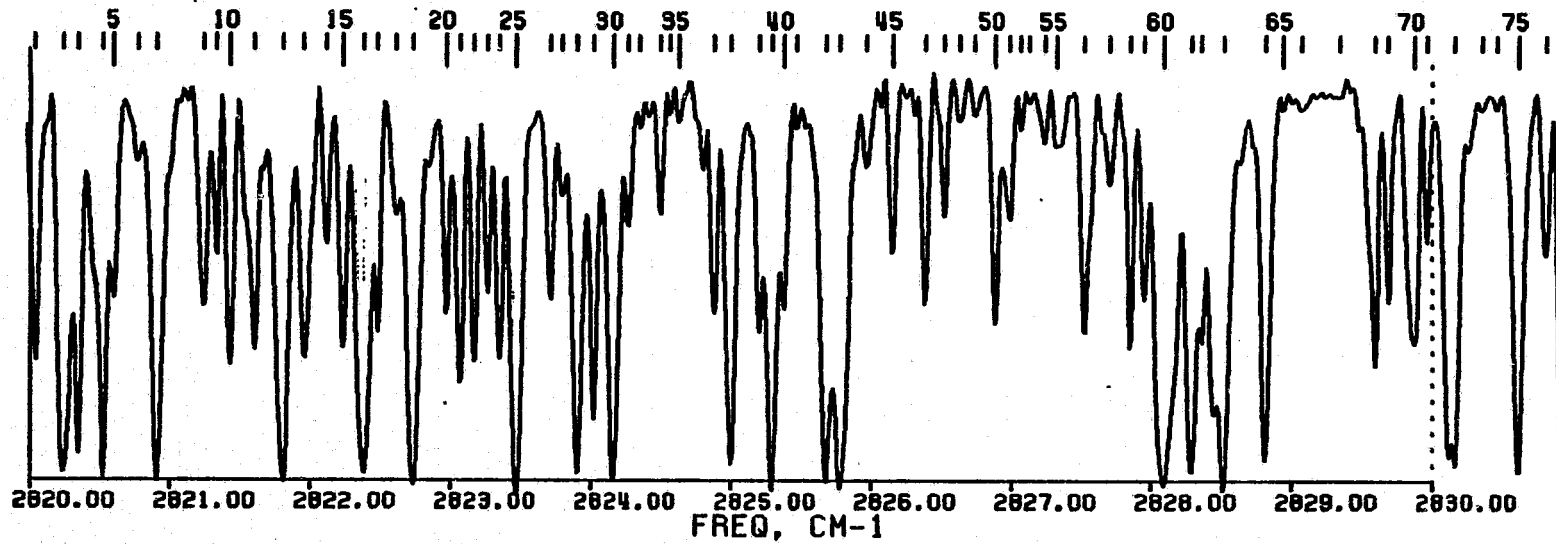


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80	10.718	10.794	10.885	11.065	11.216	11.308	11.427	11.515	11.577	11.766
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120	16.144	16.339	16.439	16.516	16.710	16.911	17.078	17.216	17.271	17.363
130	17.458	17.546	17.760	17.826	17.905	18.026	18.118	18.260	18.342	18.563
140	18.659	18.751	18.894	19.111	19.380	19.502	19.682	19.837	19.932	20.040
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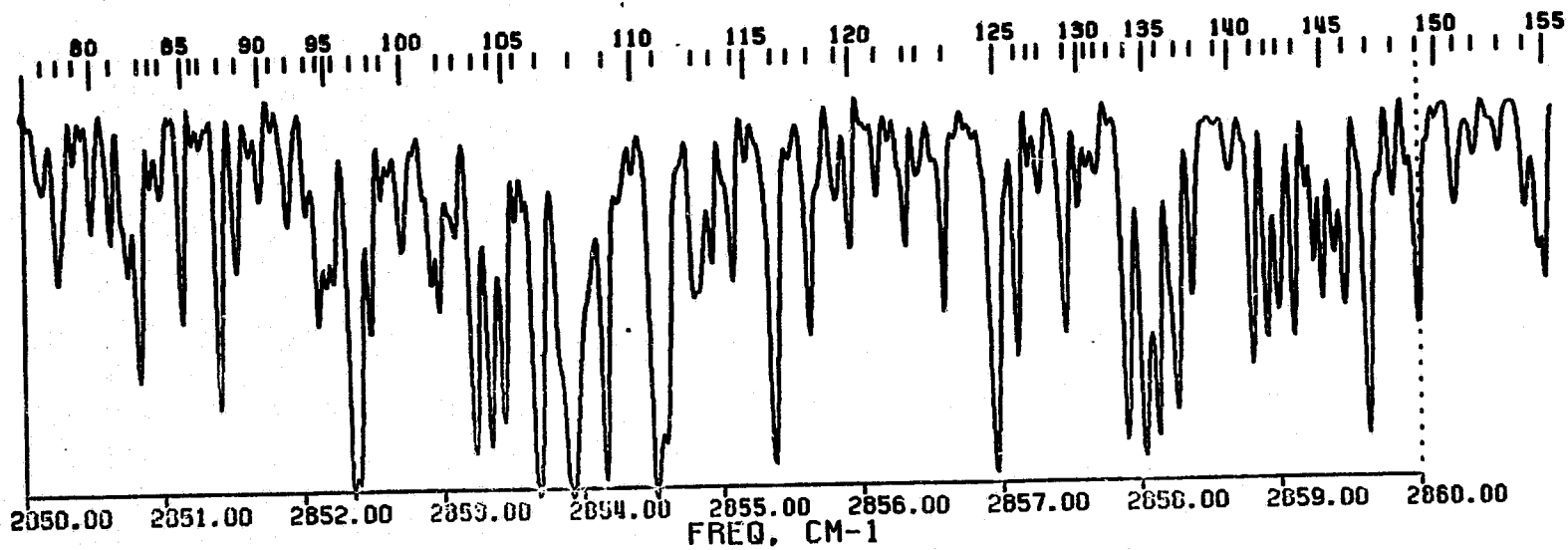
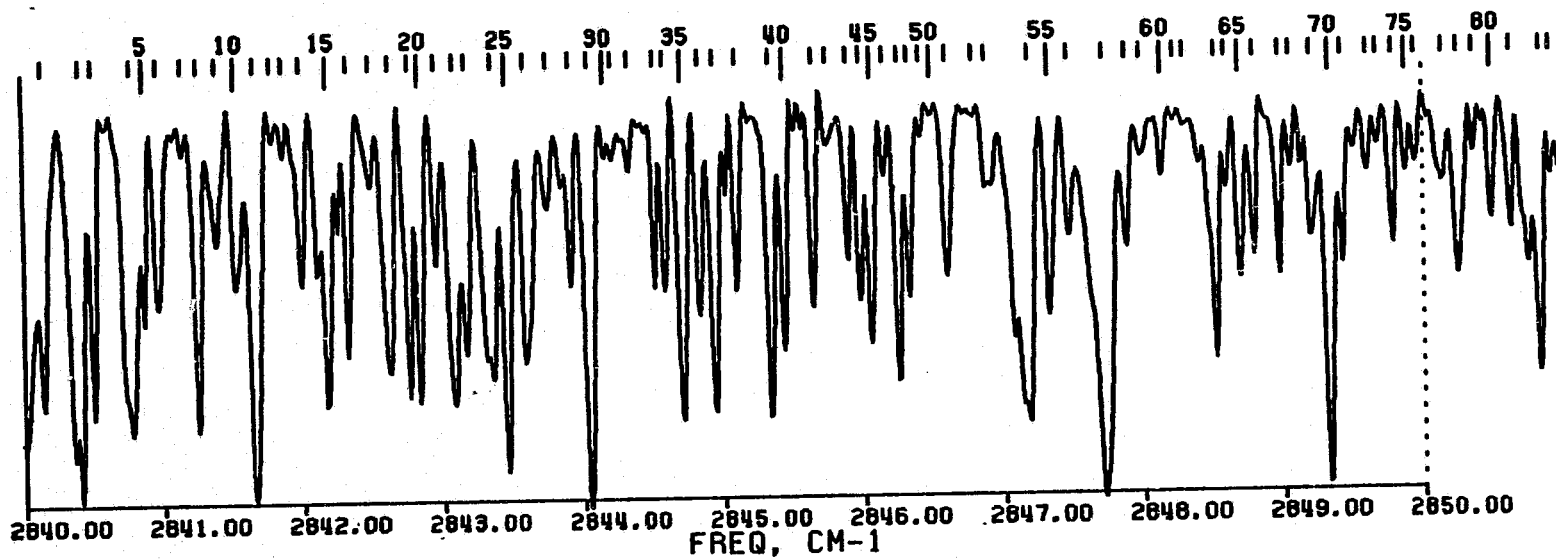


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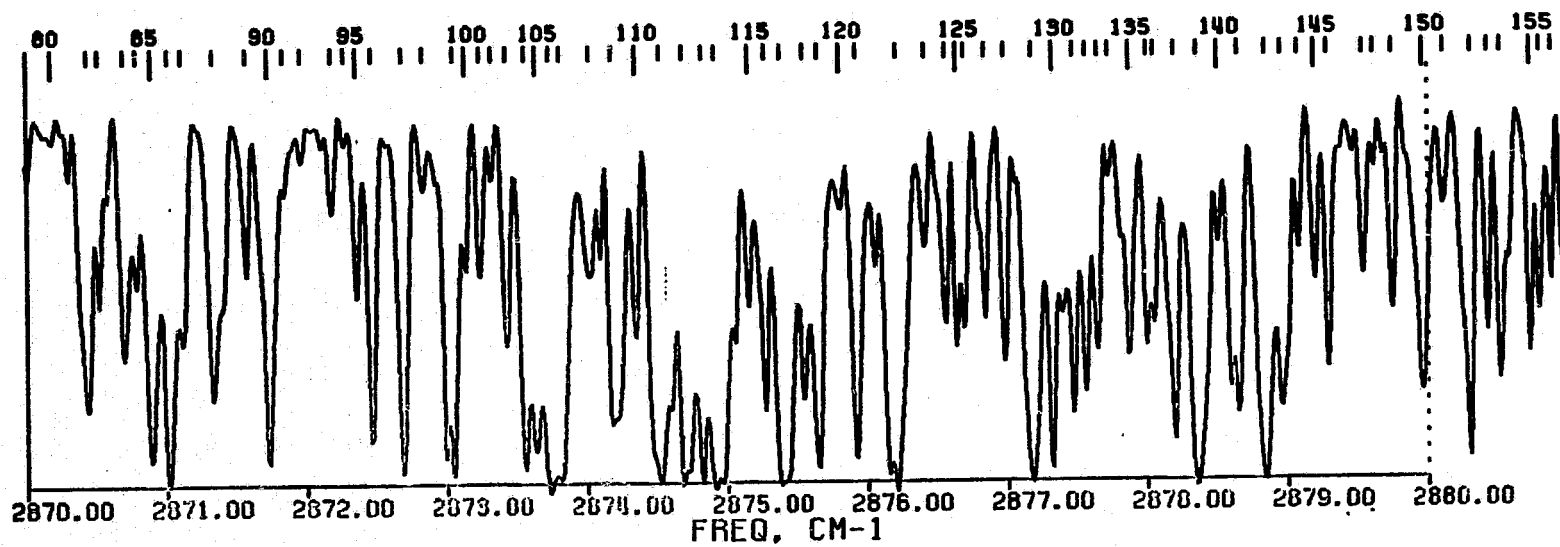
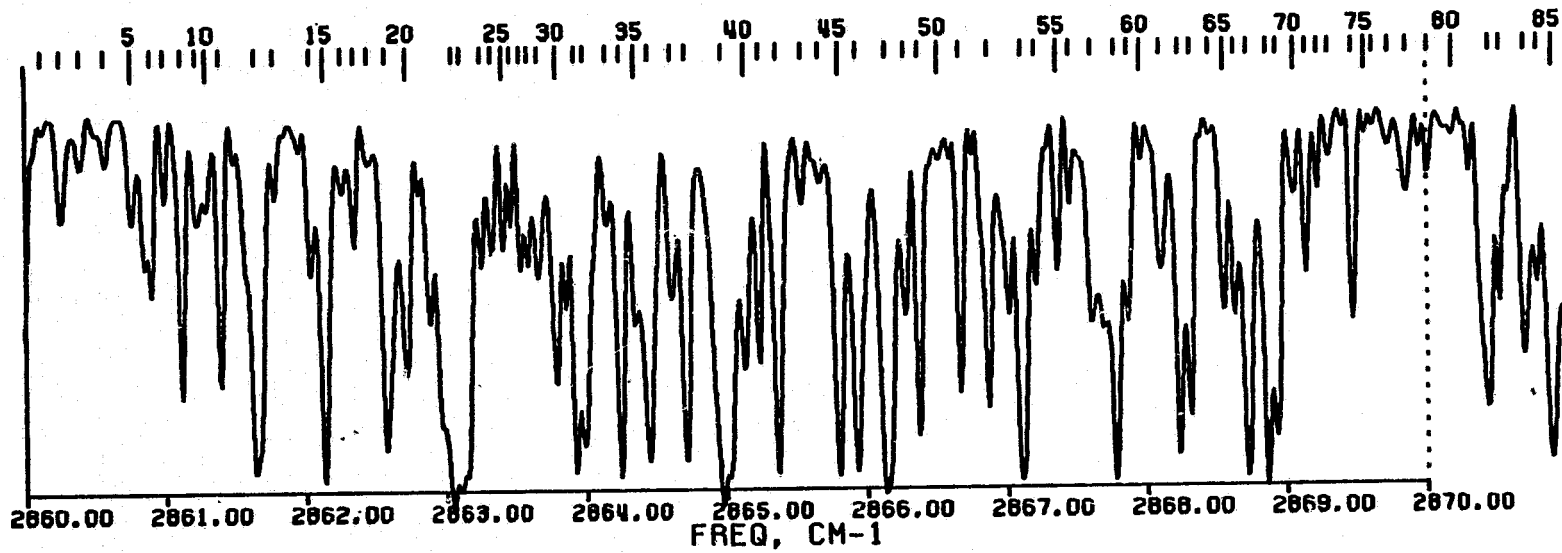
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100	52.710	52.977	53.093	53.229	53.340	53.437	53.523	53.683	53.921	54.161
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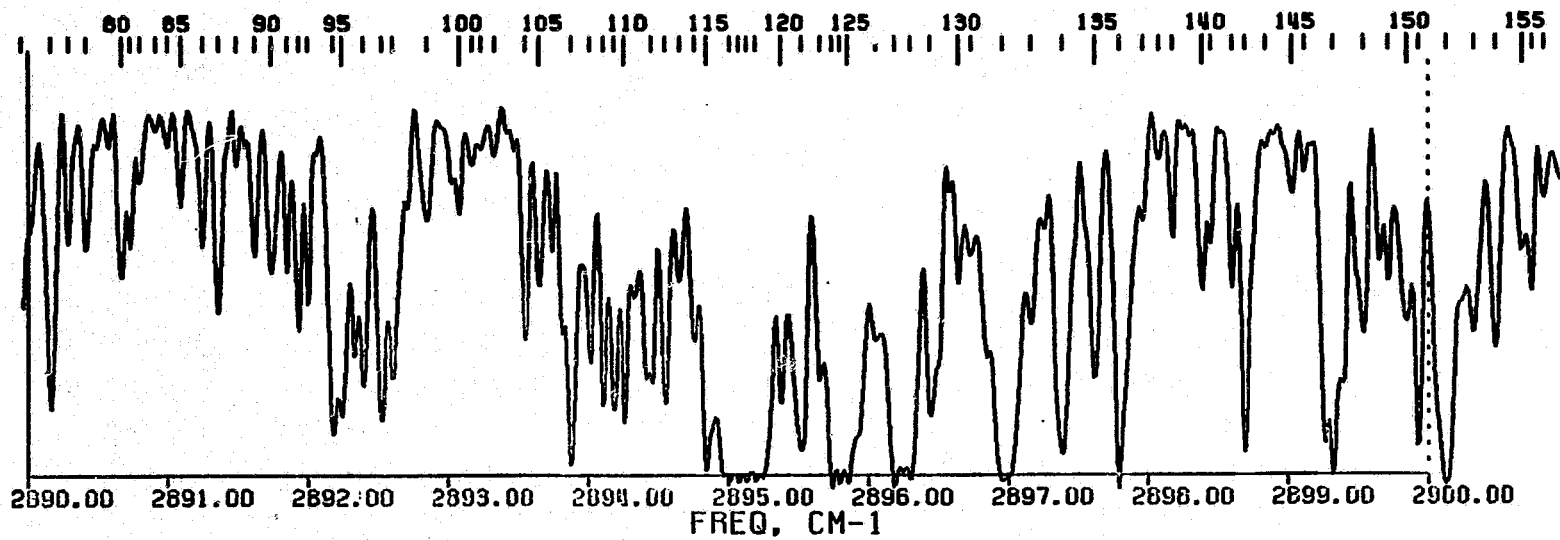
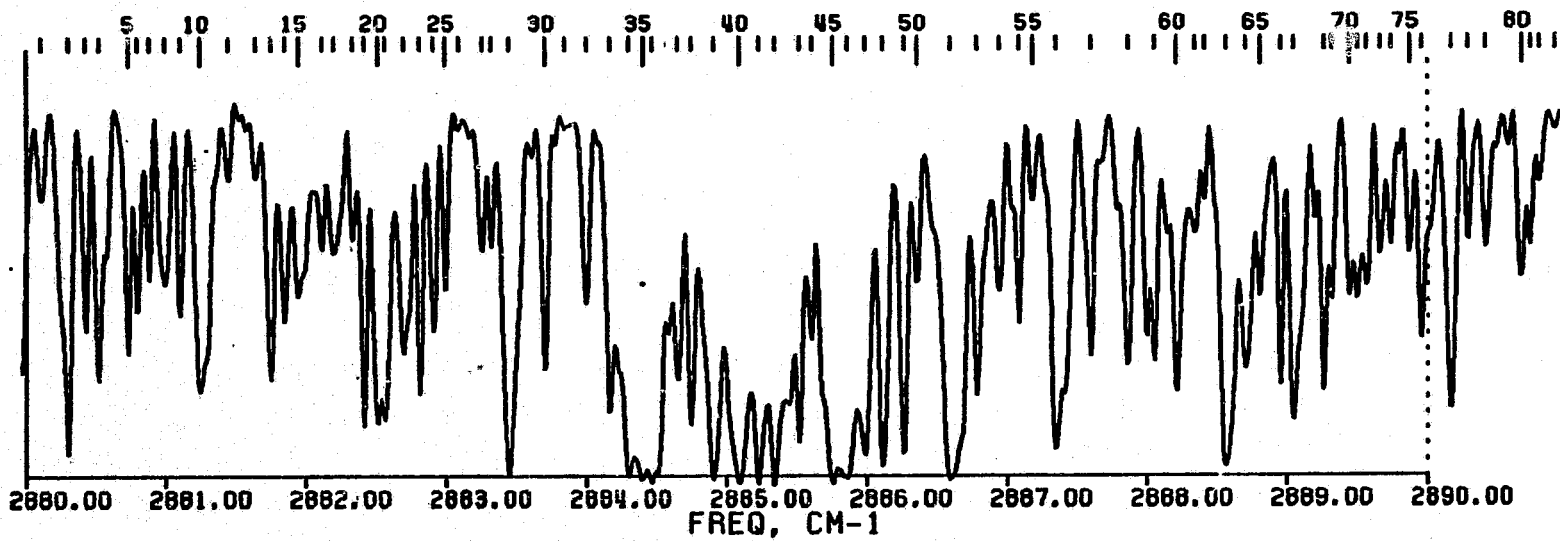
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120	75.807	75.924	76.211	76.412	76.560	76.639	76.694	76.842	76.982	77.180
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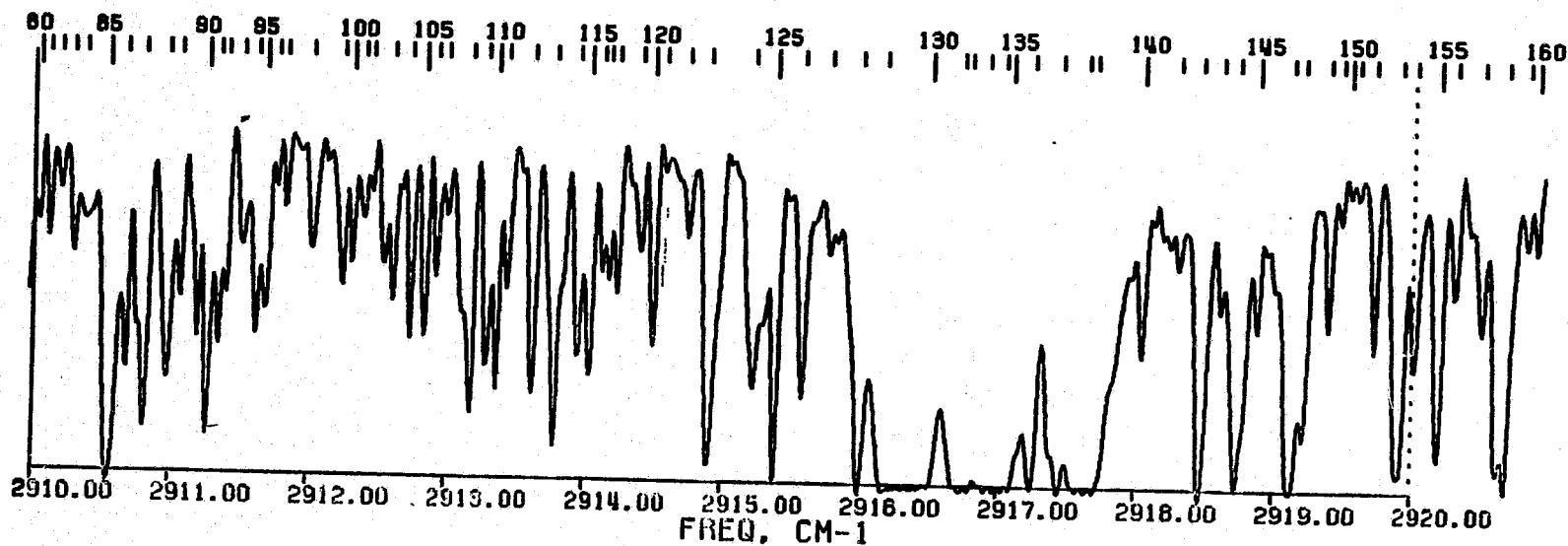
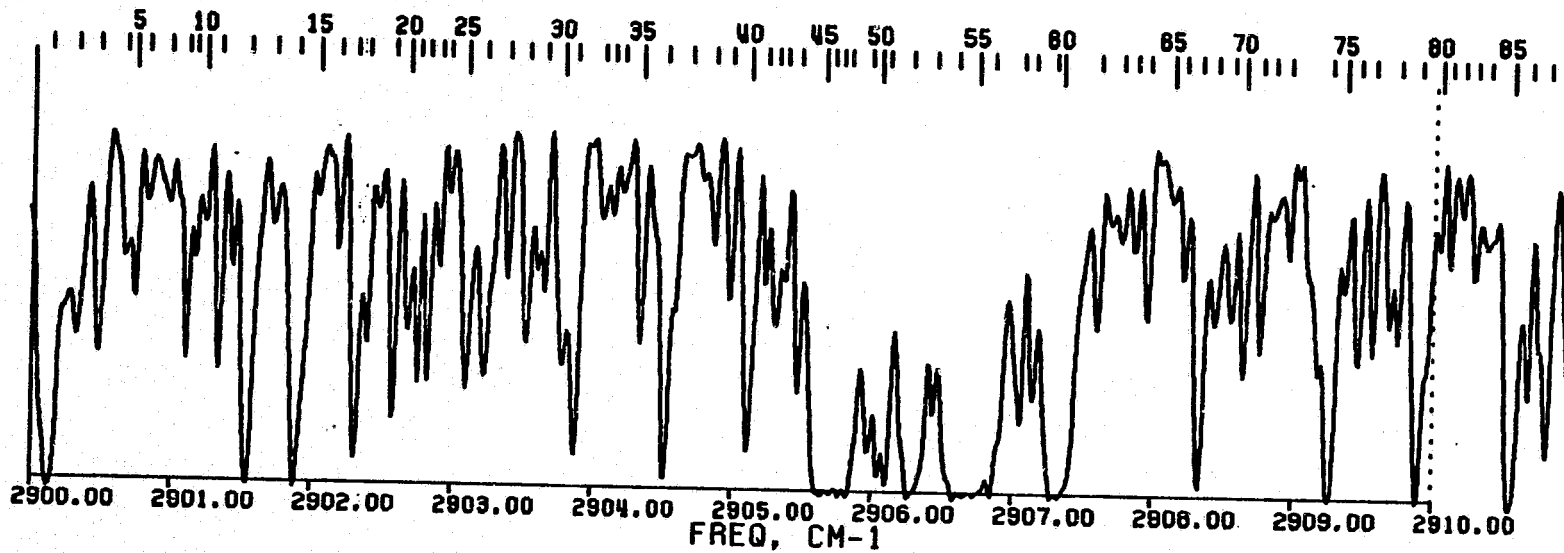
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10	81.245	81.448	81.641	81.750	81.848	81.946	82.115	82.199	82.333	82.417
20	82.519	82.565	82.696	82.813	82.910	82.994	83.087	83.256	83.322	83.448
30	83.706	83.847	83.999	84.168	84.303	84.403	84.468	84.654	84.748	84.909
40	85.095	85.230	85.344	85.520	85.607	85.760	85.863	85.990	86.117	86.268
50	86.359	86.598	86.788	86.947	87.088	87.183	87.351	87.598	87.863	88.051
60	88.210	88.342	88.411	88.563	88.705	88.808	88.956	89.047	89.261	89.318
70	89.445	89.500	89.567	89.661	89.739	89.870	89.956	90.166	90.287	90.415
80	90.668	90.732	90.799	90.911	90.997	91.092	91.247	91.360	91.490	91.618
90	91.738	91.850	91.935	92.001	92.182	92.241	92.397	92.527	92.607	92.853
100	93.082	93.172	93.236	93.333	93.554	93.653	93.880	94.017	94.112	94.191
110	94.262	94.458	94.555	94.655	94.764	94.845	95.015	95.075	95.134	95.198
120	95.379	95.526	95.657	95.745	95.799	95.855	96.059	96.190	96.303	96.446
130	96.647	96.736	96.964	97.166	97.389	97.618	97.793	97.962	98.075	98.175
140	98.385	98.444	98.600	98.692	98.839	99.028	99.116	99.322	99.538	99.715
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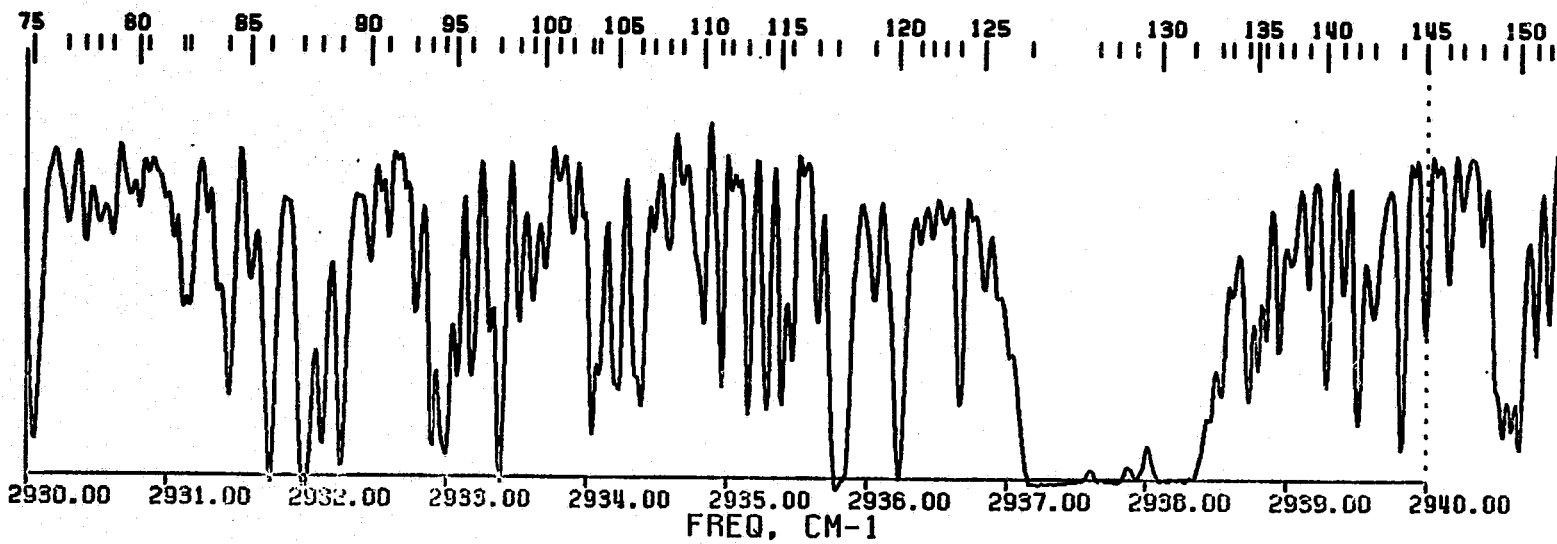
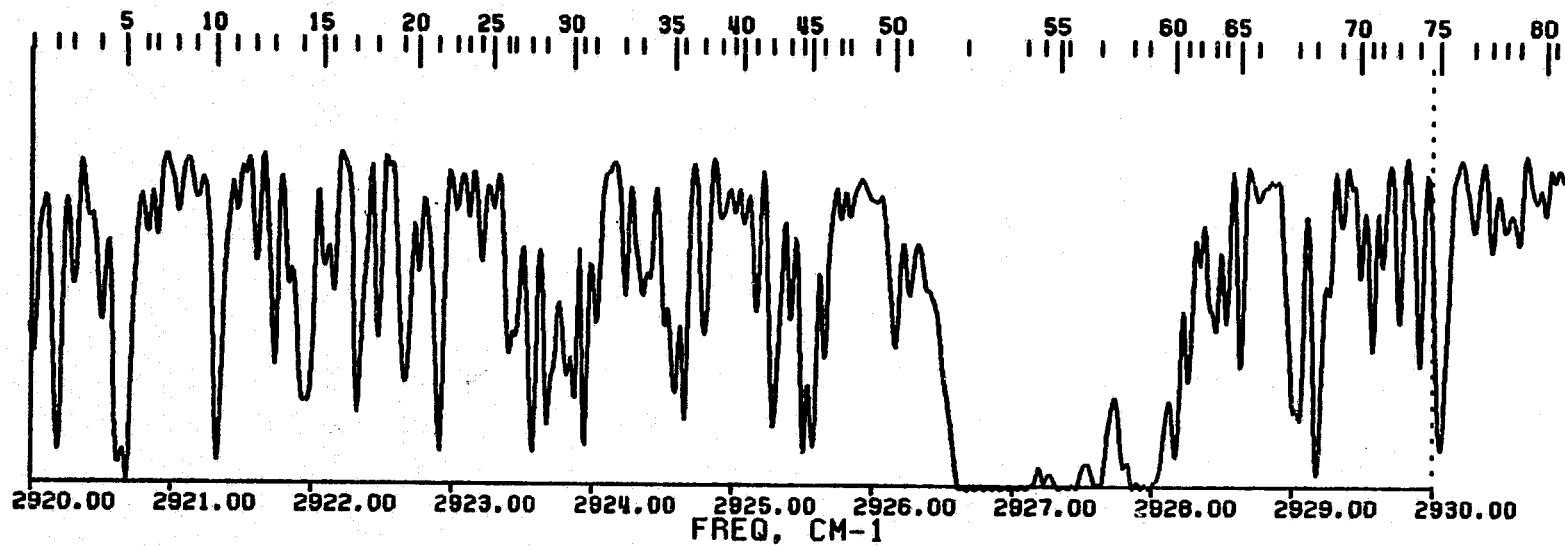


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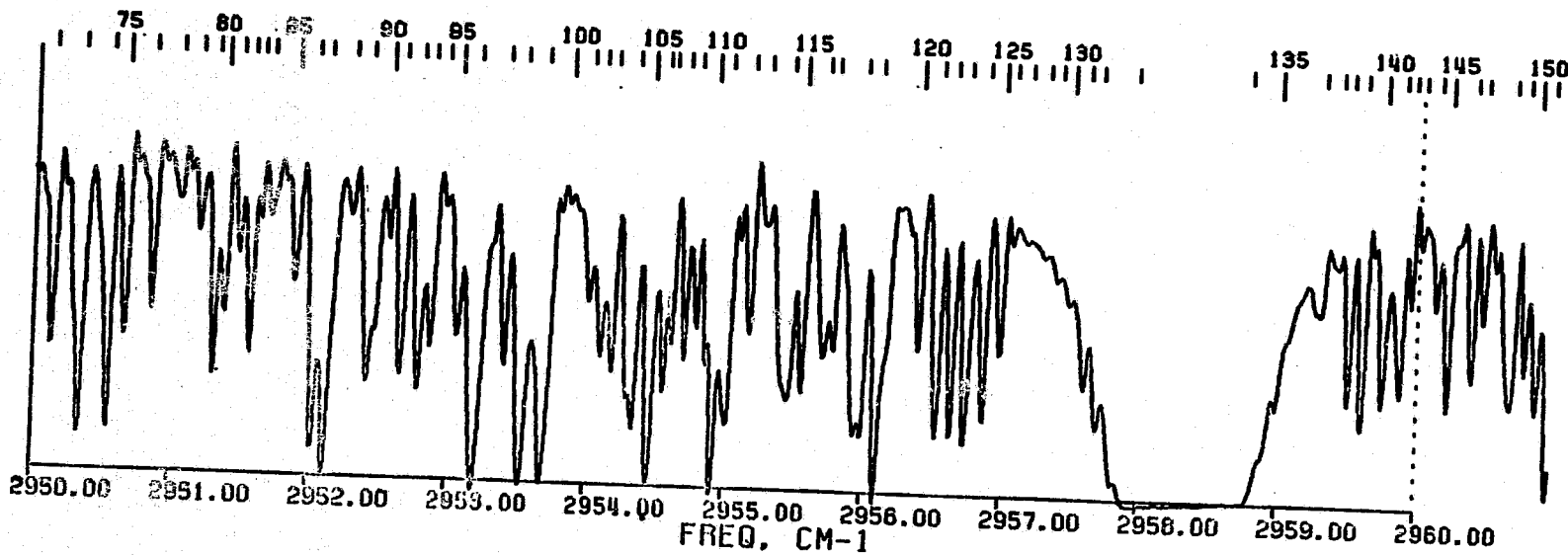
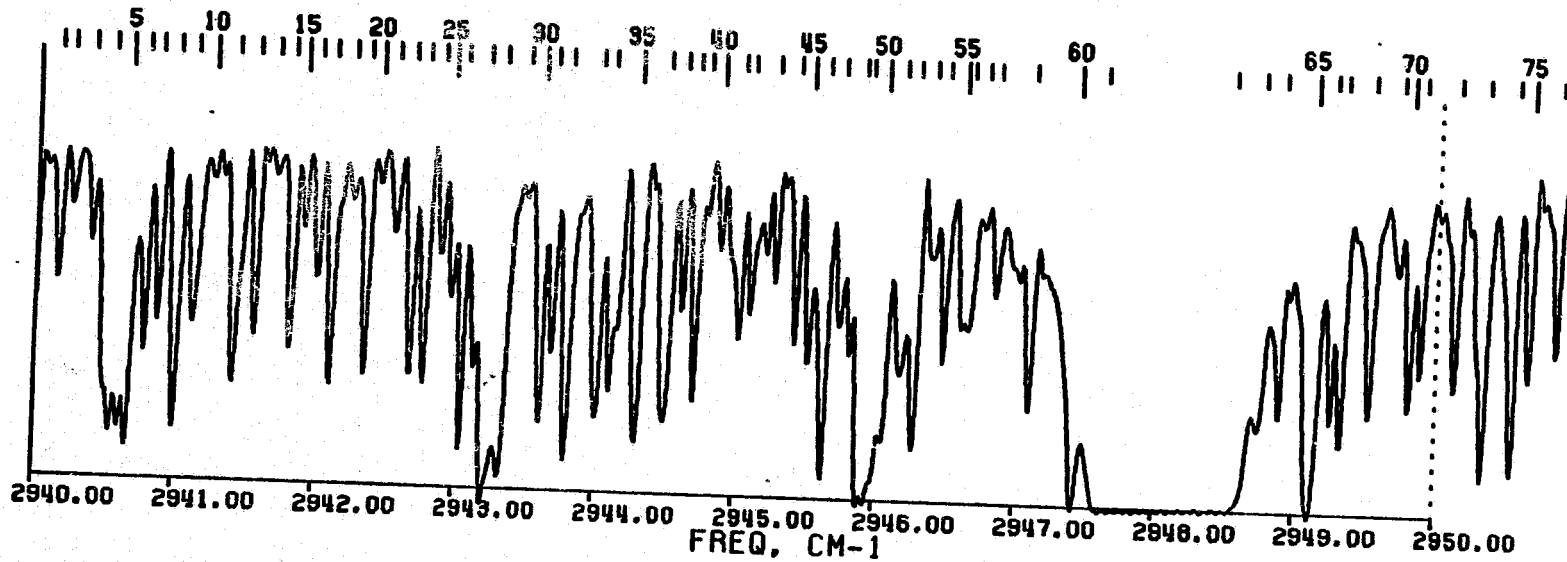
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10	21.326	21.469	21.608	21.737	21.941	22.091	22.159	22.322	22.474	22.663
20	22.766	22.911	23.038	23.126	23.215	23.302	23.407	23.453	23.574	23.678
30	23.874	23.945	24.031	24.239	24.364	24.592	24.663	24.804	24.931	25.024
40	25.088	25.176	25.297	25.420	25.511	25.578	25.661	25.779	25.844	26.035
50	26.167	26.267	26.684	27.105	27.231	27.343	27.405	27.631	27.866	27.979
60	28.165	28.256	28.339	28.454	28.528	28.633	28.762	29.050	29.176	29.356
70	29.487	29.572	29.642	29.761	29.908	30.053	30.300	30.424	30.524	30.619
80	30.809	30.874	31.124	31.166	31.448	31.603	31.744	31.978	32.112	32.249
90	32.457	32.588	32.781	32.895	32.995	33.078	33.179	33.381	33.522	33.619
100	33.708	33.806	33.904	34.042	34.092	34.230	34.391	34.486	34.592	34.687
110	34.840	34.967	35.039	35.158	35.289	35.397	35.473	35.656	35.789	36.059
120	36.235	36.387	36.474	36.563	36.670	36.844	37.179	37.658	37.794	37.930
130	38.106	38.338	38.534	38.616	38.732	38.796	38.853	38.949	39.038	39.158
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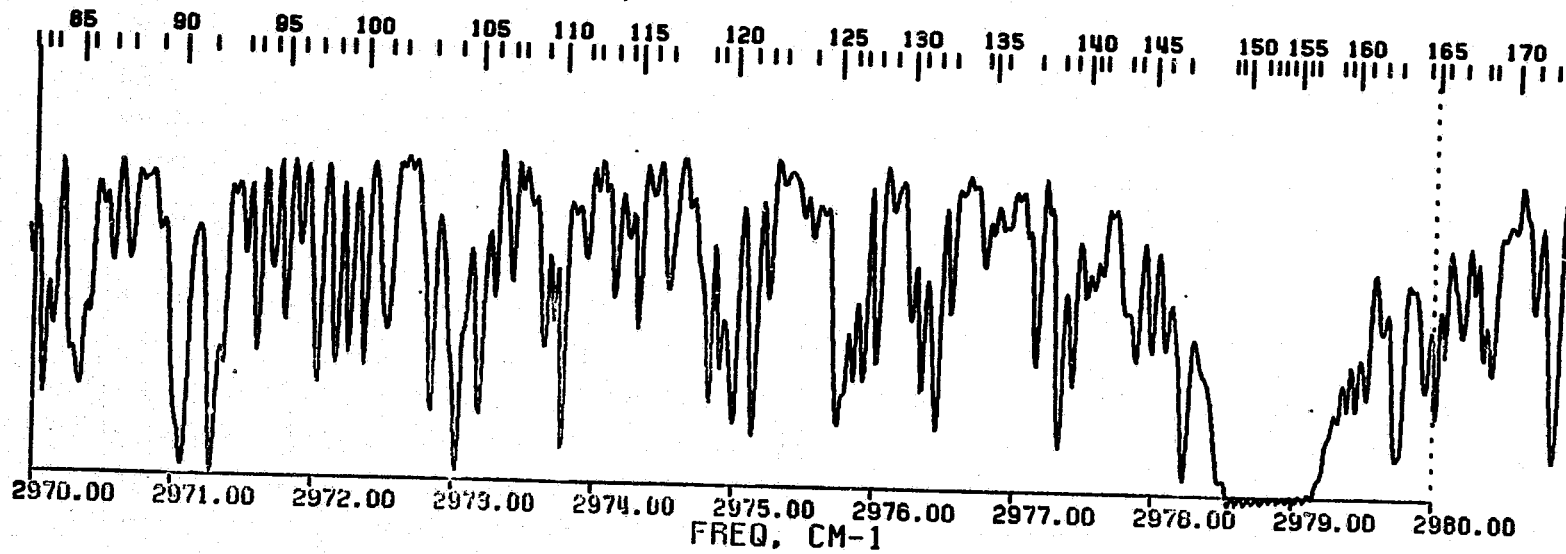
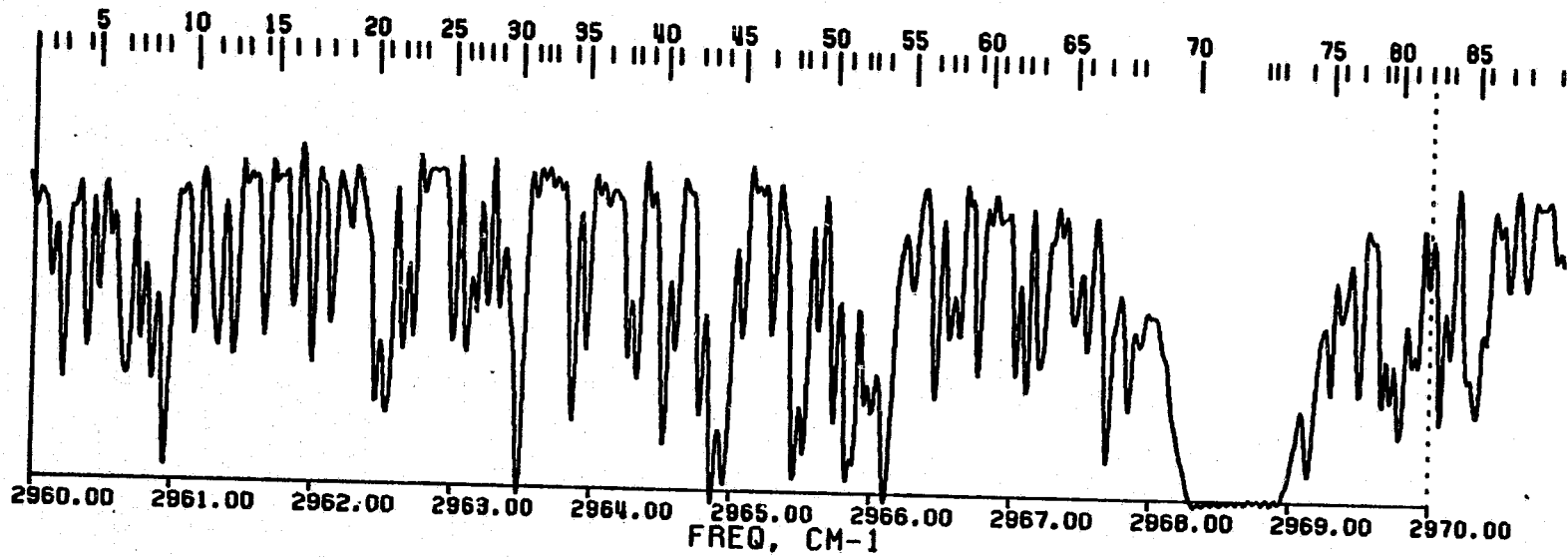


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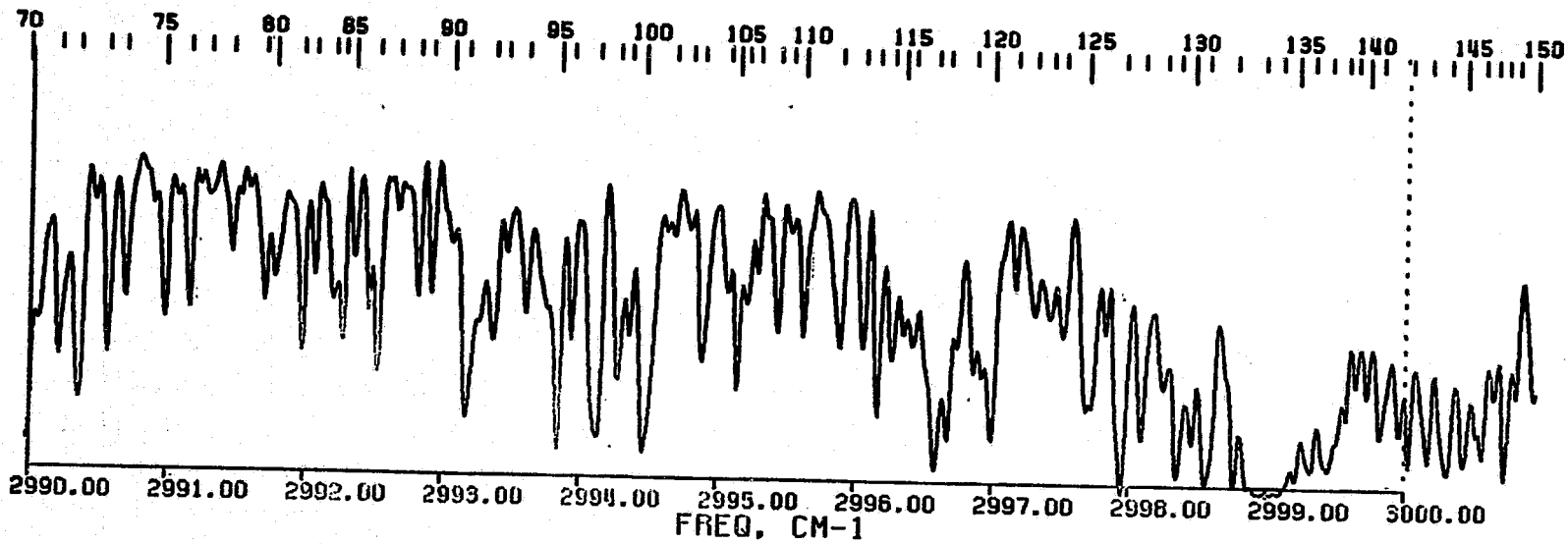
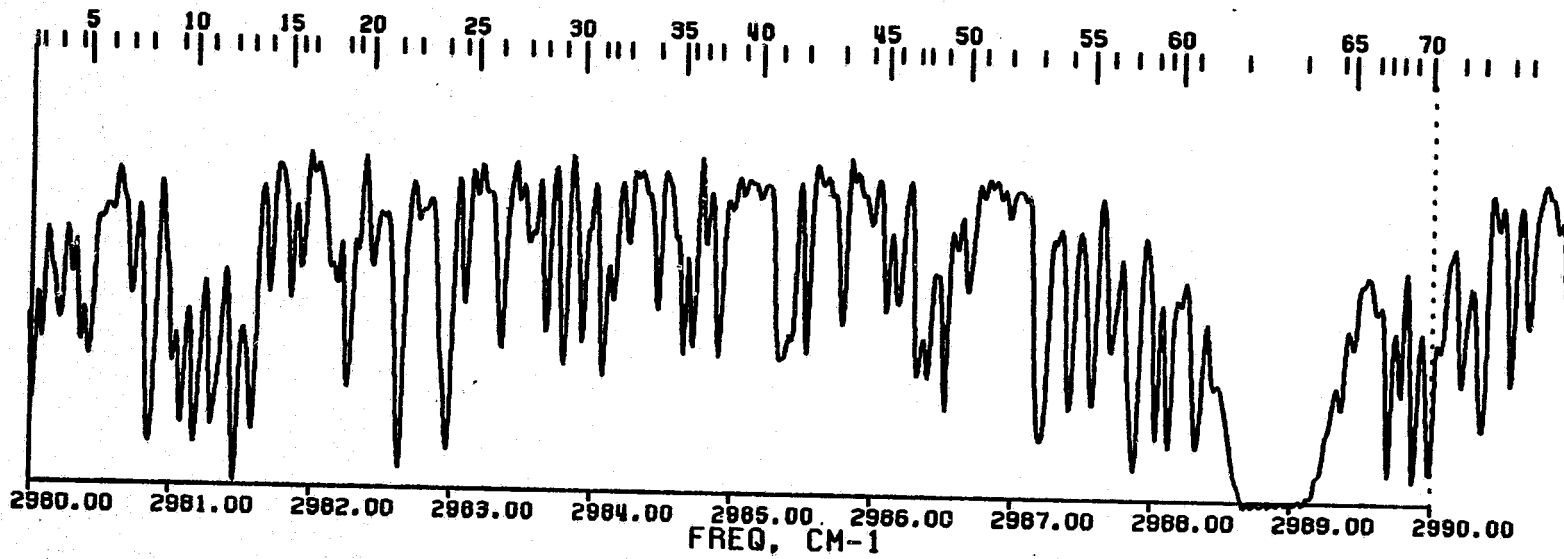


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20	62.453	62.529	62.645	62.718	62.792	63.003	63.100	63.169	63.249	63.336
30	63.480	63.597	63.657	63.719	63.865	63.962	64.114	64.261	64.325	64.418
40	64.523	64.599	64.777	64.870	64.956	65.079	65.290	65.454	65.522	65.621
50	65.735	65.835	65.955	66.007	66.105	66.297	66.459	66.559	66.633	66.765
60	66.849	66.925	67.032	67.111	67.208	67.452	67.545	67.693	67.842	67.921
70	68.327	68.808	68.868	68.926	69.132	69.287	69.364	69.493	69.656	69.714
80	69.785	69.871	69.988	70.074	70.140	70.330	70.399	70.562	70.686	70.900
90	71.088	71.278	71.516	71.602	71.709	71.799	71.904	72.030	72.160	72.251
100	72.363	72.529	72.634	72.842	73.025	73.183	73.293	73.415	73.483	73.652
110	73.782	73.949	74.022	74.150	74.251	74.322	74.424	74.538	74.830	74.904
120	75.003	75.141	75.253	75.354	75.583	75.744	75.857	75.928	76.022	76.137
130	76.271	76.344	76.453	76.553	76.792	76.852	76.926	77.163	77.330	77.423
140	77.519	77.575	77.632	77.807	77.875	77.988	78.089	78.220	78.547	78.602
150	78.663	78.782	78.842	78.903	78.963	79.023	79.083	79.140	79.318	79.383
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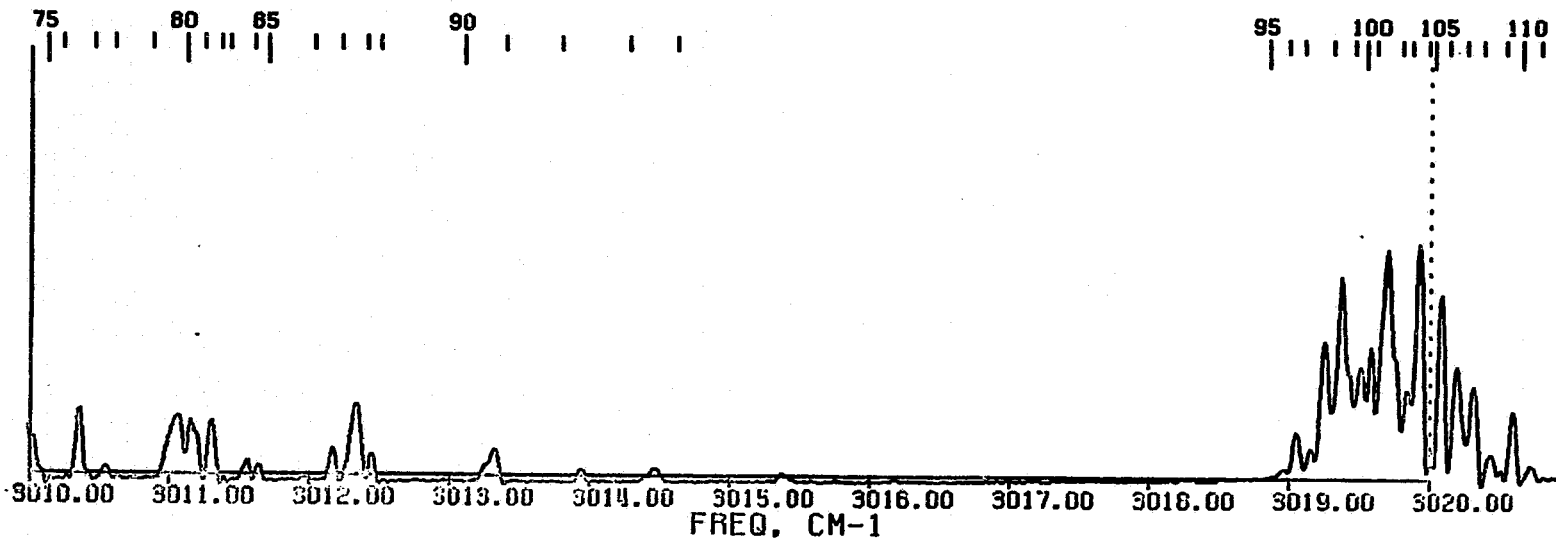
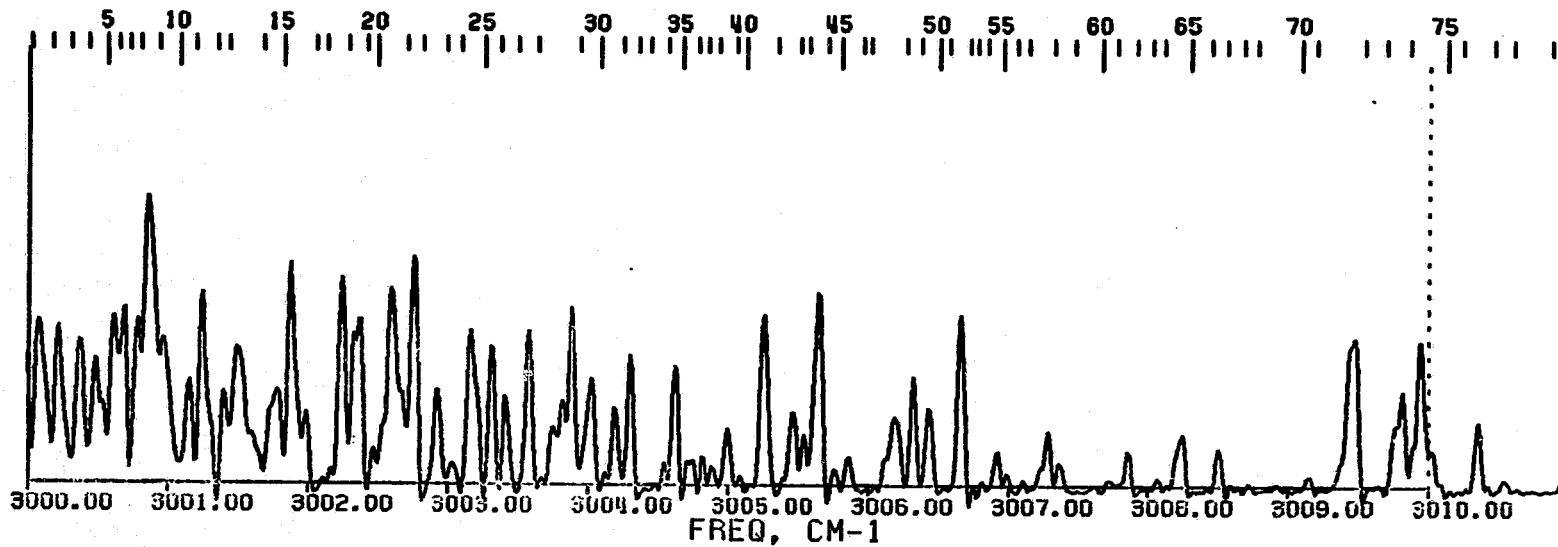


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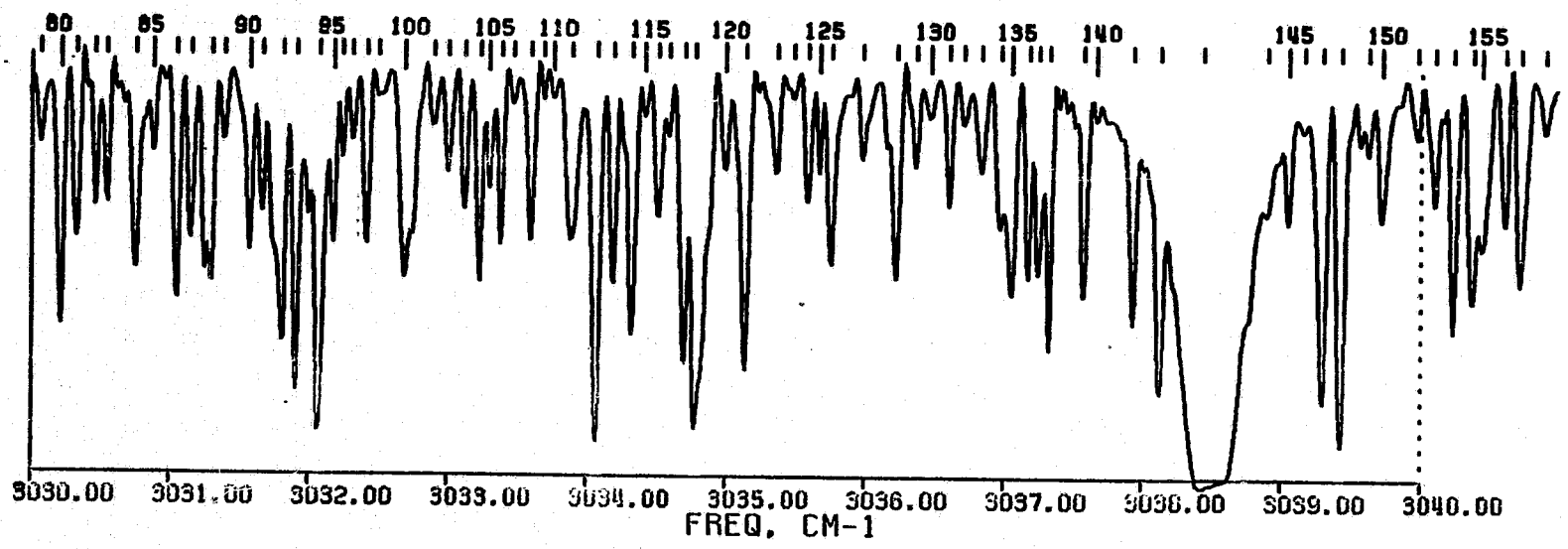
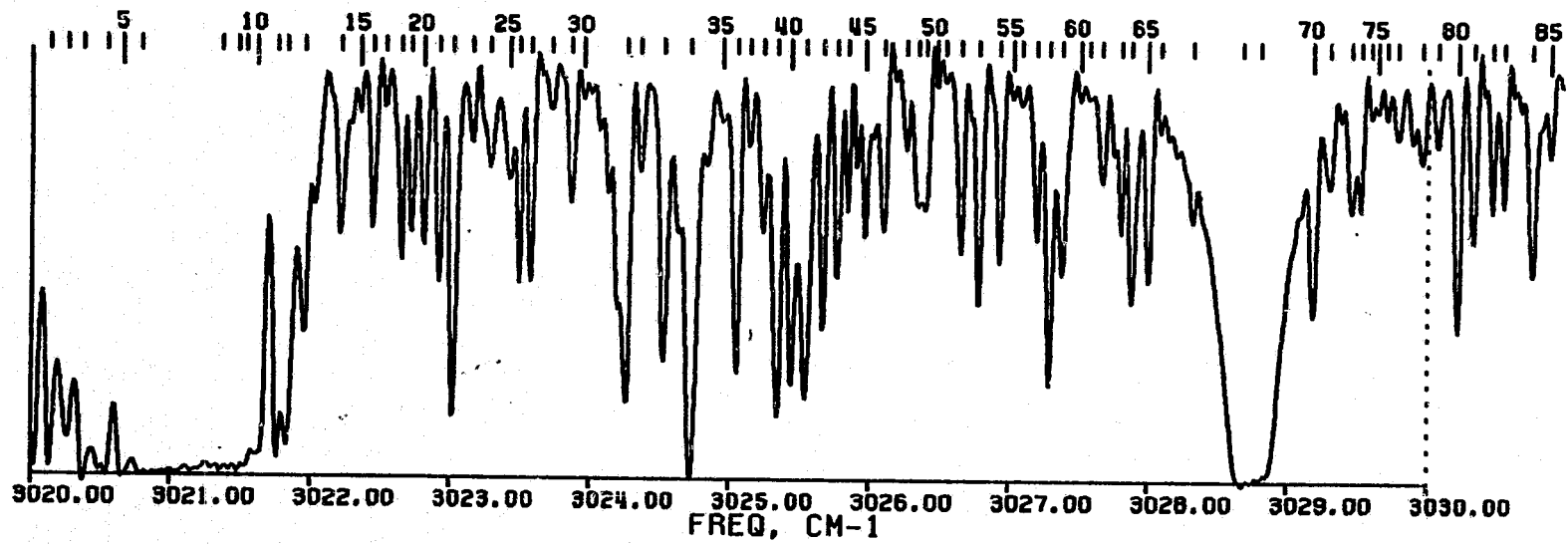
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20	2.494	2.702	2.819	2.985	3.093	3.256	3.367	3.495	3.938
30	4.082	4.247	4.357	4.438	4.570	4.673	4.785	4.852	5.054
40	5.125	5.352	5.509	5.573	5.712	5.808	5.961	6.018	6.376
50	6.505	6.573	6.723	6.777	6.849	6.961	7.060	7.146	7.469
60	7.668	7.773	7.912	8.025	8.106	8.296	8.449	8.557	8.773
70	9.089	9.195	9.534	9.689	9.856	10.123	10.237	10.462	10.871
80	11.114	11.243	11.364	11.421	11.598	11.699	12.027	12.219	12.503
90	13.105	13.395	13.800	14.202	14.621	18.853	18.993	19.106	19.462
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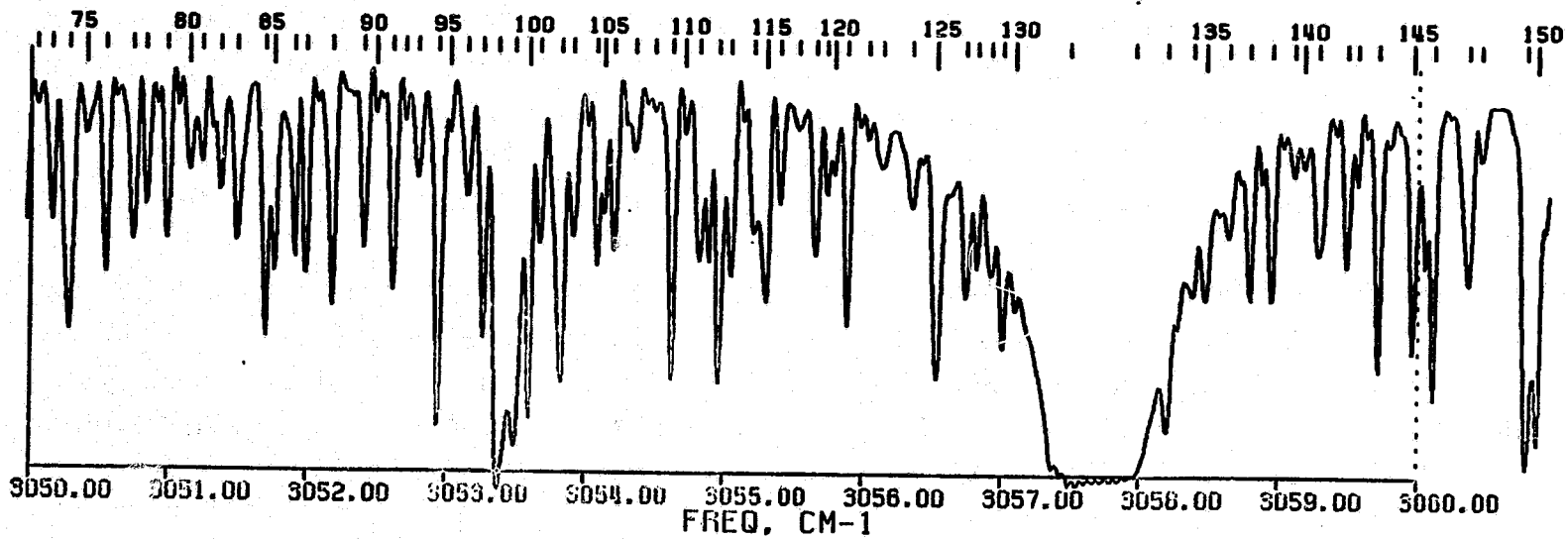
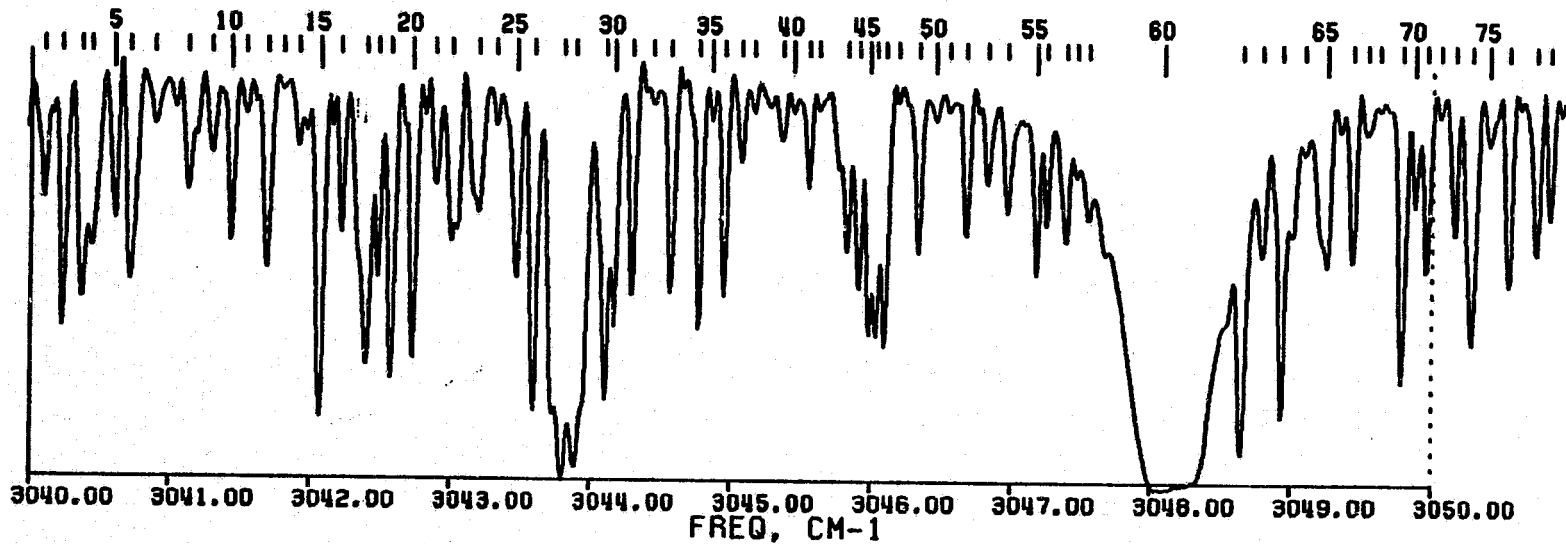


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20	22.812	22.923	23.020	23.162	23.289	23.429	23.497	23.579	23.728	23.867
30	23.956	24.264	24.365	24.531	24.723	24.955	25.054	25.145	25.244	25.346
40	25.442	25.545	25.670	25.773	25.848	25.972	26.106	26.267	26.351	26.405
50	26.487	26.550	26.658	26.786	26.935	27.028	27.095	27.202	27.293	27.382
60	27.511	27.579	27.671	27.805	27.879	28.000	28.086	28.320	28.679	28.800
70	29.182	29.300	29.455	29.520	29.595	29.641	29.707	29.785	29.955	30.067
80	30.213	30.325	30.461	30.545	30.752	30.880	31.049	31.149	31.297	31.387
90	31.572	31.661	31.807	31.905	32.068	32.173	32.238	32.309	32.412	32.497
100	32.686	32.891	32.998	33.116	33.227	33.296	33.381	33.469	33.596	33.686
110	33.757	33.886	34.069	34.190	34.323	34.415	34.512	34.585	34.702	34.779
120	34.994	35.139	35.363	35.487	35.588	35.672	35.758	35.981	36.226	36.365
130	36.468	36.606	36.711	36.838	36.974	37.055	37.176	37.249	37.327	37.574
140	37.664	37.929	38.120	38.433	38.891	39.048	39.159	39.294	39.427	39.620
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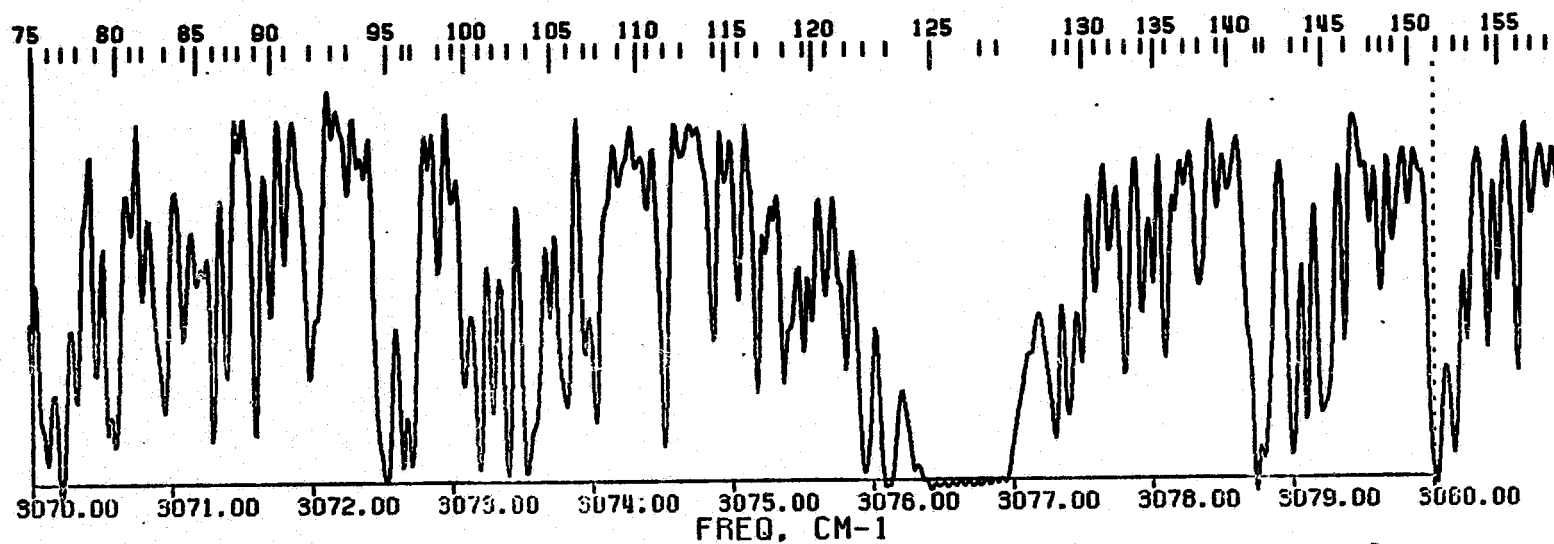
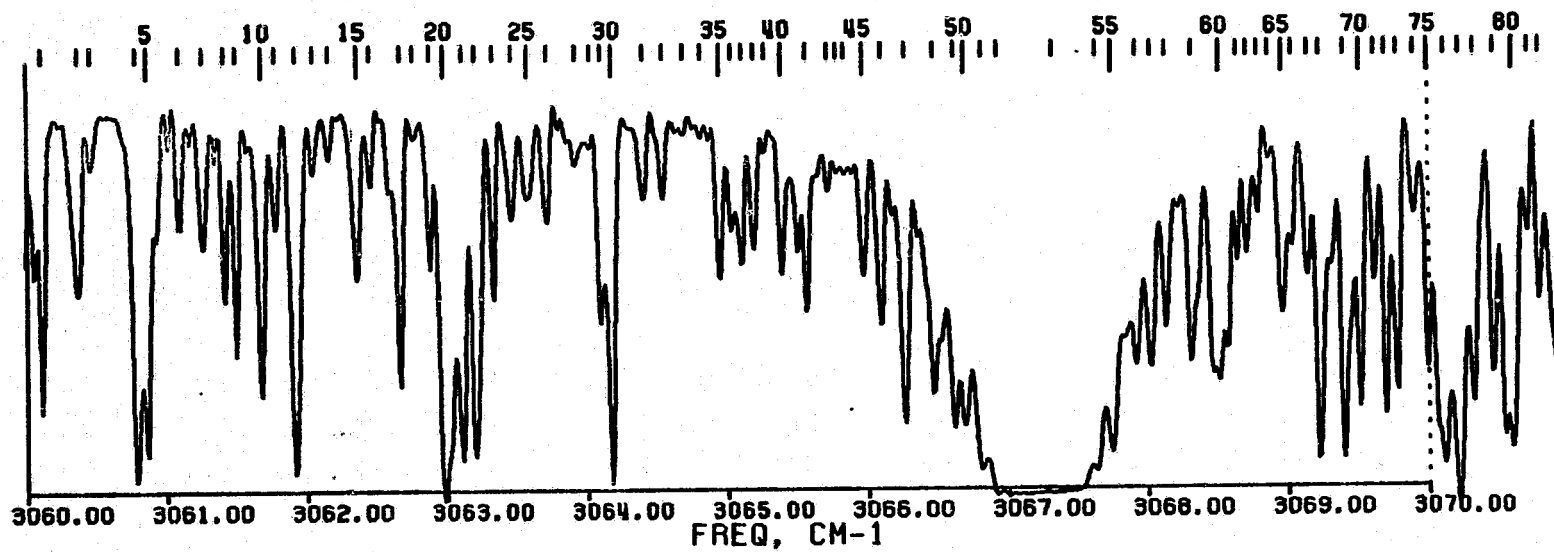


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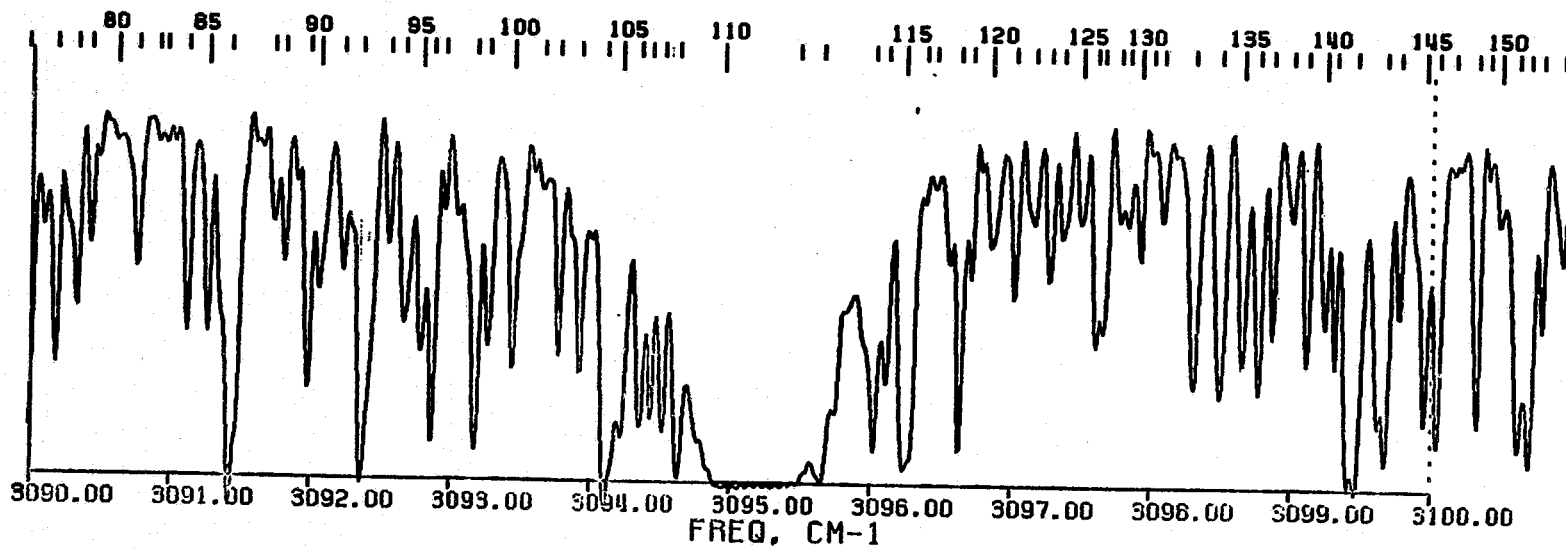
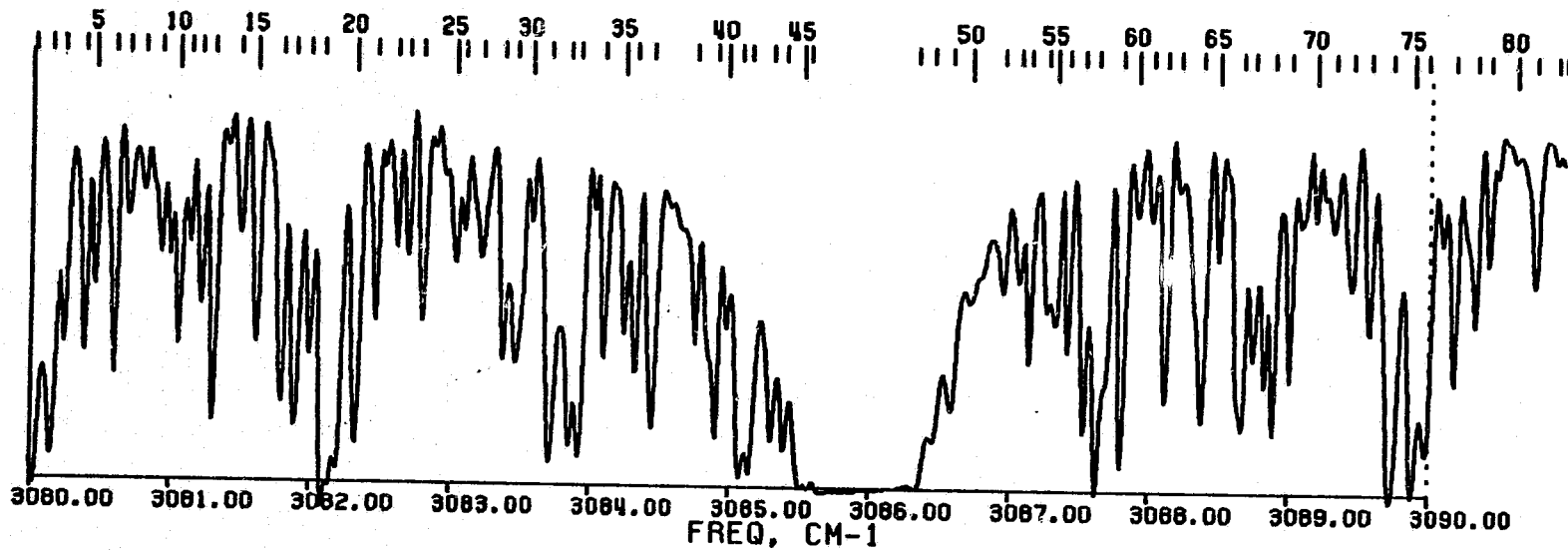
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20	62.980	63.109	63.201	63.331	63.458	63.575	63.711	63.913	64.020	64.096
30	64.176	64.402	64.540	64.686	64.809	64.947	65.030	65.104	65.189	65.265
40	65.387	65.564	65.716	65.780	65.836	65.969	66.097	66.265	66.470	66.619
50	66.691	66.811	66.925	67.316	67.628	67.739	67.913	68.019	68.127	68.309
60	68.511	68.637	68.704	68.784	68.861	68.956	69.023	69.138	69.223	69.397
70	69.512	69.611	69.694	69.777	69.895	69.995	70.112	70.213	70.319	70.459
80	70.597	70.708	70.786	70.947	71.080	71.174	71.289	71.388	71.472	71.594
90	71.703	71.802	71.982	72.138	72.250	72.530	72.647	72.707	72.899	72.997
100	73.084	73.191	73.286	73.397	73.531	73.698	73.816	73.947	74.027	74.189
110	74.312	74.390	74.514	74.634	74.865	74.946	75.044	75.177	75.366	75.507
120	75.566	75.665	75.808	75.942	76.098	76.414	76.772	76.893	77.304	77.397
130	77.491	77.586	77.688	77.800	77.923	78.004	78.090	78.222	78.328	78.459
140	78.532	78.738	78.790	78.994	79.095	79.204	79.364	79.544	79.621	79.706
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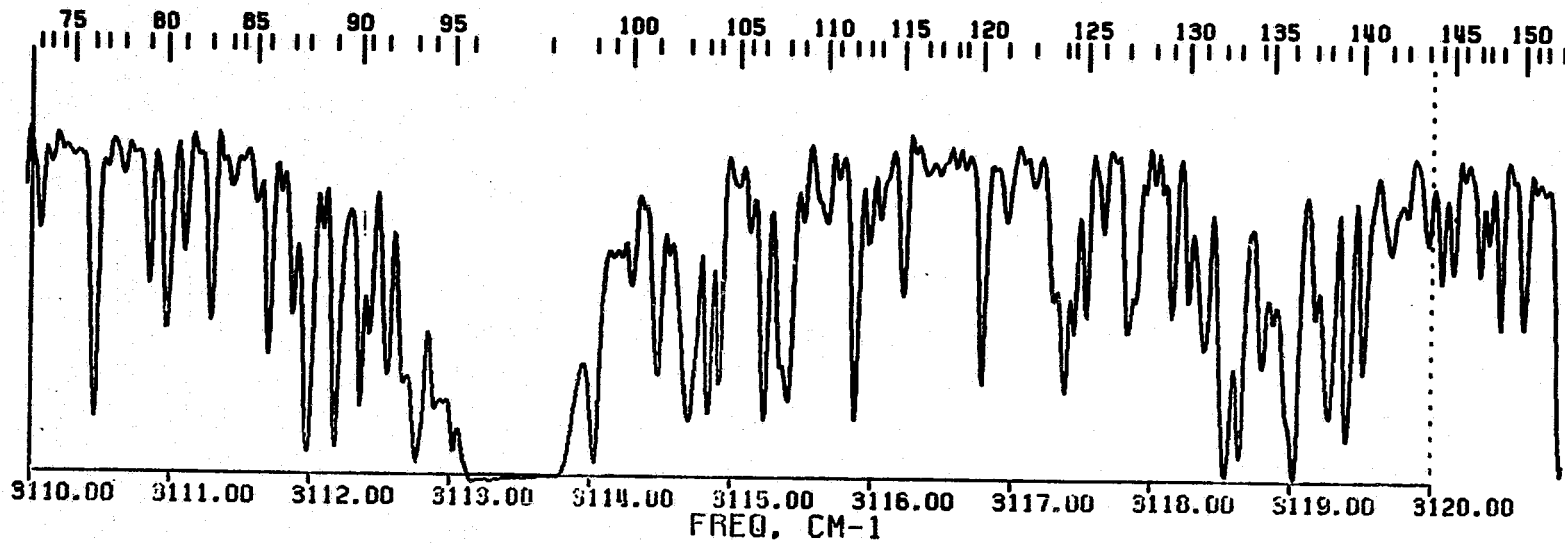
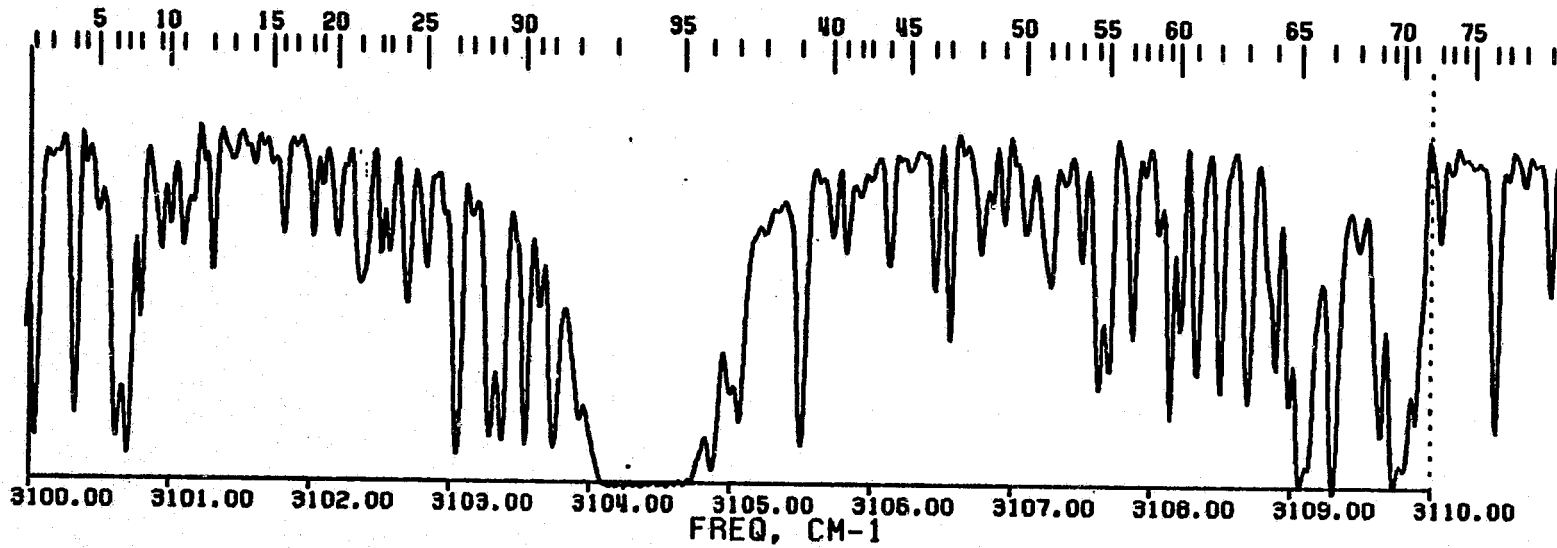
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20	82.322	82.464	82.614	82.695	82.798	83.036	83.099	83.222	83.378	83.470
30	83.583	83.715	83.856	83.925	84.101	84.248	84.329	84.450	84.755	84.903
40	84.977	85.078	85.145	85.302	85.393	85.518	85.569	86.339	86.453	86.585
50	86.722	86.954	87.071	87.140	87.270	87.332	87.415	87.531	87.623	87.800
60	87.915	88.018	88.113	88.215	88.376	88.493	88.663	88.743	88.886	89.005
70	89.189	89.318	89.446	89.573	89.729	89.882	89.978	90.177	90.327	90.423
80	90.613	90.756	90.909	90.963	91.115	91.262	91.422	91.735	91.810	91.981
90	92.059	92.230	92.363	92.556	92.666	92.787	92.866	92.953	93.176	93.266
100	93.439	93.656	93.770	93.921	94.108	94.217	94.353	94.430	94.517	94.626
110	94.947	95.481	95.652	96.025	96.111	96.239	96.385	96.457	96.633	96.716
120	96.859	97.024	97.163	97.275	97.366	97.497	97.605	97.655	97.776	97.833
130	97.921	98.002	98.080	98.304	98.493	98.652	98.768	98.866	99.006	99.112
140	99.242	99.312	99.459	99.671	99.768	99.948	100.039	100.157	100.325	100.405
150	100.491	100.618	100.700	100.789	100.935					

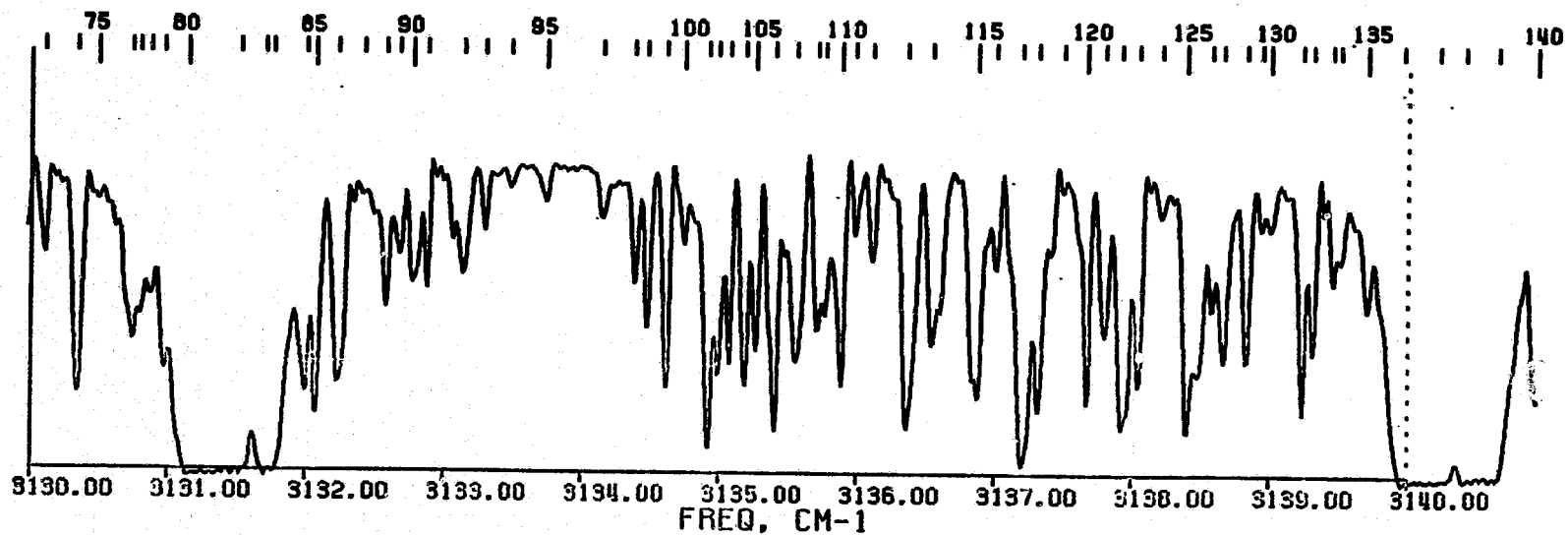
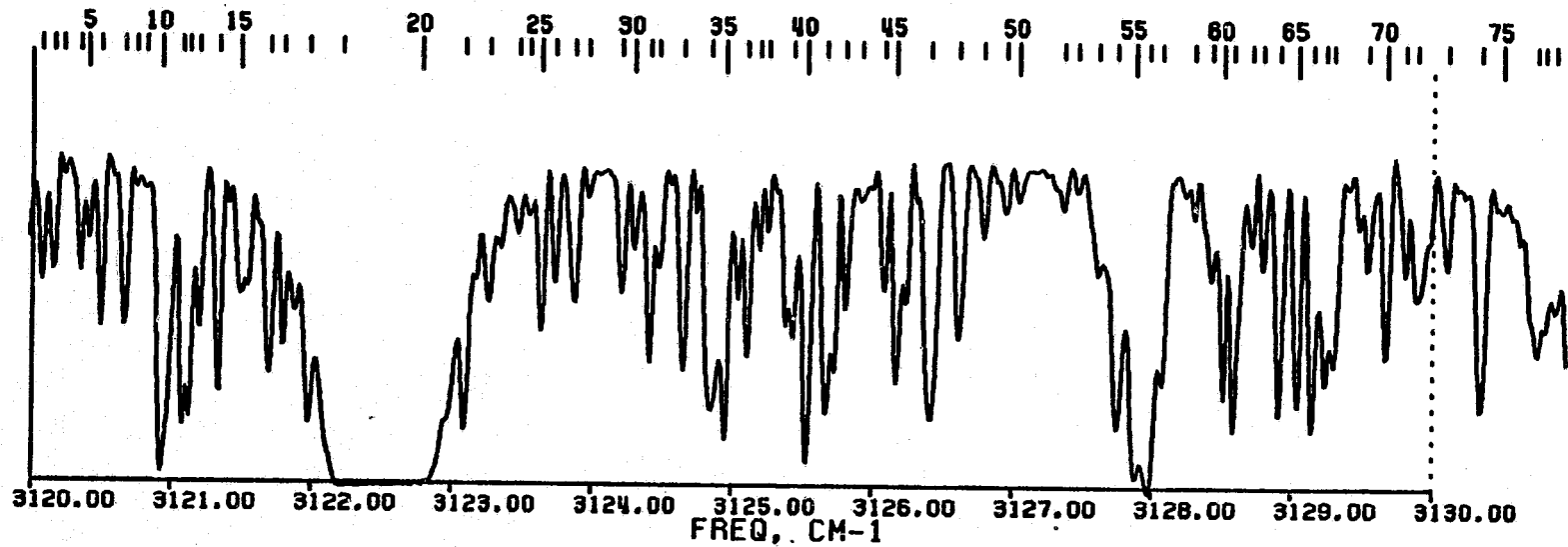


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20	2.196	2.362	2.508	2.569	2.694	2.833	3.052	3.159	3.286	3.374
30	3.539	3.644	3.742	3.926	4.191	4.675	4.872	5.065	5.251	5.506
40	5.732	5.828	5.930	6.003	6.137	6.283	6.460	6.568	6.788	6.953
50	7.109	7.286	7.388	7.506	7.628	7.703	7.870	7.960	8.054	8.140
60	8.210	8.327	8.496	8.692	8.890	9.065	9.299	9.485	9.640	9.735
70	9.804	9.886	10.068	10.146	10.231	10.309	10.458	10.549	10.669	10.850
80	10.978	11.103	11.294	11.441	11.515	11.615	11.702	11.877	11.982	12.180
90	12.959	12.423	12.553	12.759	12.890	13.025	13.162	13.712	14.033	14.167
100	14.295	14.483	14.704	14.843	14.922	15.057	15.138	15.242	15.411	15.521
110	15.690	15.770	15.889	15.988	16.069	16.234	16.403	16.489	16.608	16.672
120	16.795	16.970	17.165	17.387	17.450	17.539	17.661	17.837	18.026	18.152
130	18.268	18.387	18.532	18.634	18.793	18.871	19.020	19.174	19.270	19.394
140	19.512	19.710	19.825	19.972	20.071	20.155	20.230	20.344	20.405	20.493
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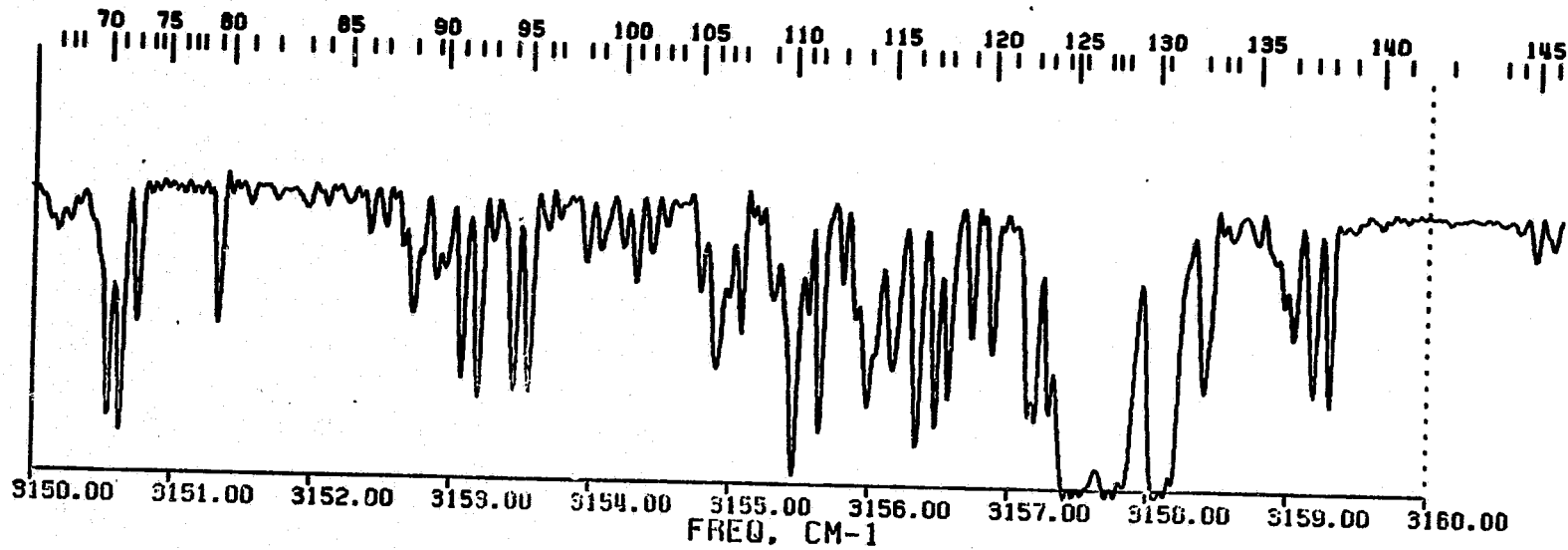
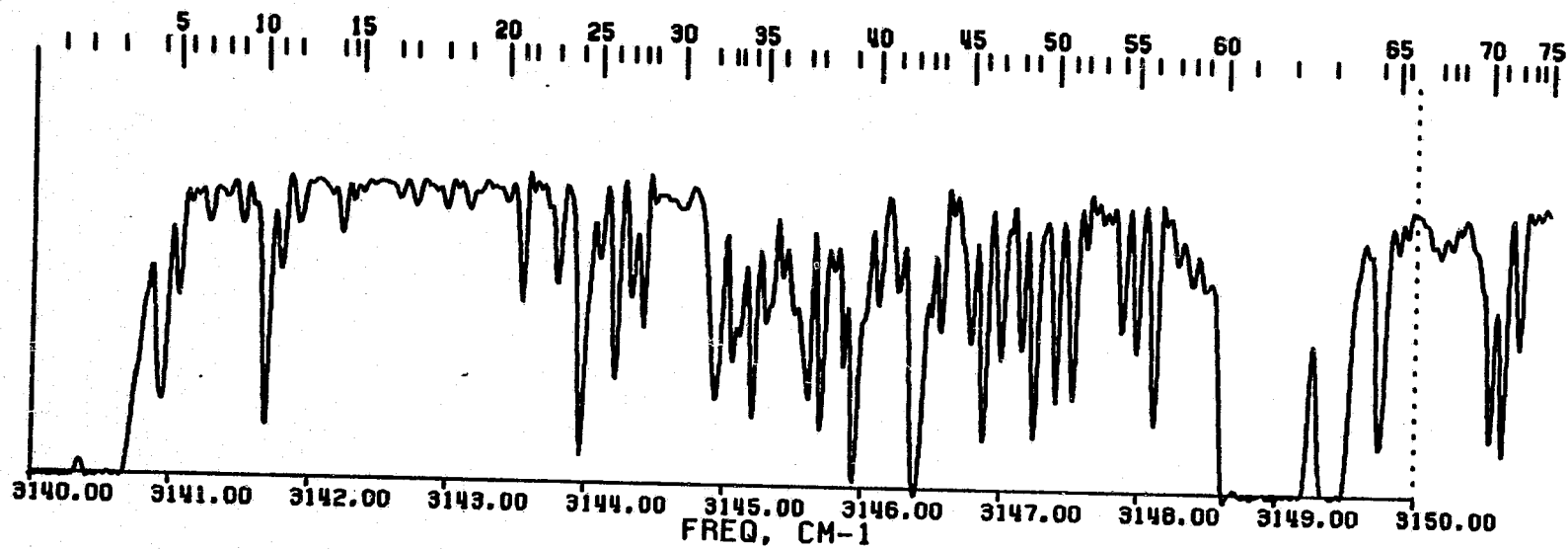


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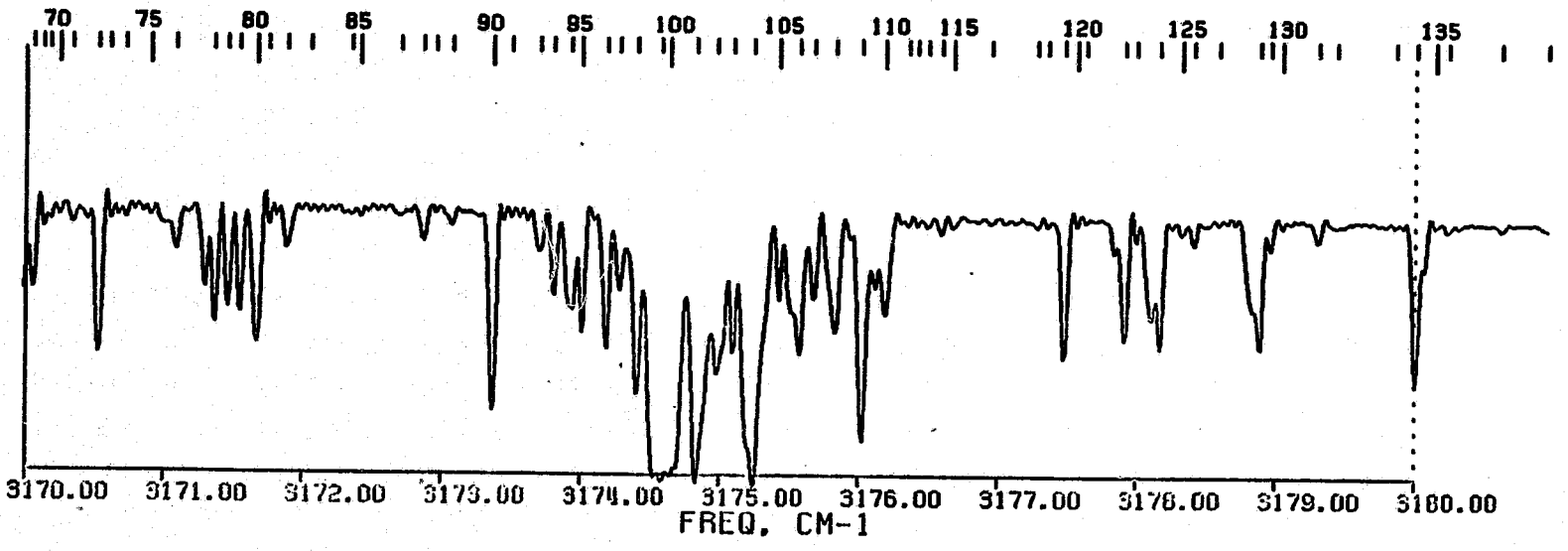
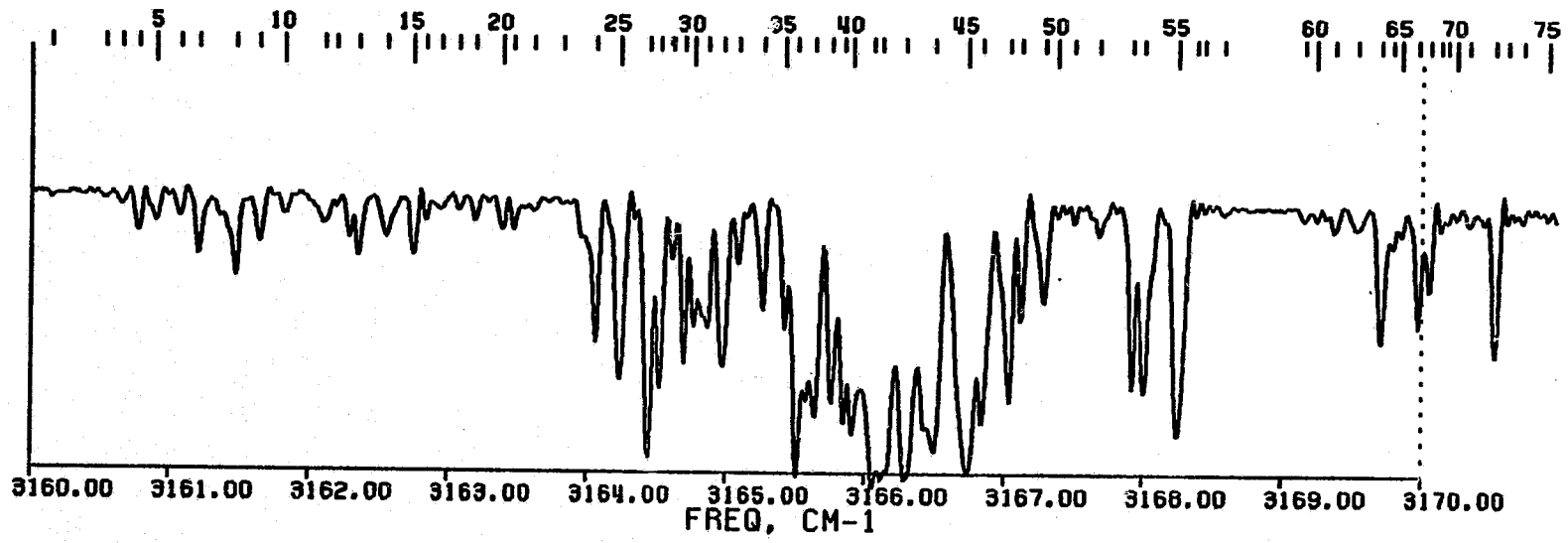
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	3100 +	40.222	40.413	40.649	40.939	41.051	41.139	41.269	41.402	41.510
10	41.683	41.793	41.921	42.229	42.314	42.377	42.645	42.763	42.983	43.151
20	43.426	43.541	43.614	43.793	43.968	44.098	44.214	44.331	44.417	44.493
30	44.697	44.941	45.061	45.110	45.208	45.303	45.421	45.613	45.704	45.943
40	46.115	46.260	46.388	46.495	46.567	46.786	46.881	47.005	47.151	47.246
50	47.401	47.523	47.614	47.738	47.878	47.982	48.116	48.279	48.388	48.484
60	48.627	48.821	49.120	49.405	49.744	49.872	49.935	50.175	50.261	50.325
70	50.540	50.630	50.748	50.841	50.898	50.962	51.078	51.143	51.198	51.328
80	51.418	51.555	51.743	51.964	52.102	52.261	52.408	52.522	52.728	52.891
90	52.956	53.075	53.196	53.297	53.451	53.557	53.682	53.769	53.969	54.069
100	54.233	54.326	54.435	54.537	54.630	54.787	54.904	54.991	55.082	55.310
110	55.458	55.563	55.648	55.808	55.989	56.170	56.343	56.476	56.568	56.738
120	56.886	57.024	57.191	57.293	57.410	57.470	57.529	57.708	57.767	57.833
130	58.063	58.125	58.406	58.530	58.603	58.780	59.043	59.184	59.303	59.469
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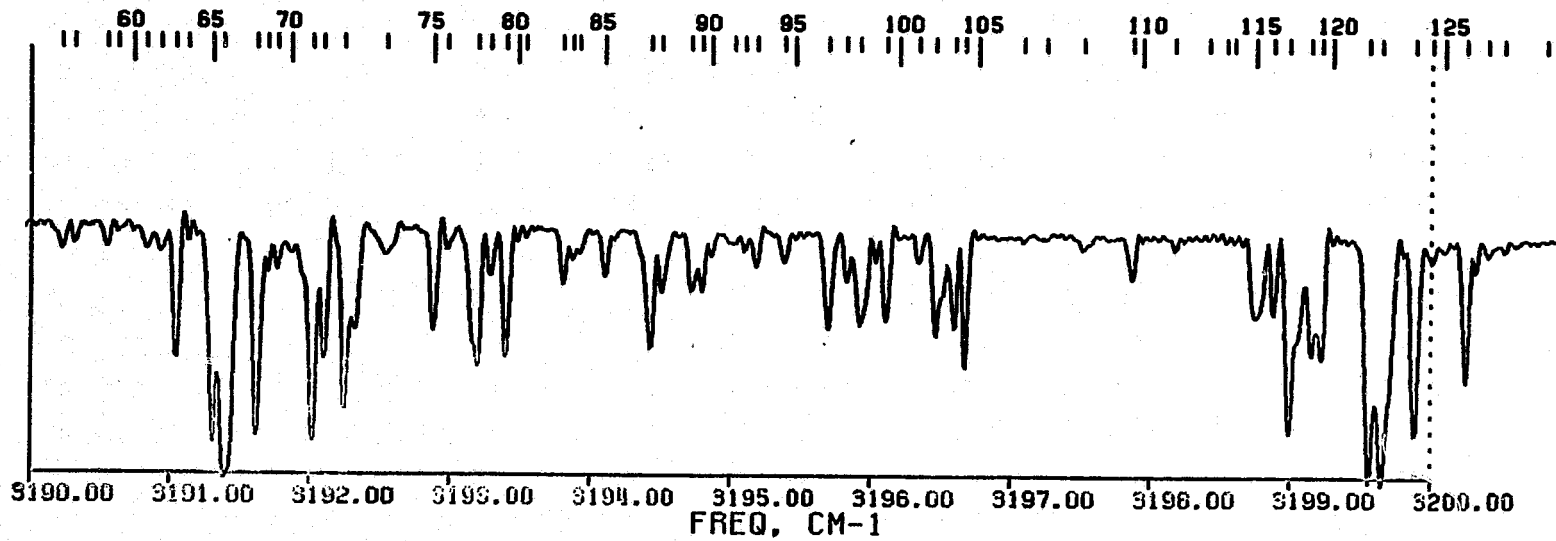
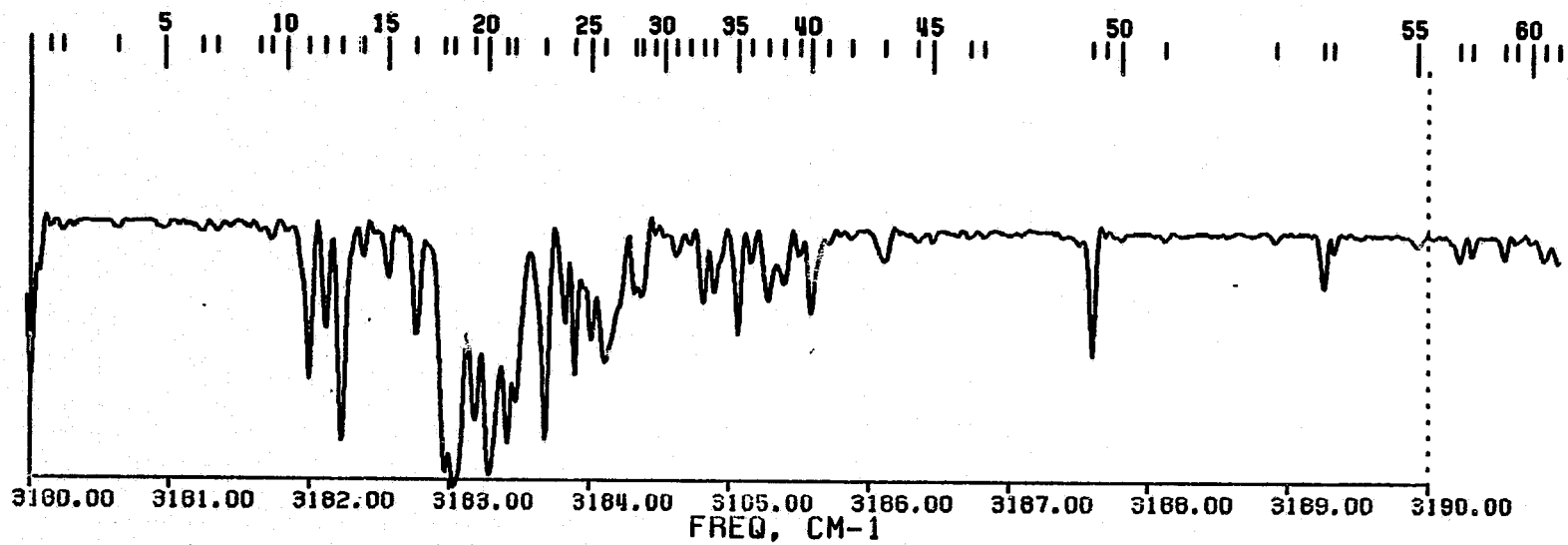
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20	63.391	63.471	63.618	63.826	64.065	64.236	64.446	64.524	64.614	64.699
30	64.769	64.867	64.977	65.089	65.267	65.424	65.513	65.640	65.760	65.848
40	65.911	66.060	66.119	66.293	66.498	66.738	66.842	67.039	67.121	67.287
50	67.382	67.503	67.684	67.923	68.006	68.249	68.379	68.440	68.578	69.158
60	69.246	69.375	69.536	69.706	69.790	69.849	69.974	70.056	70.132	70.181
70	70.245	70.338	70.526	70.614	70.724	70.906	71.087	71.364	71.459	71.545
80	71.669	71.757	71.884	72.053	72.350	72.414	72.706	72.865	72.957	73.073
90	73.367	73.501	73.703	73.805	73.931	74.010	74.186	74.279	74.405	74.583
100	74.641	74.832	74.981	75.096	75.246	75.427	75.574	75.677	75.832	76.026
110	76.191	76.357	76.423	76.497	76.595	76.681	76.956	77.286	77.359	77.478
120	77.569	77.633	77.912	77.994	78.166	78.325	78.410	78.591	78.886	78.960
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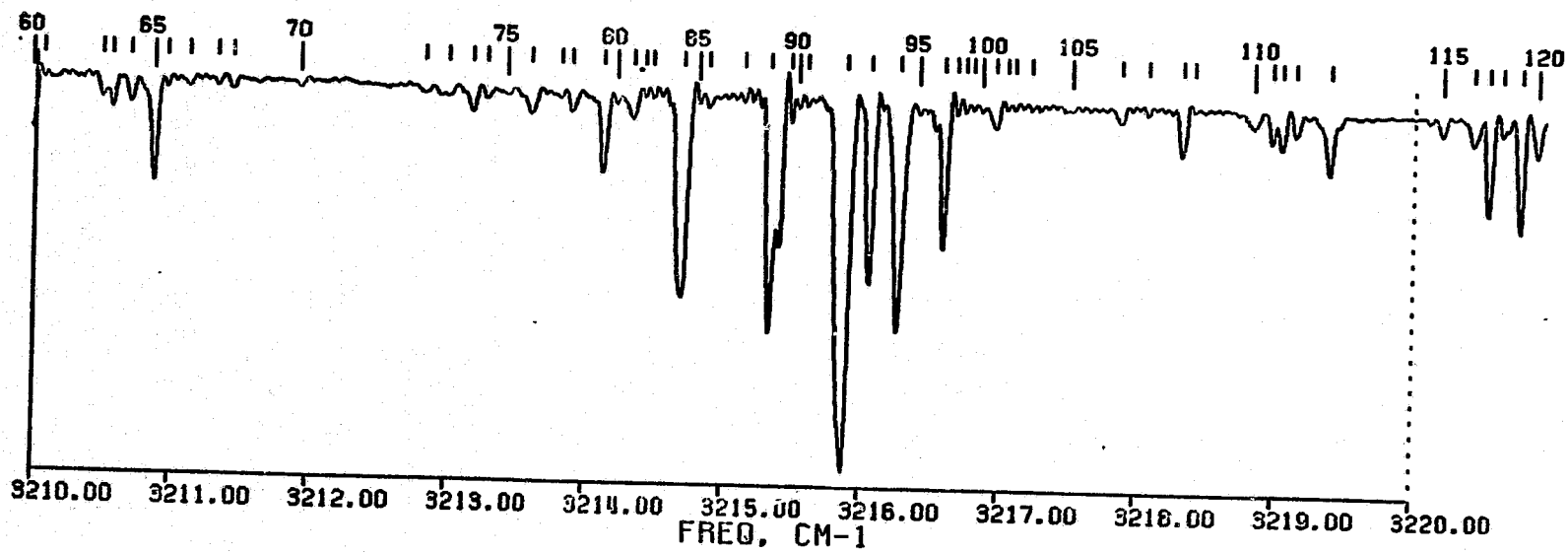
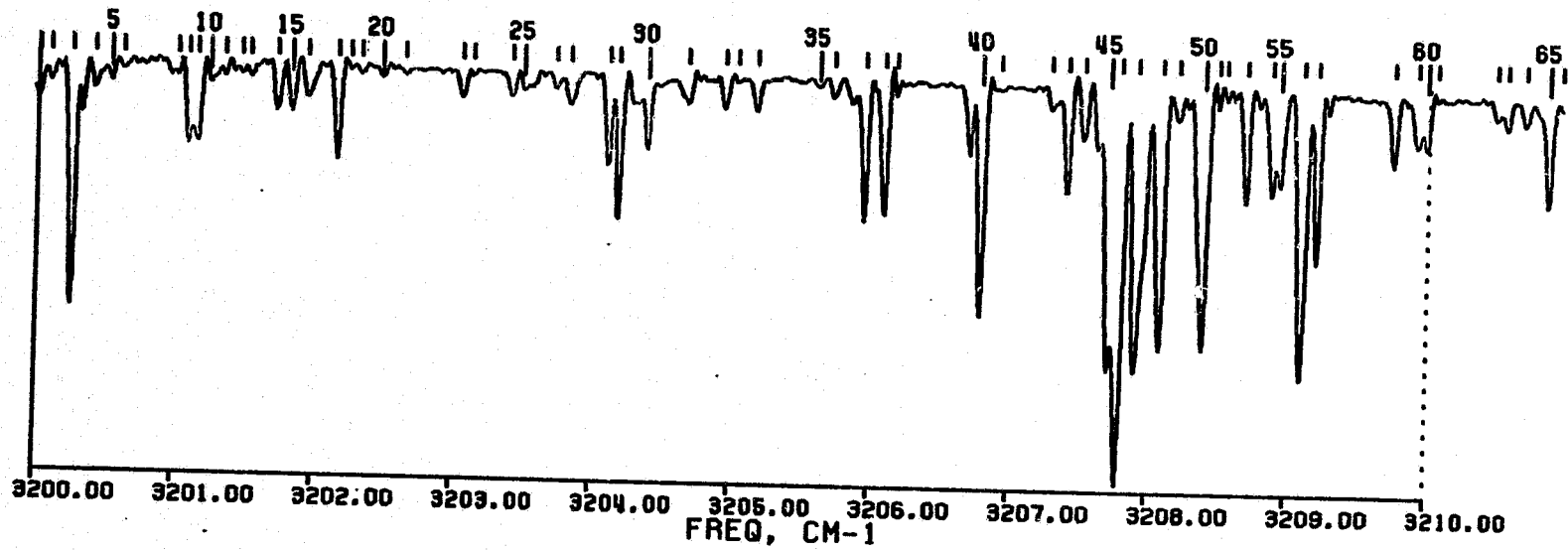


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20	83.282	83.412	83.471	83.683	83.897	84.015	84.113	84.327	84.377	84.472
30	84.540	84.626	84.723	84.818	84.894	85.067	85.159	85.279	85.394	85.503
40	85.586	85.710	85.875	86.112	86.344	86.456	86.721	86.824	87.600	87.694
50	87.809	88.117	88.906	89.253	89.323	89.922	90.225	90.316	90.548	90.627
60	90.738	90.831	90.933	91.040	91.130	91.306	91.385	91.617	91.699	91.764
70	91.868	92.020	92.099	92.245	92.541	92.878	92.976	93.195	93.286	93.395
80	93.479	93.540	93.807	93.873	93.924	94.107	94.432	94.509	94.724	94.799
90	94.865	95.031	95.104	95.188	95.385	95.467	95.702	95.830	95.928	96.112
100	96.207	96.345	96.465	96.602	96.675	96.769	97.095	97.254	97.518	97.869
110	97.941	98.175	98.417	98.540	98.598	98.751	98.877	98.991	99.148	99.221
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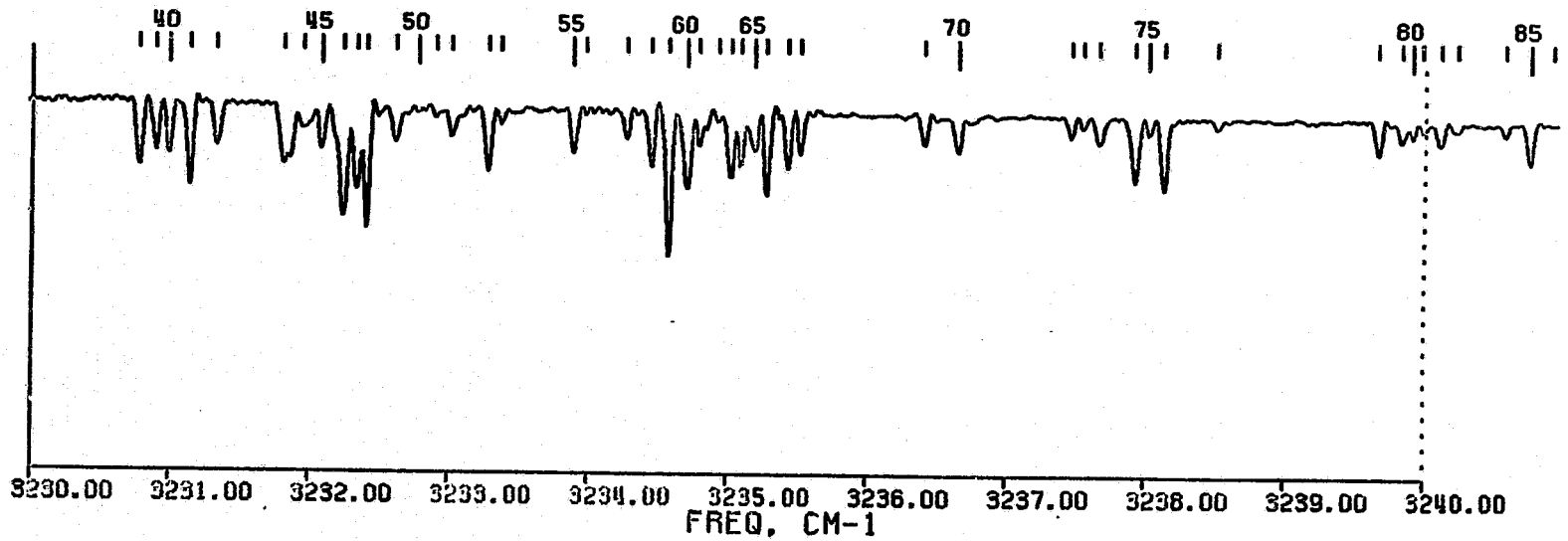
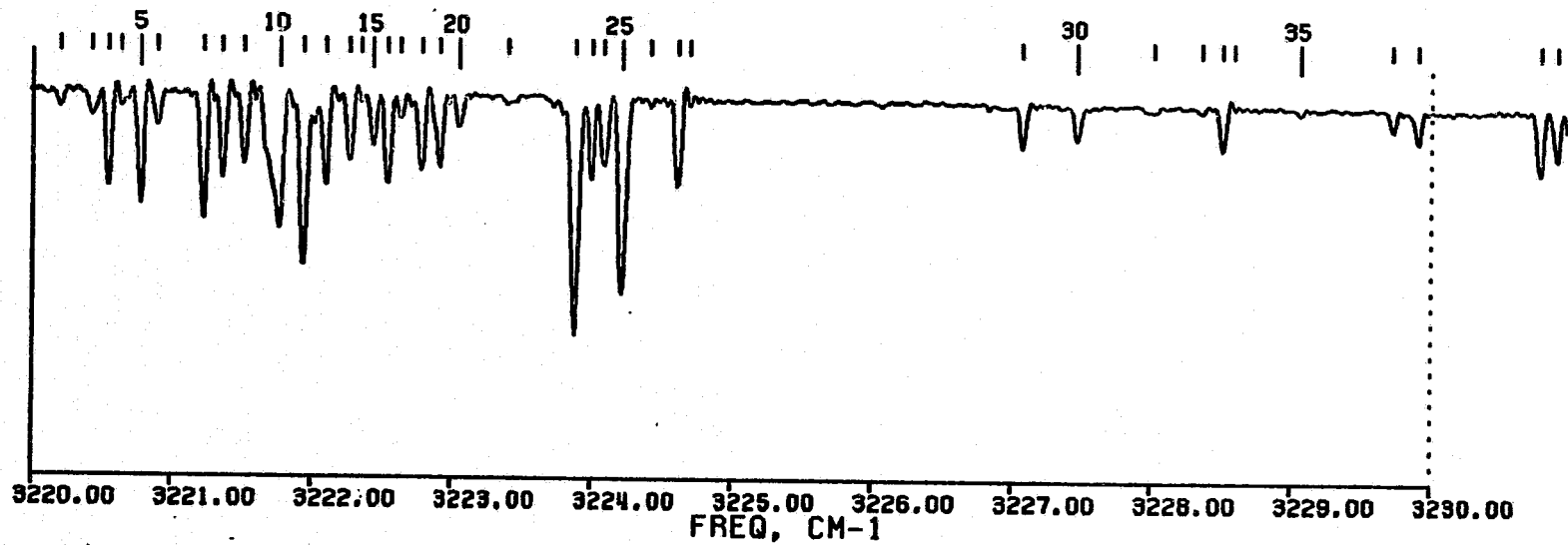


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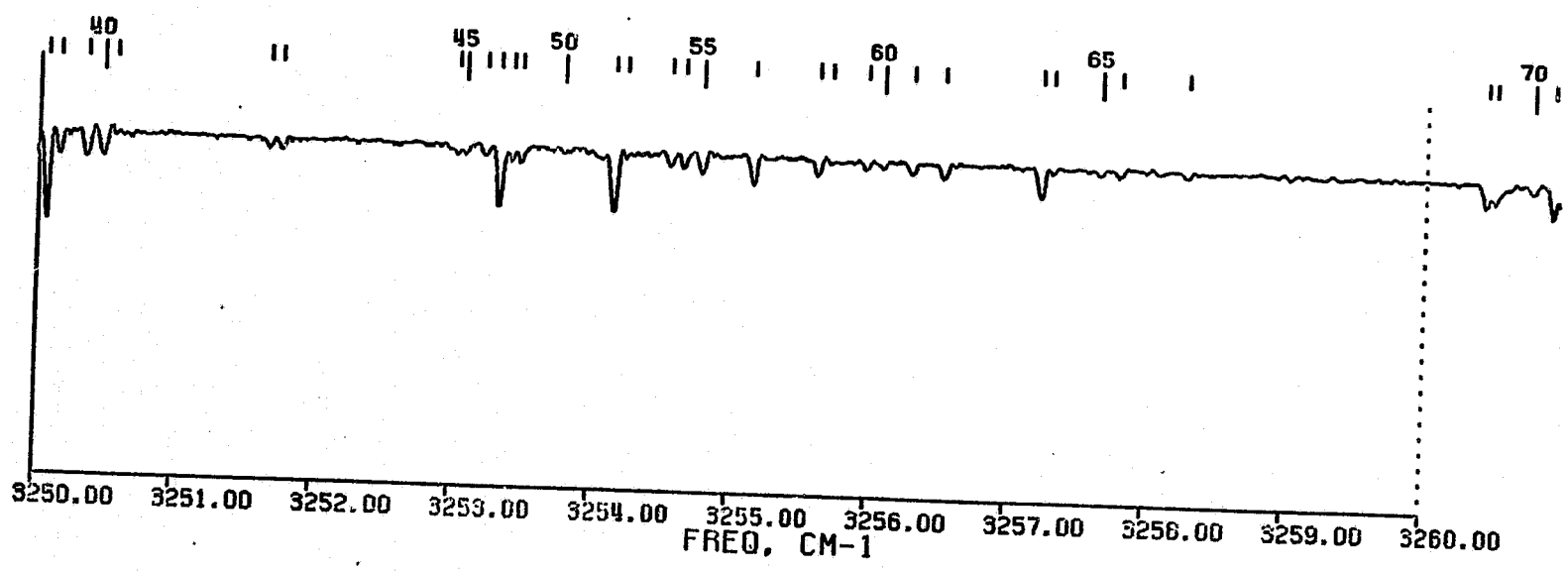
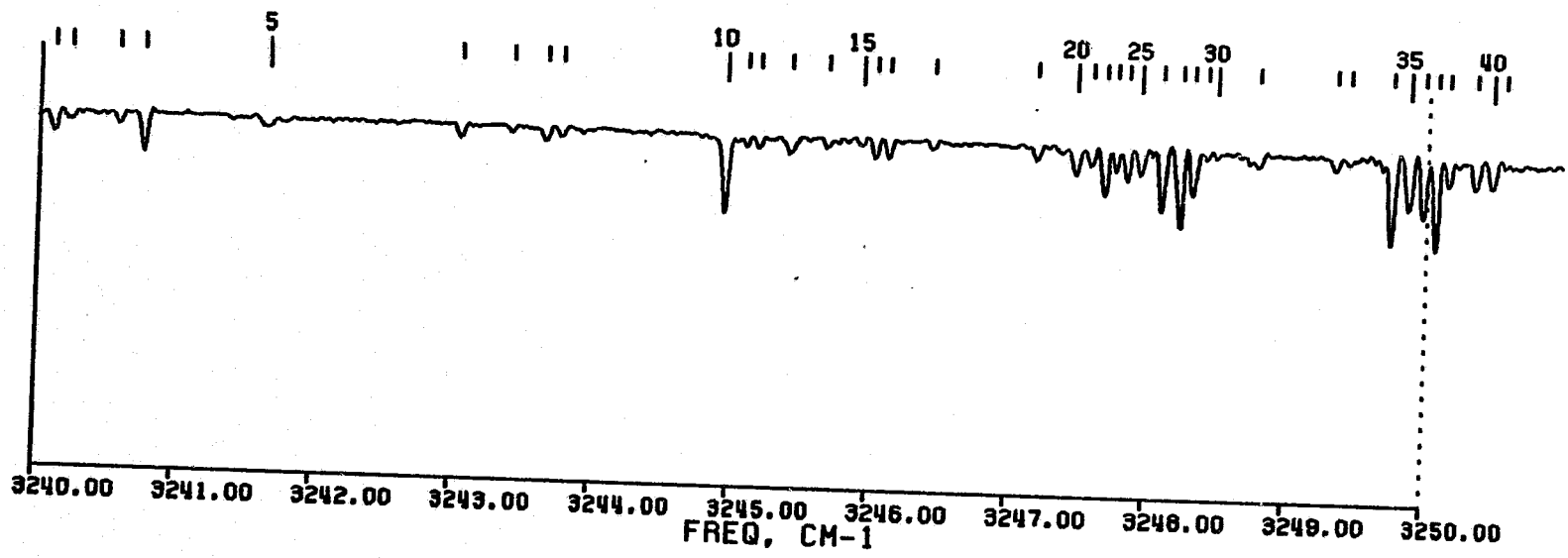


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10	21.764	21.936	22.096	22.266	22.350	22.434	22.538	22.628	22.780	22.911
20	23.049	23.400	23.880	23.997	24.087	24.216	24.422	24.615	24.700	27.075
30	27.466	28.014	28.357	28.502	28.588	29.060	29.723	29.903	30.775	30.895
40	30.967	31.138	31.329	31.611	31.947	32.079	32.238	32.332	32.406	32.613
50	32.773	32.899	33.015	33.278	33.372	33.890	33.977	34.273	34.451	34.576
60	34.708	34.793	34.932	35.023	35.091	35.193	35.277	35.428	35.517	36.410
70	36.652	37.462	37.546	37.663	37.921	38.021	38.129	38.508	39.664	39.829
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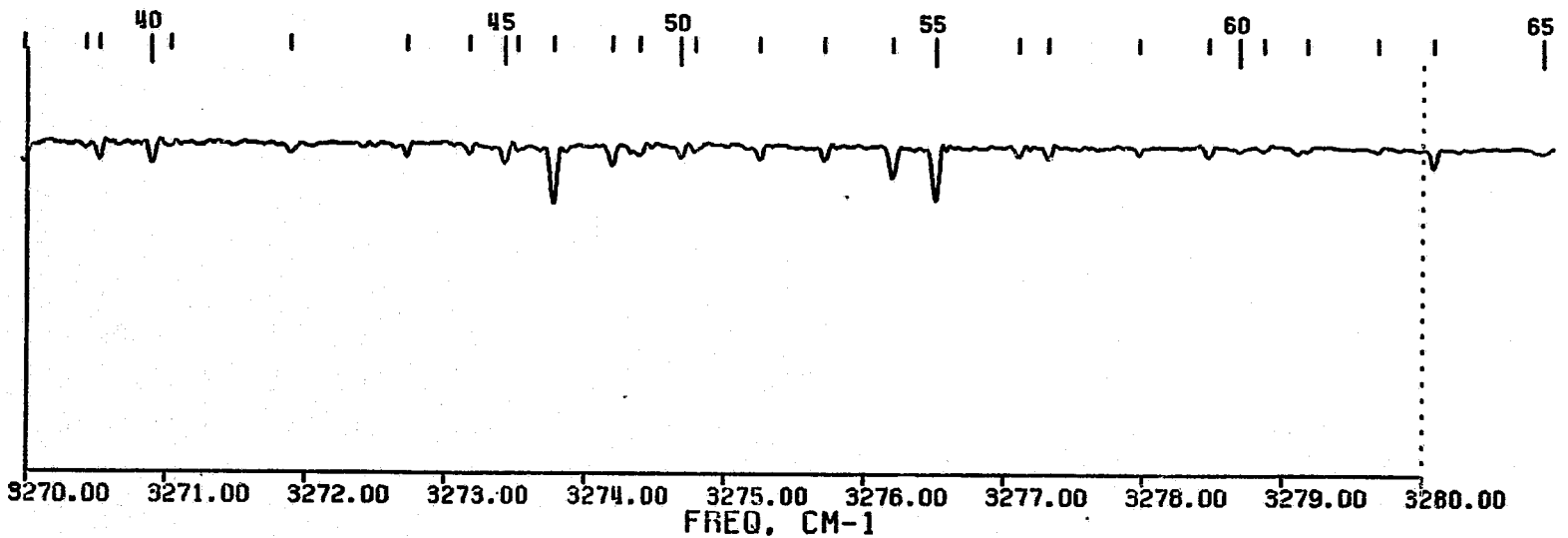
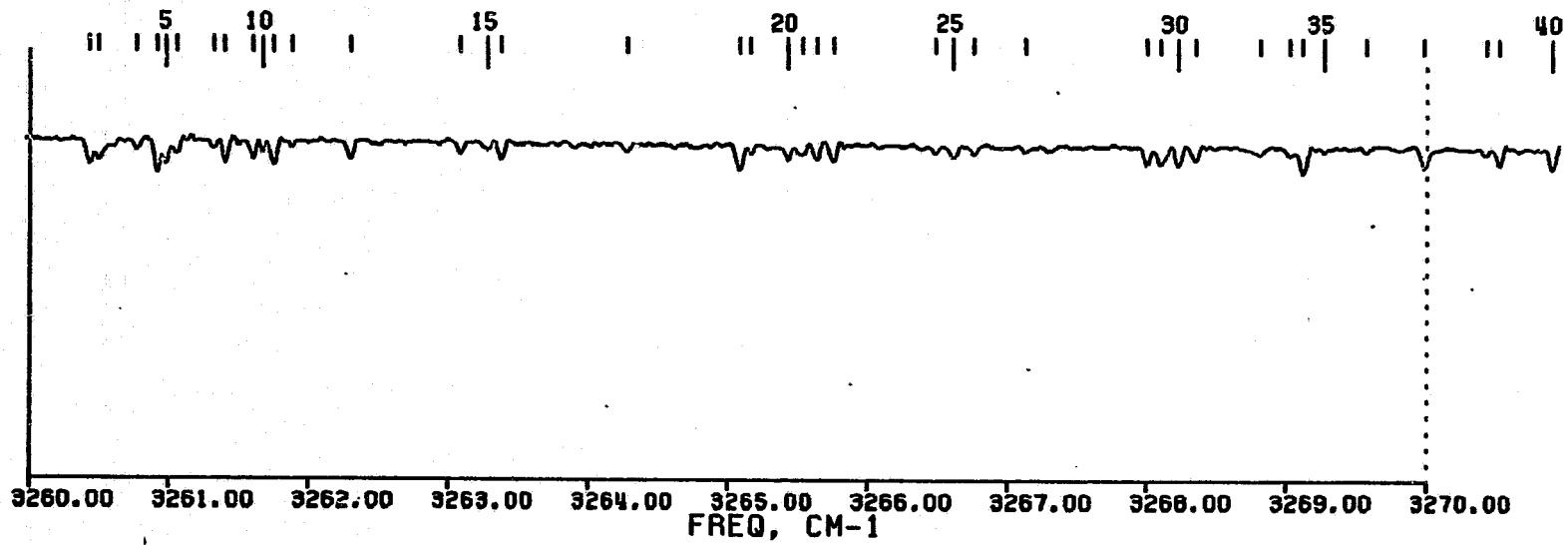


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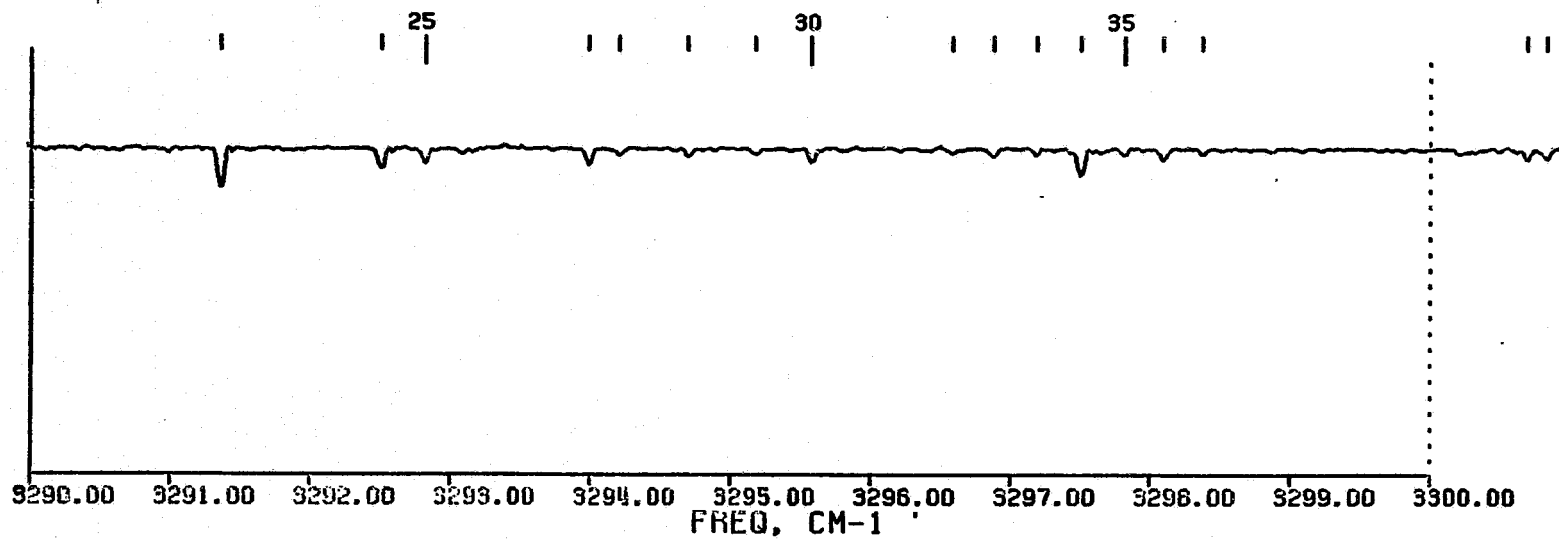
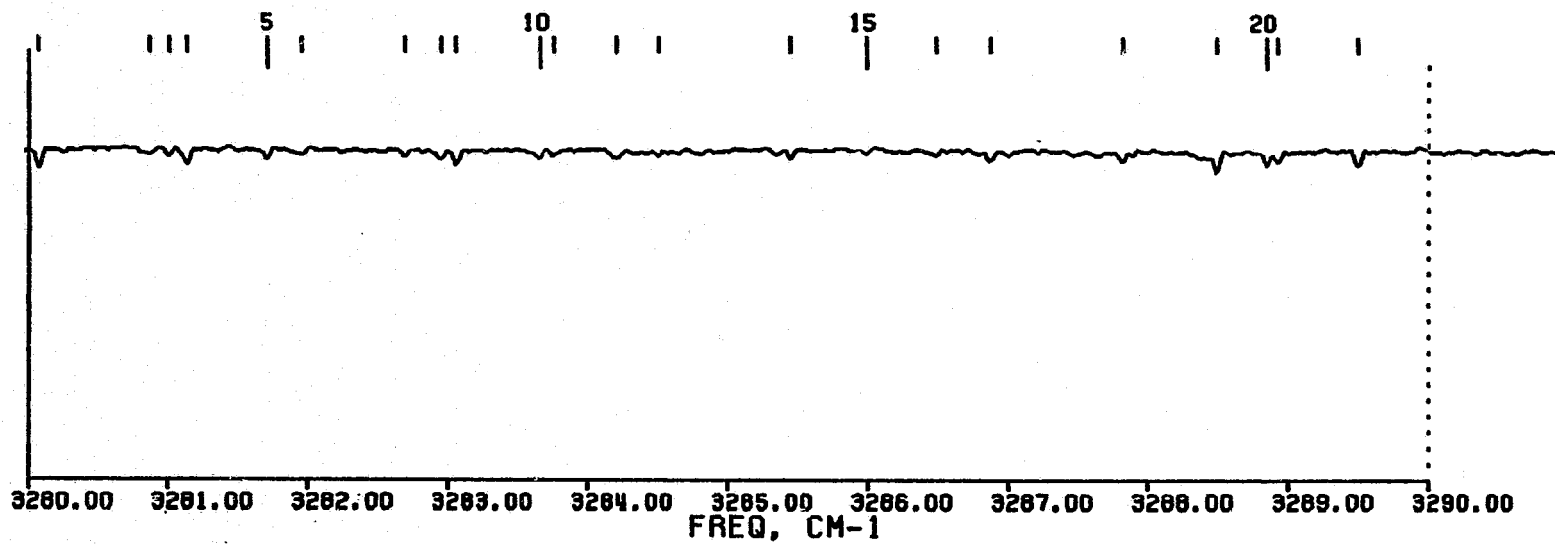
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20	65.430	65.530	65.636	65.756	66.486	66.613	66.760	67.132	67.995	68.092
30	68.220	68.345	68.806	69.021	69.113	69.265	69.566	69.981	70.423	70.520
40	70.894	71.029	71.891	72.723	73.173	73.425	73.518	73.775	74.195	74.390
50	74.686	74.788	75.254	75.715	76.202	76.513	77.107	77.317	77.967	78.466
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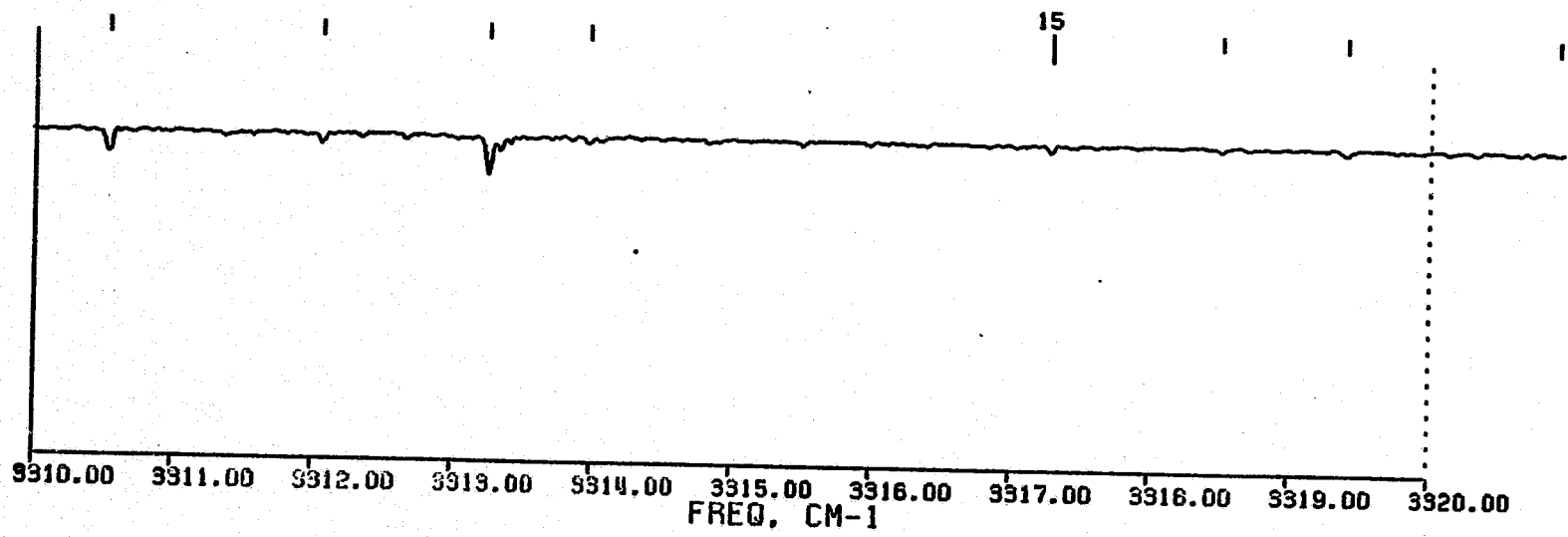
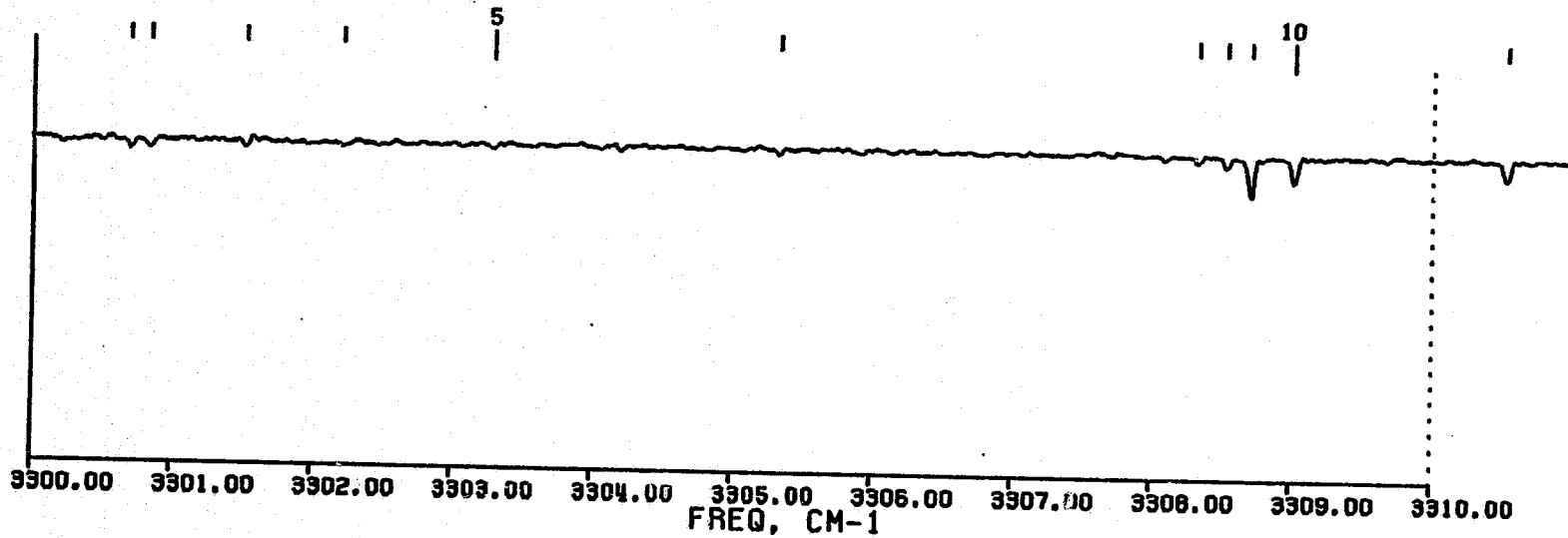
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10	83.654	83.754	84.204	84.505	85.444	85.985	86.482	86.868	87.814	88.484
20	88.845	88.924	89.497	91.360	92.508	92.821	93.995	94.210	94.703	95.184
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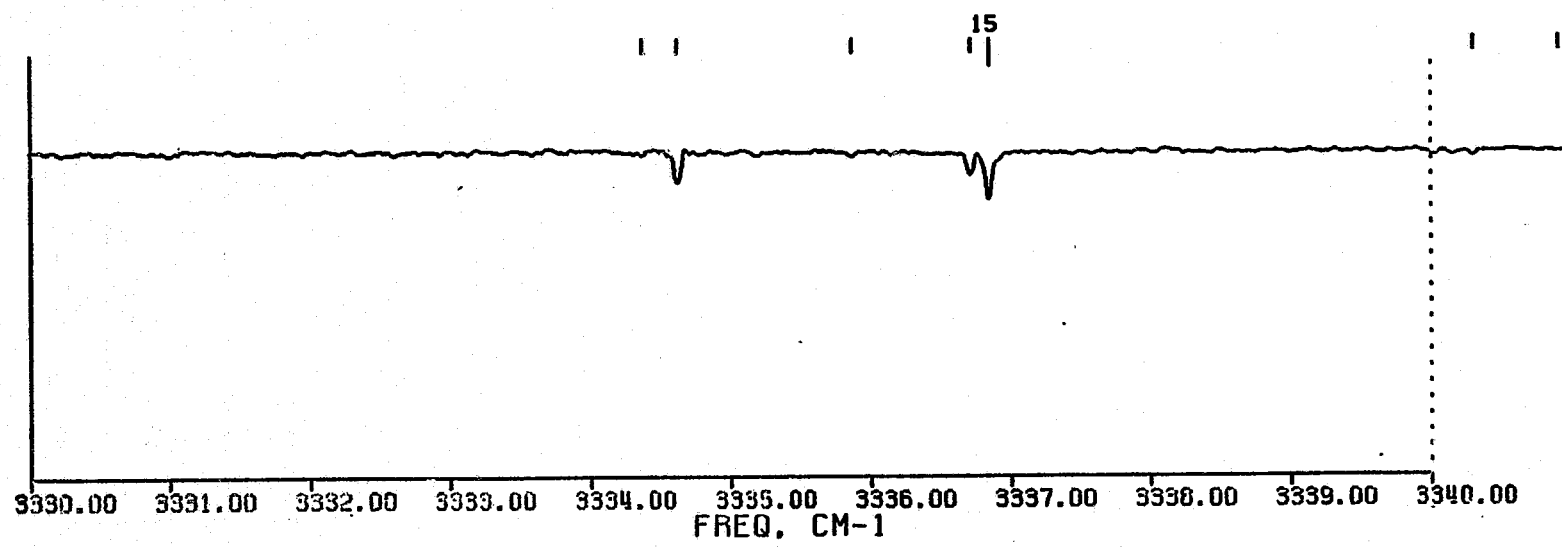
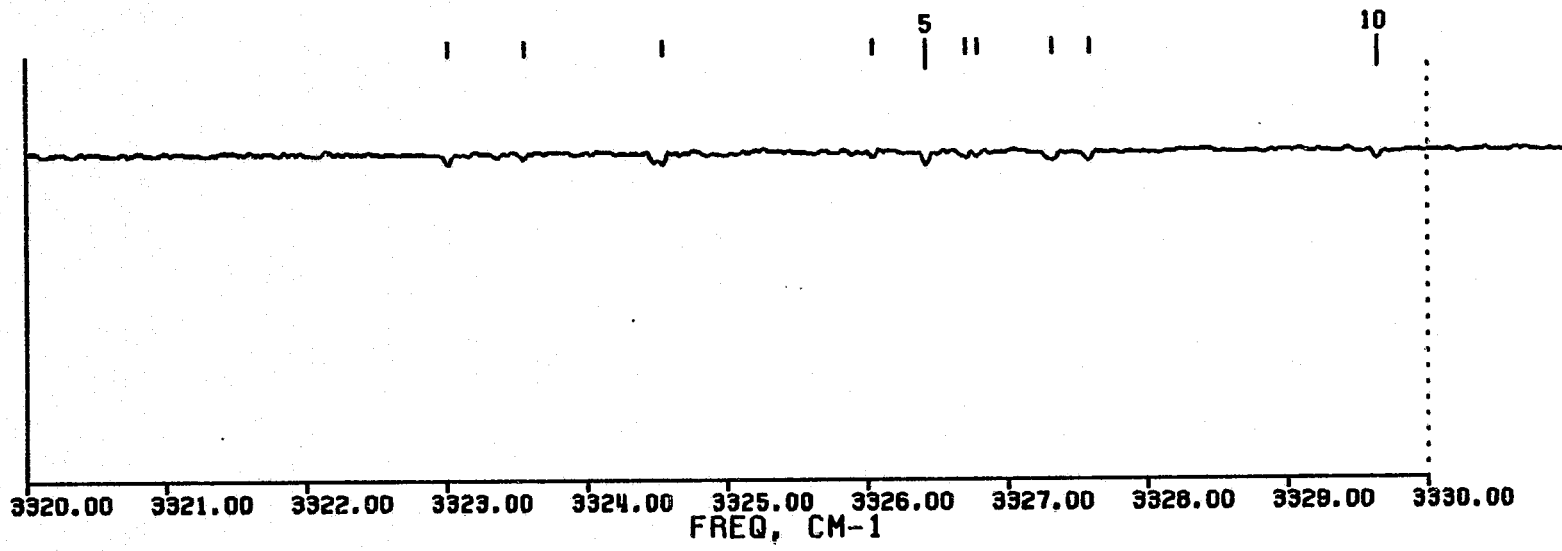
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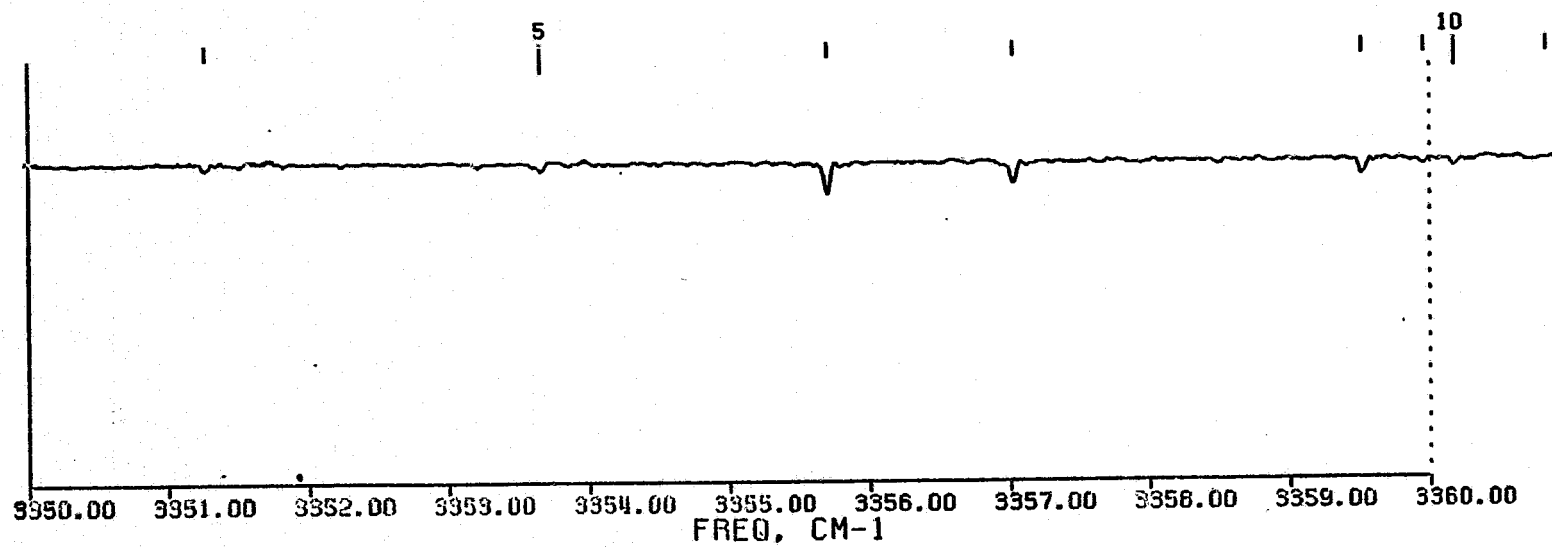
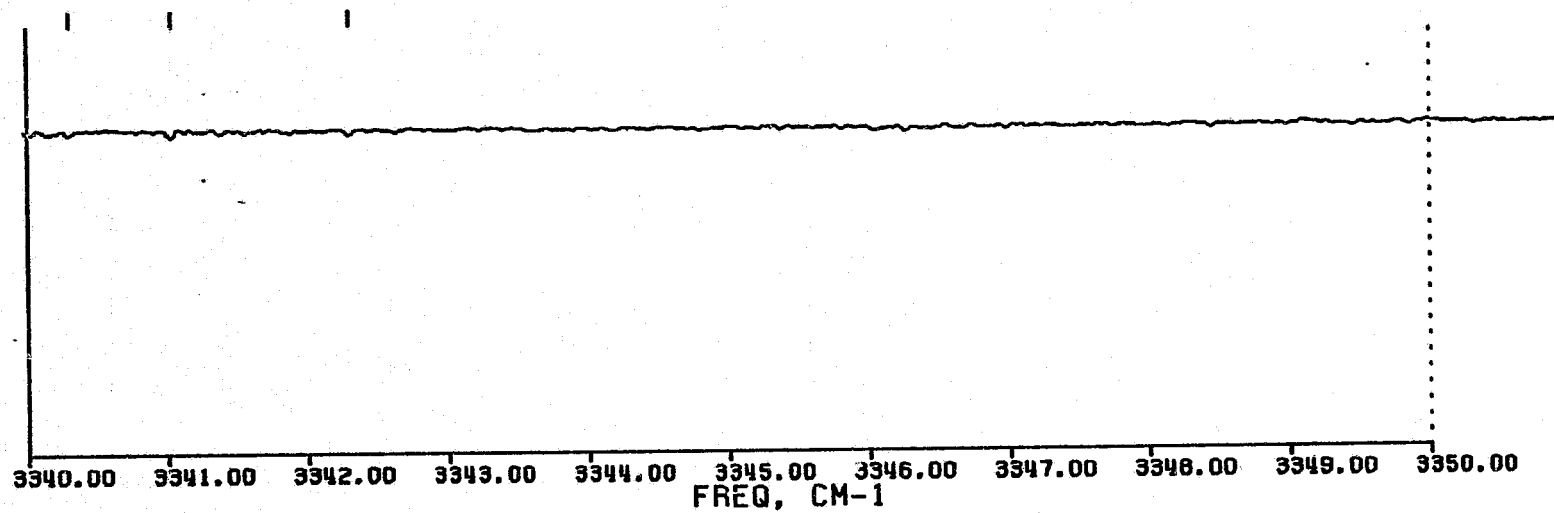


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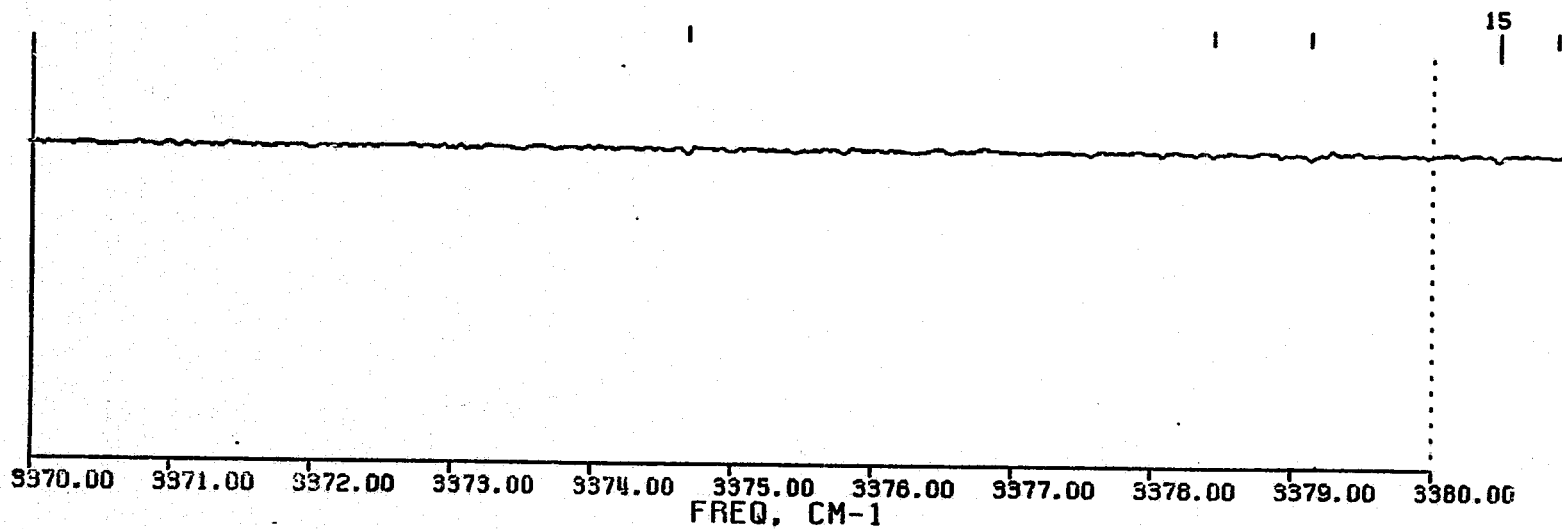
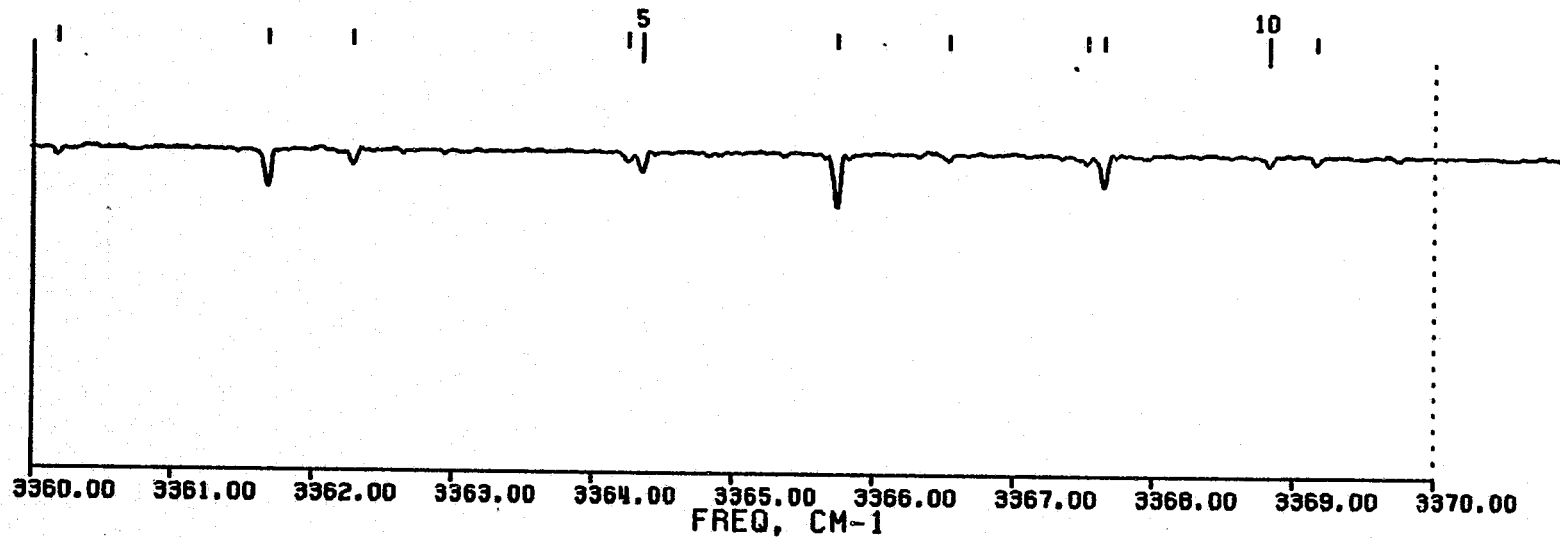


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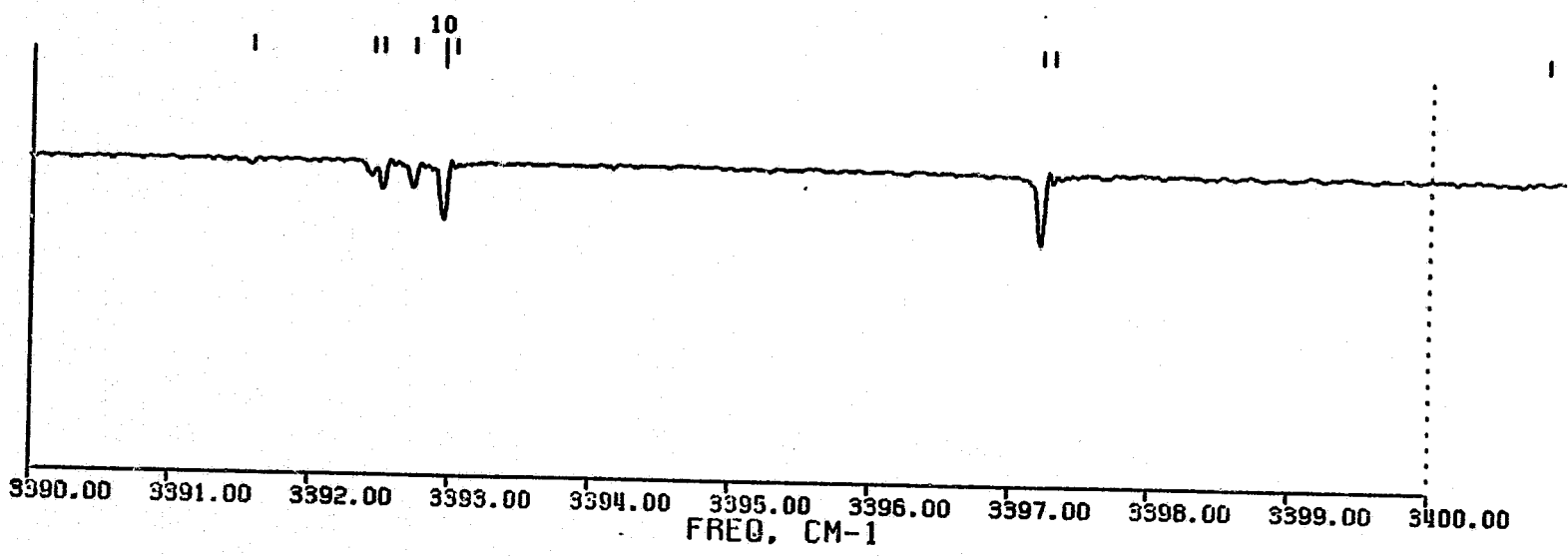
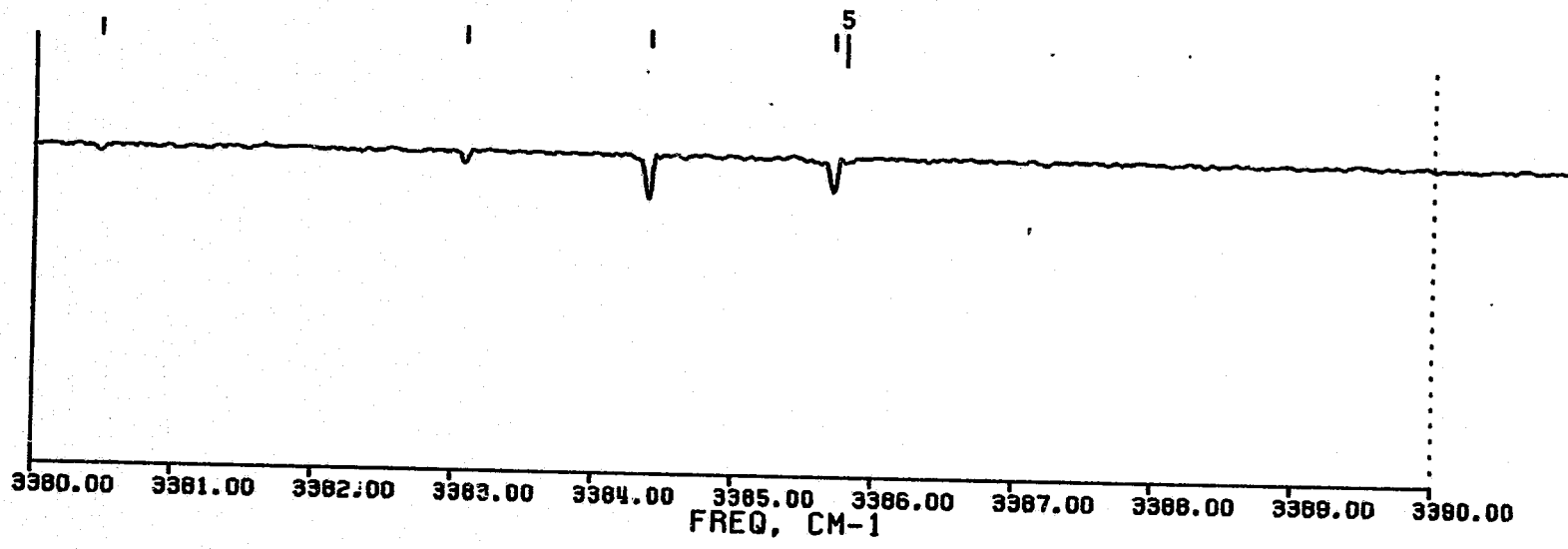
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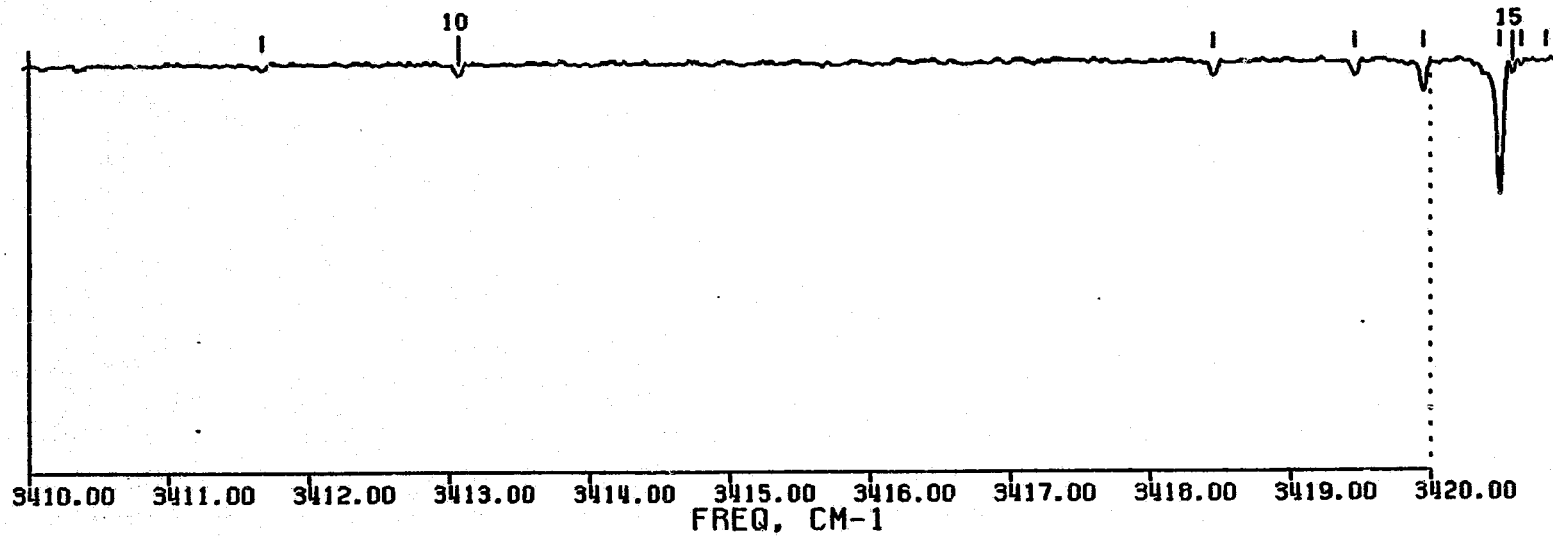
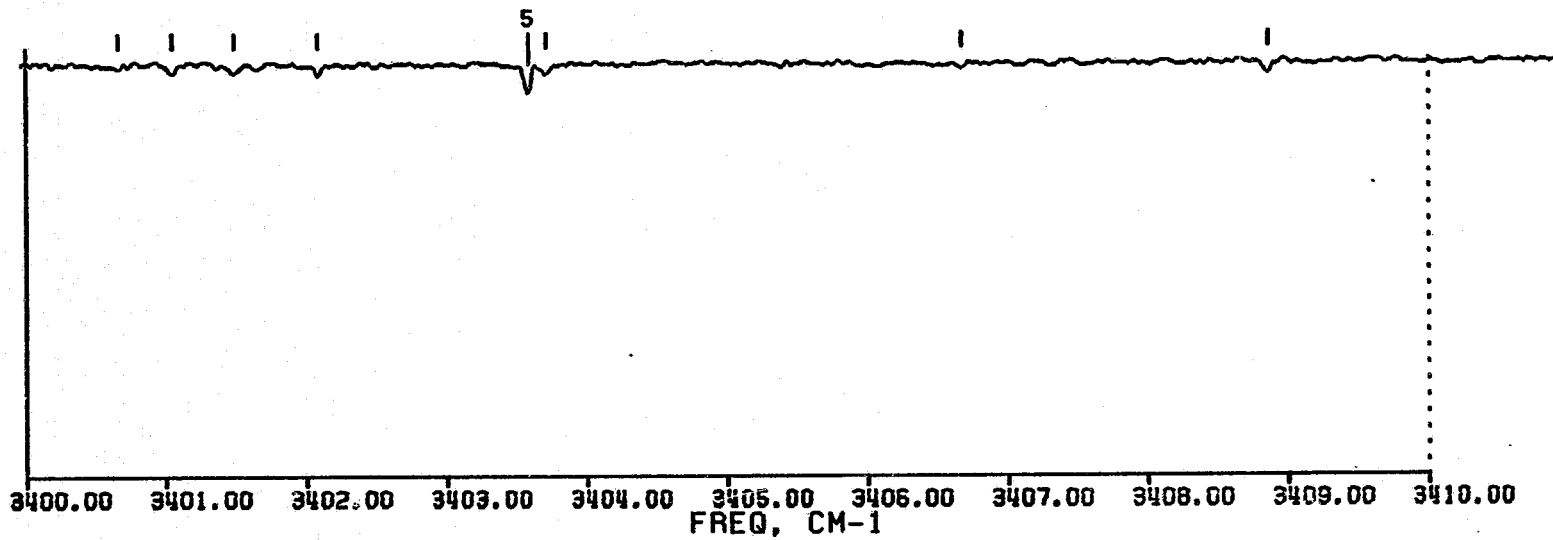
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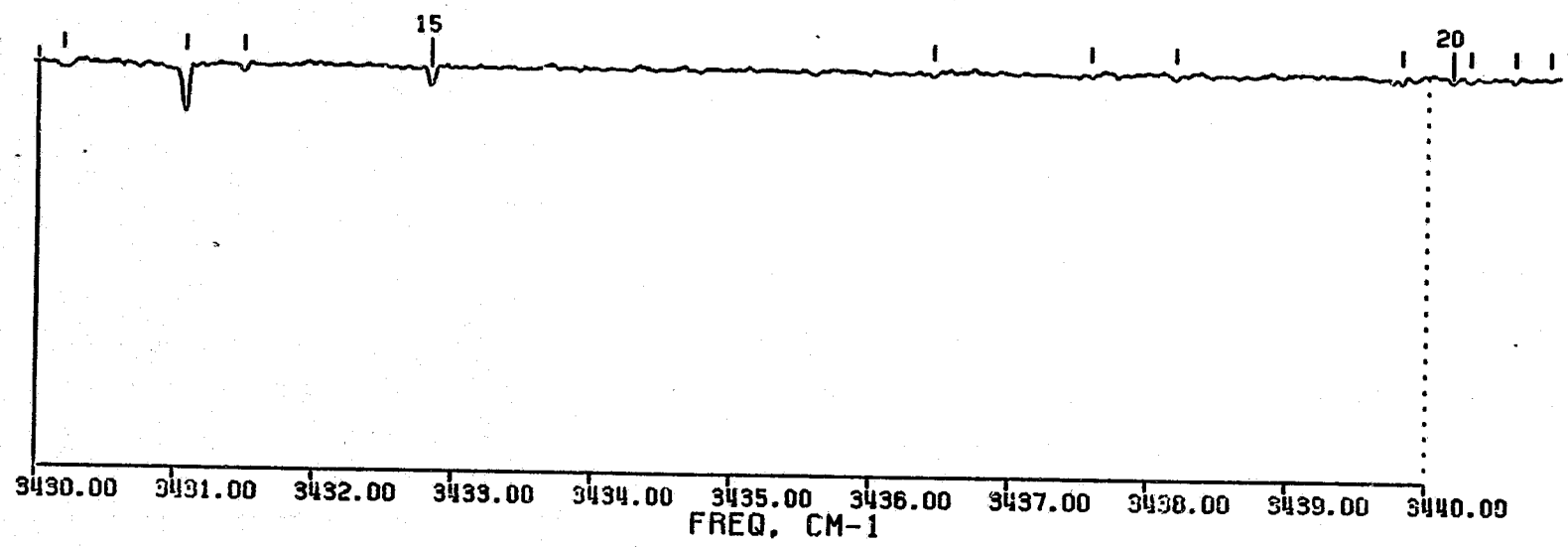
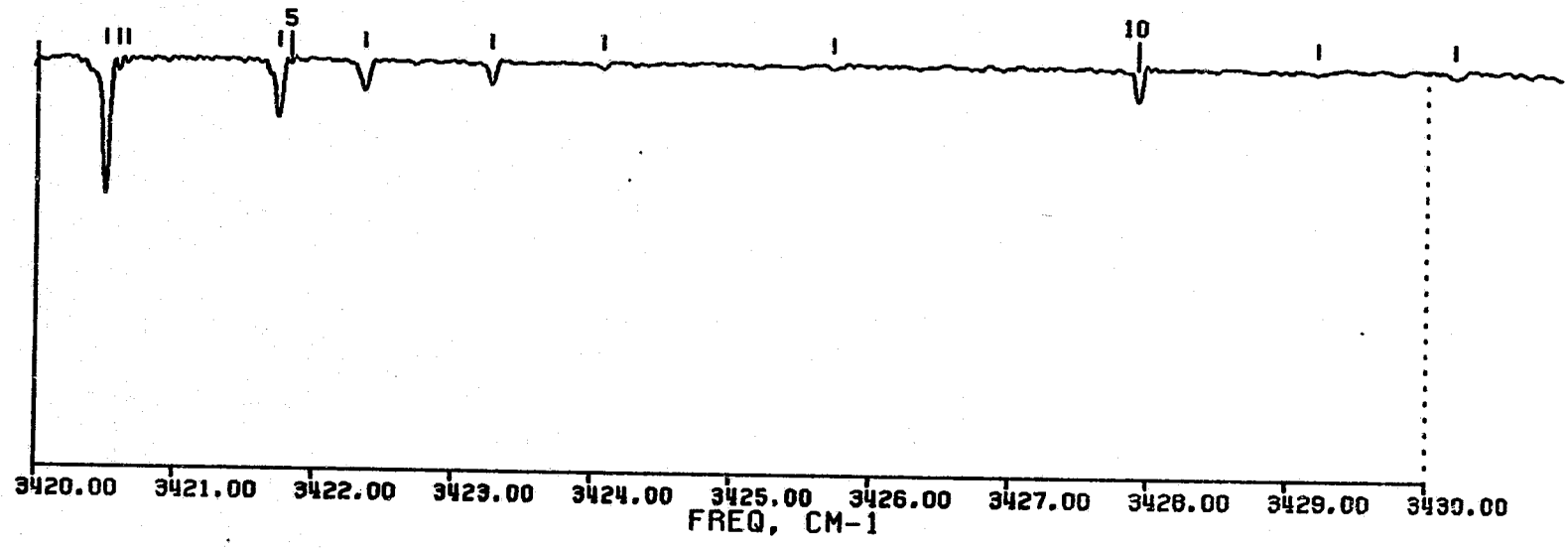
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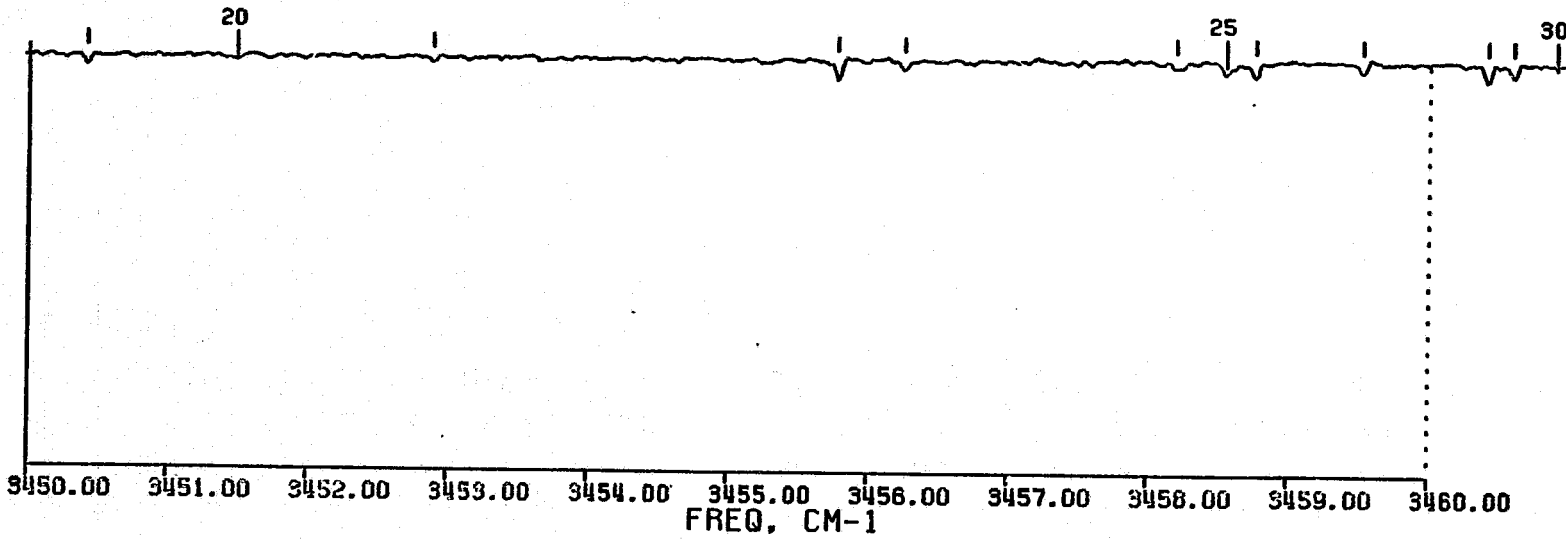
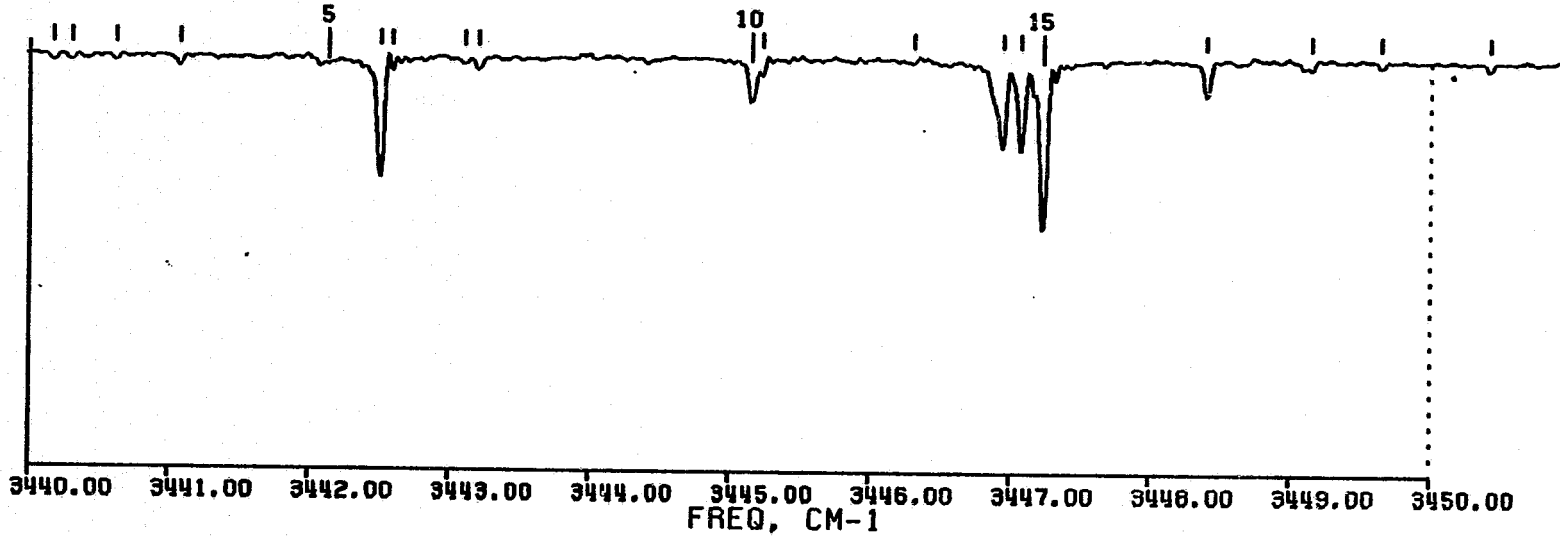
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10	27.915	29.203	30.187	31.066	31.486	32.829	36.444	37.580	38.184	39.808
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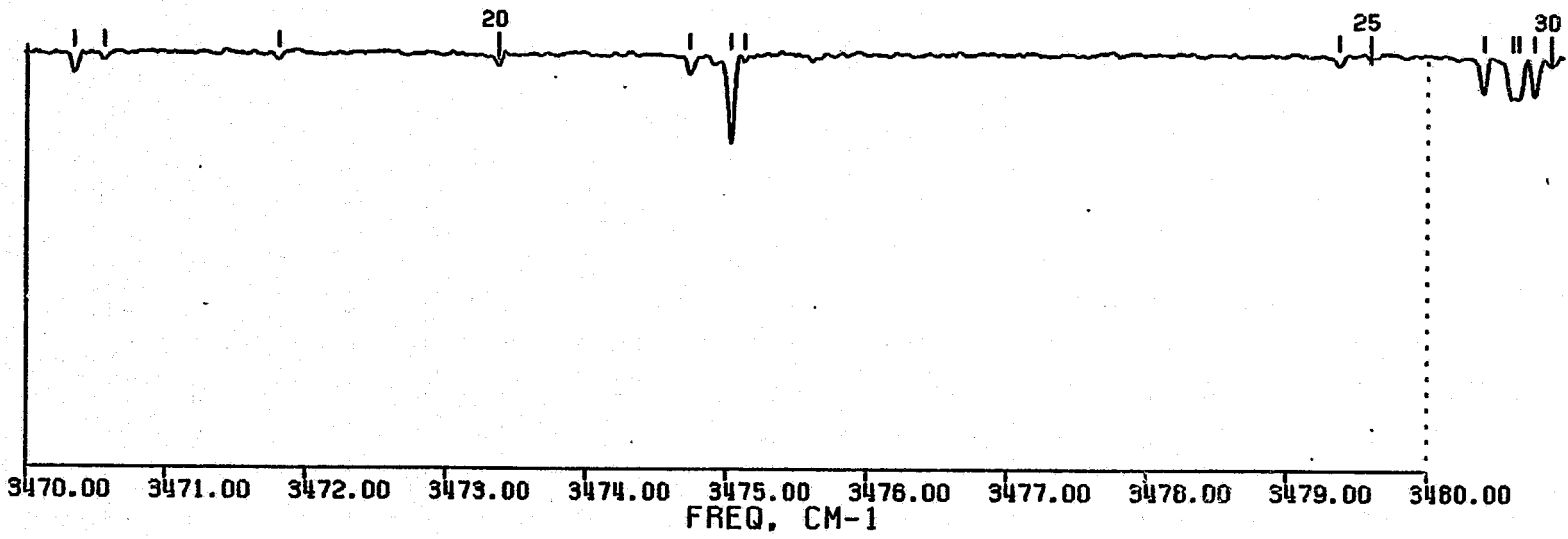
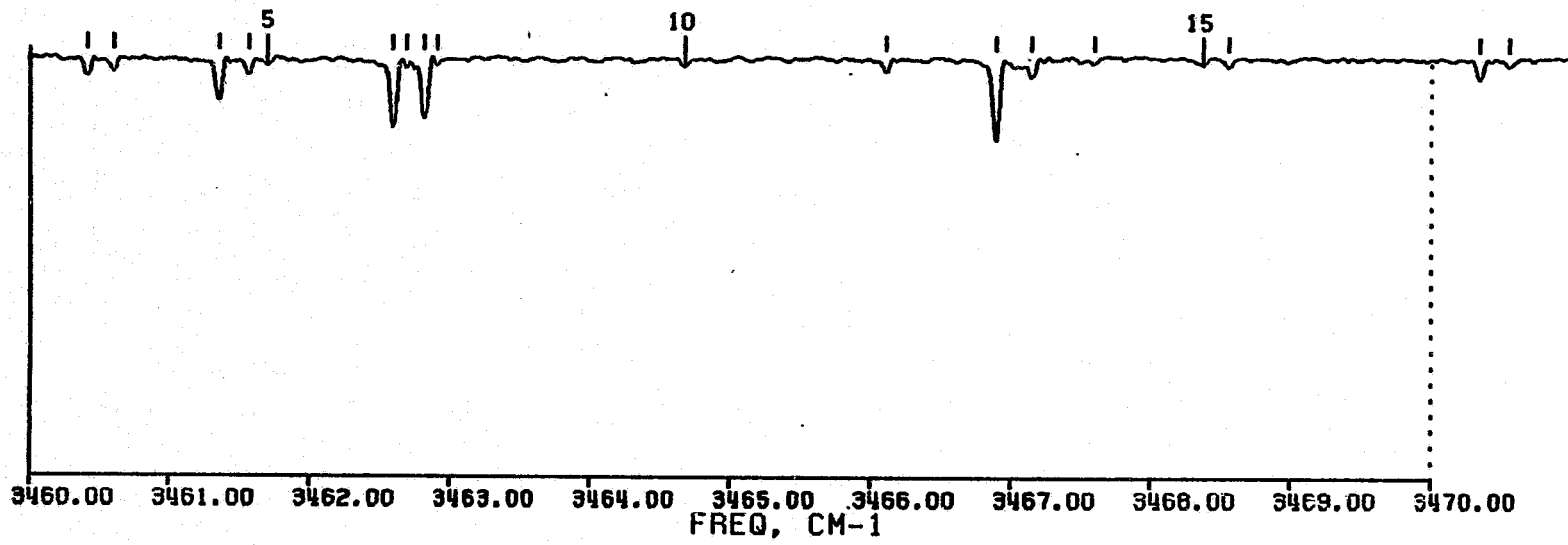


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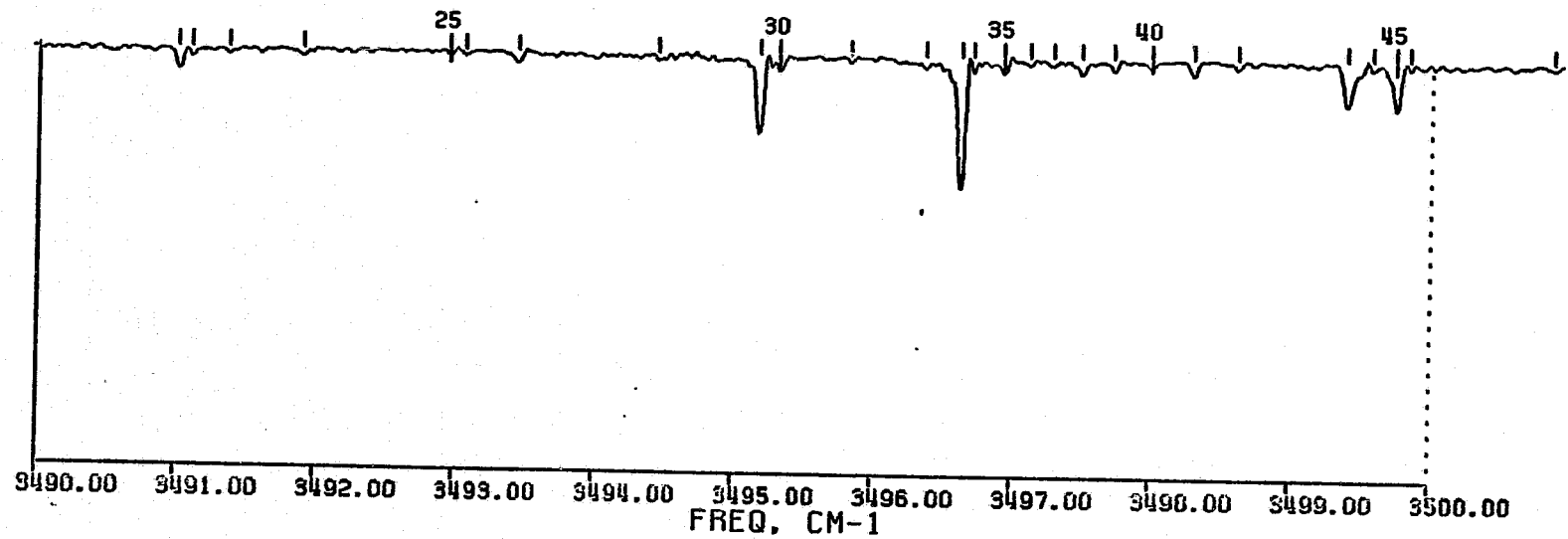
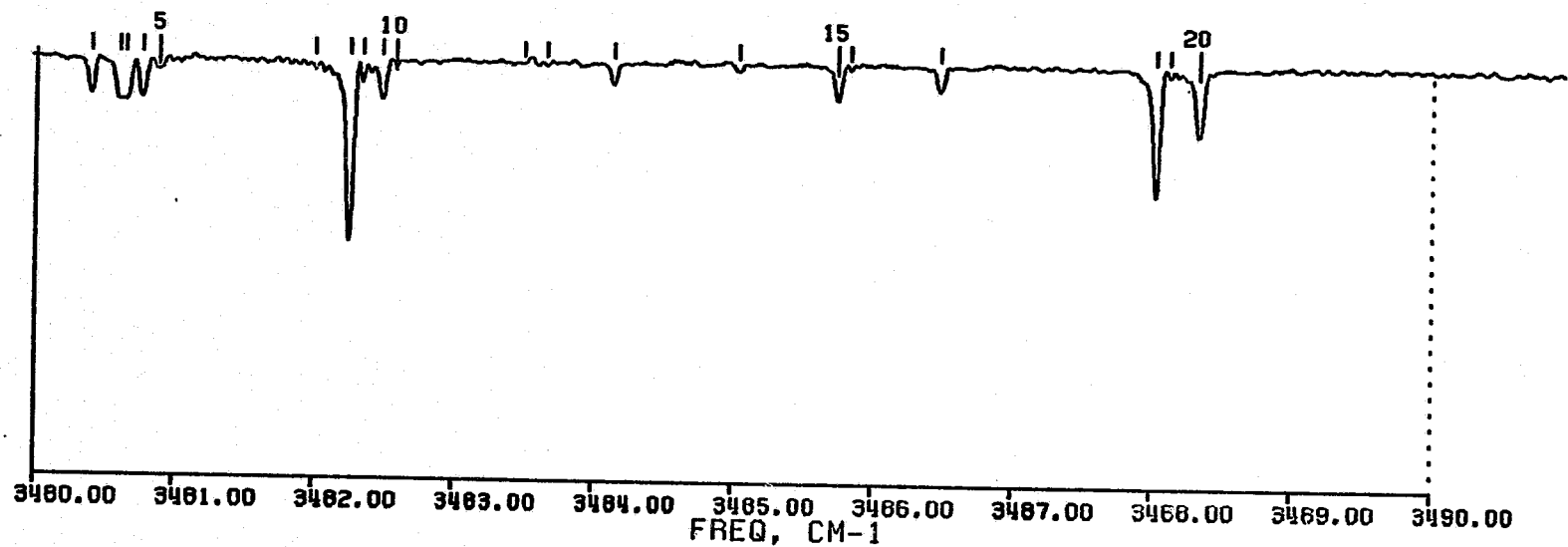


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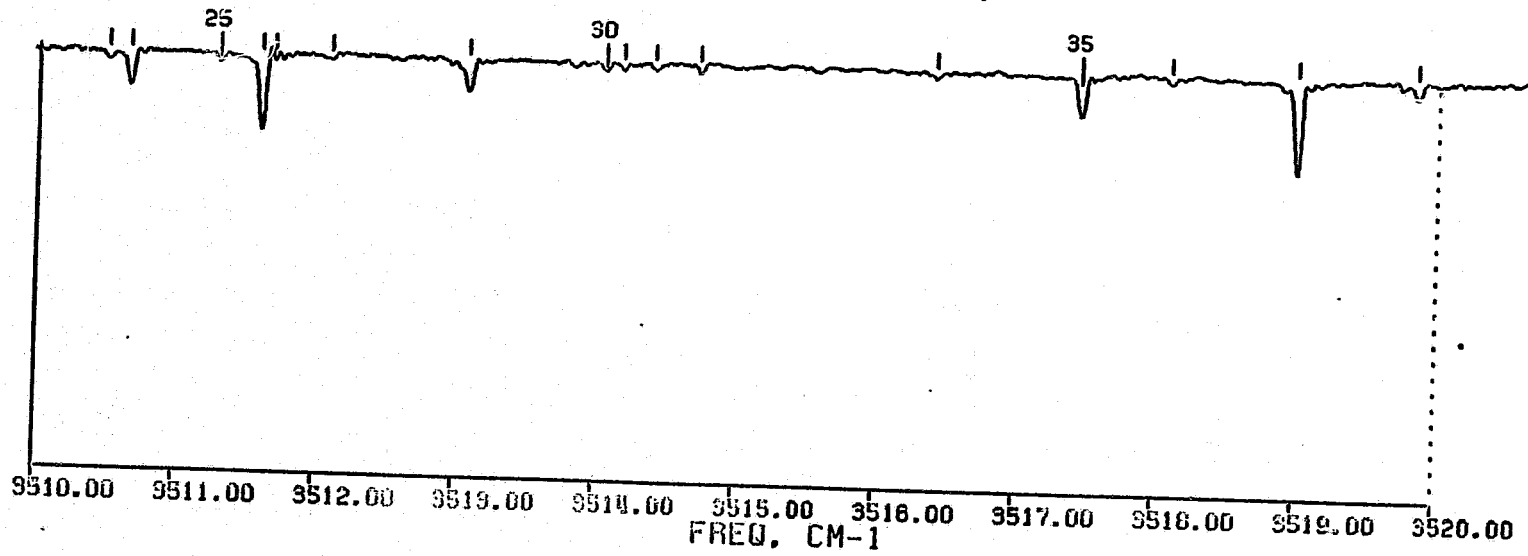
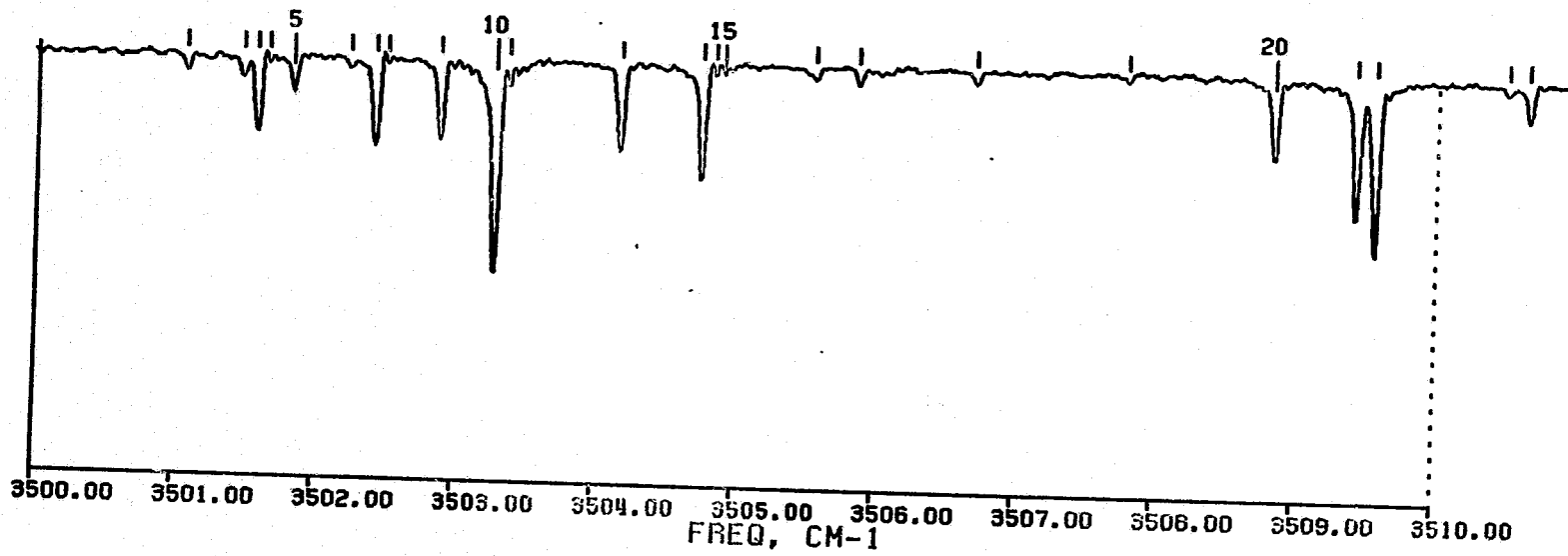
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10	82.571	83.486	83.652	84.132	85.031	85.736	85.826	86.471	88.020	88.114
20	88.325	91.007	91.101	91.367	91.900	92.952	93.062	93.439	94.447	95.174
30	95.318	95.827	96.366	96.624	96.707	96.926	97.115	97.280	97.486	97.721
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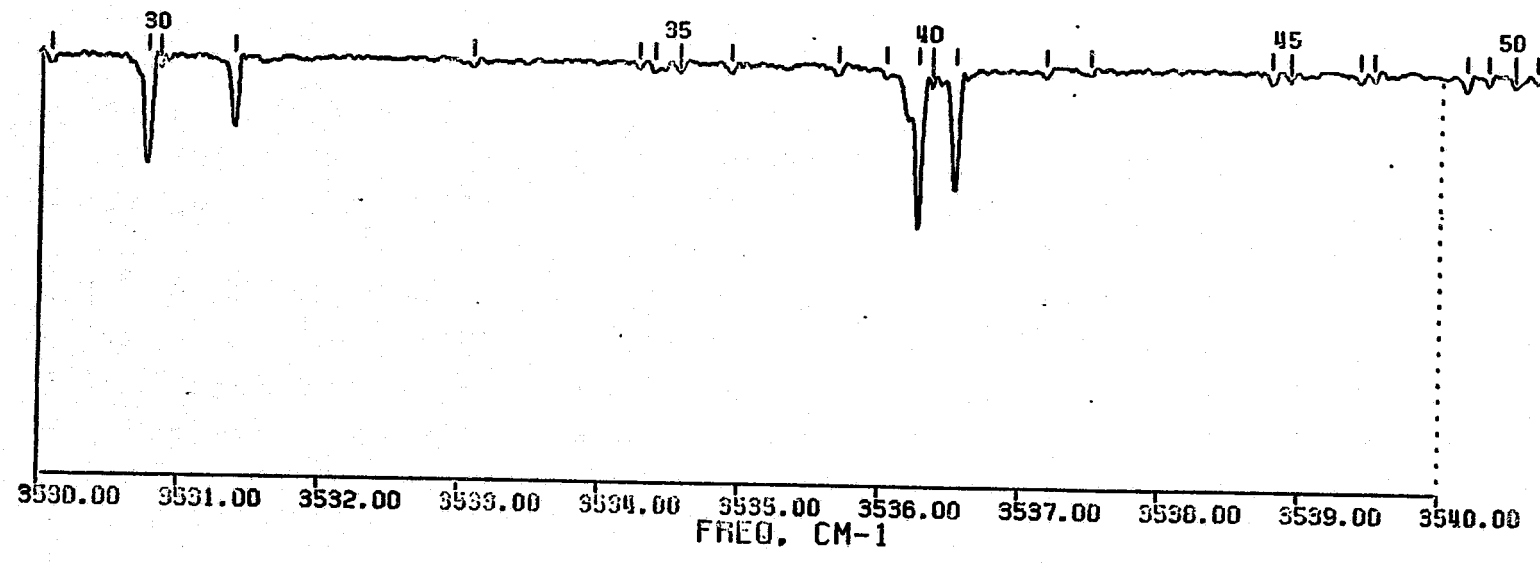
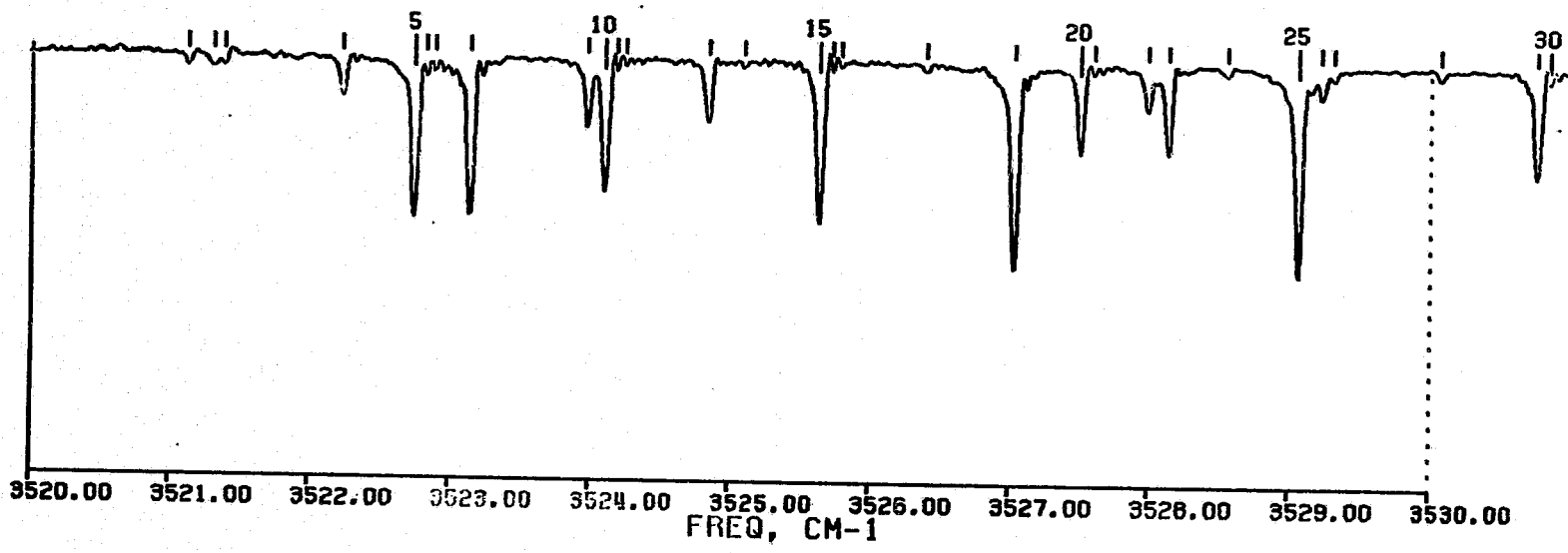
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20	8.837	9.419	9.561	10.500	10.651	11.288	11.591	11.681	12.092	13.068
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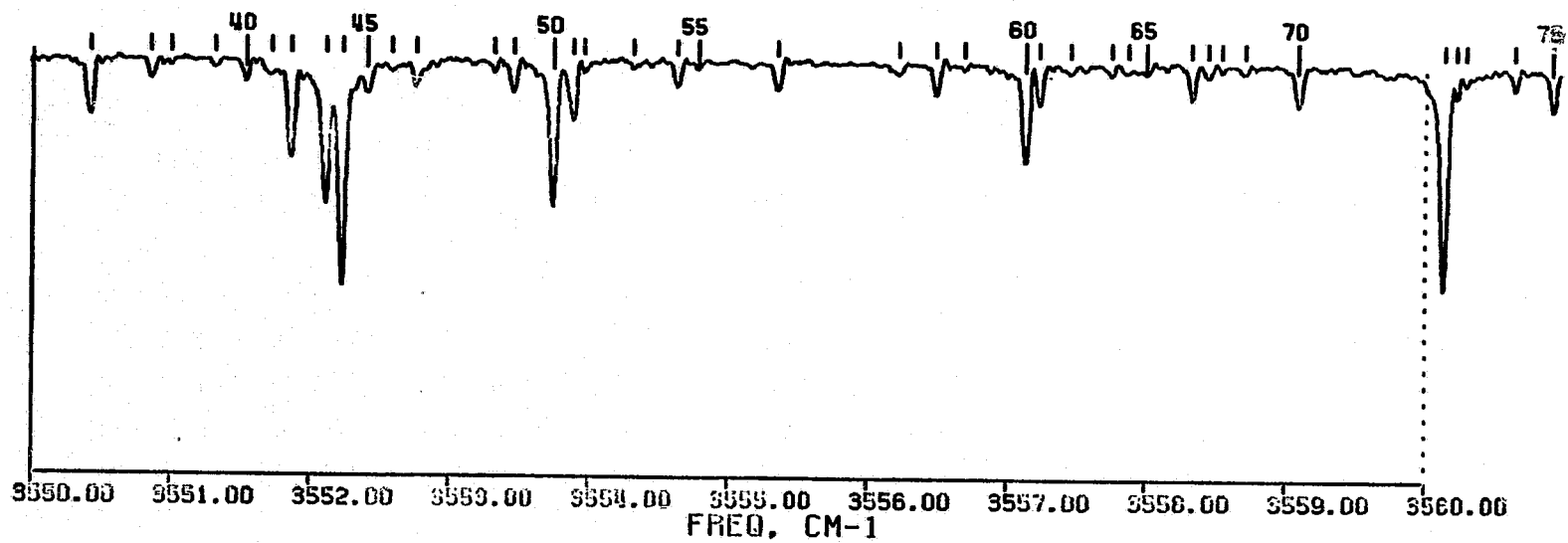
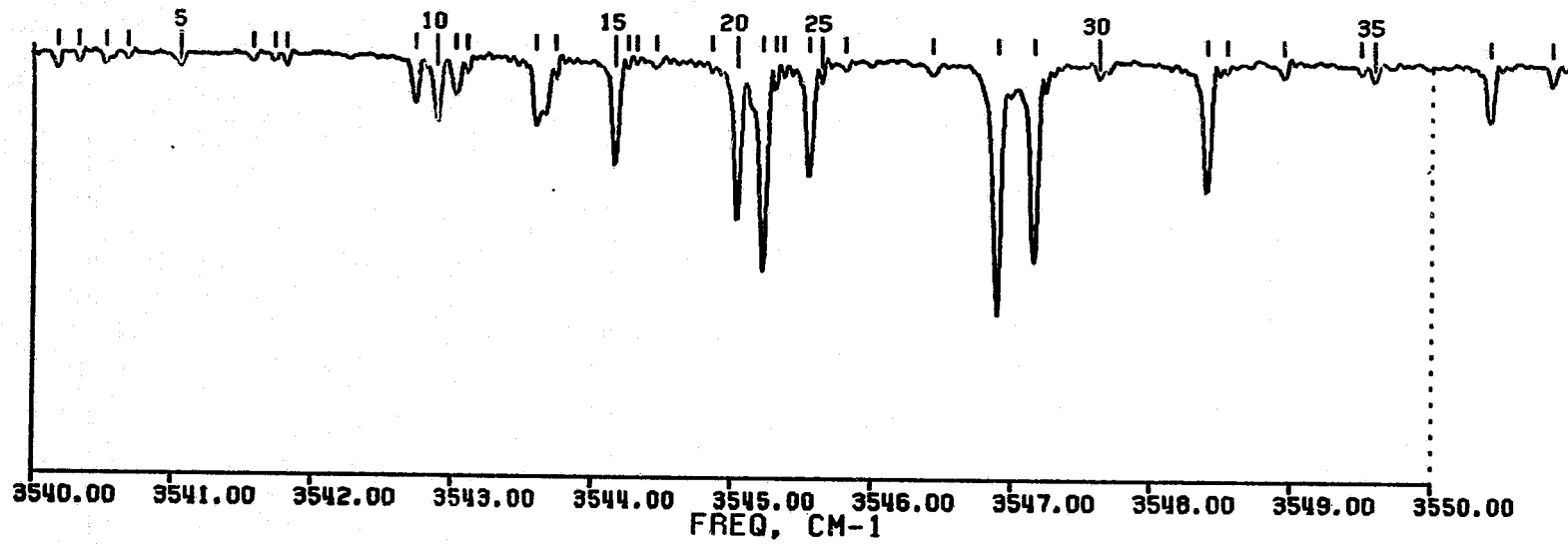
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10	24.099	24.185	24.245	24.837	25.089	25.633	25.722	25.786	26.397	27.026
20	27.494	27.588	27.974	28.122	28.544	29.057	29.218	29.304	30.068	30.757
30	30.844	31.377	33.081	34.268	34.377	34.562	34.926	35.684	36.027	36.264
40	36.356	36.528	37.168	37.487	38.784	38.912	39.412	39.512	40.175	40.329
50	40.518	40.678	40.840							



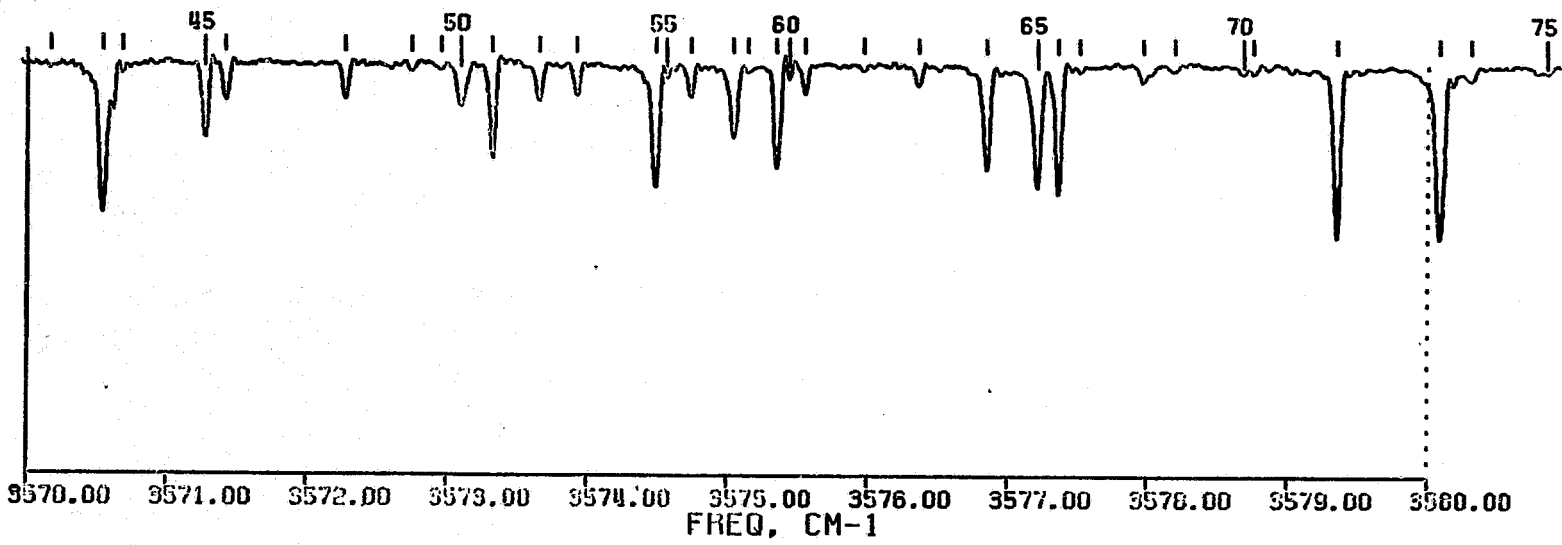
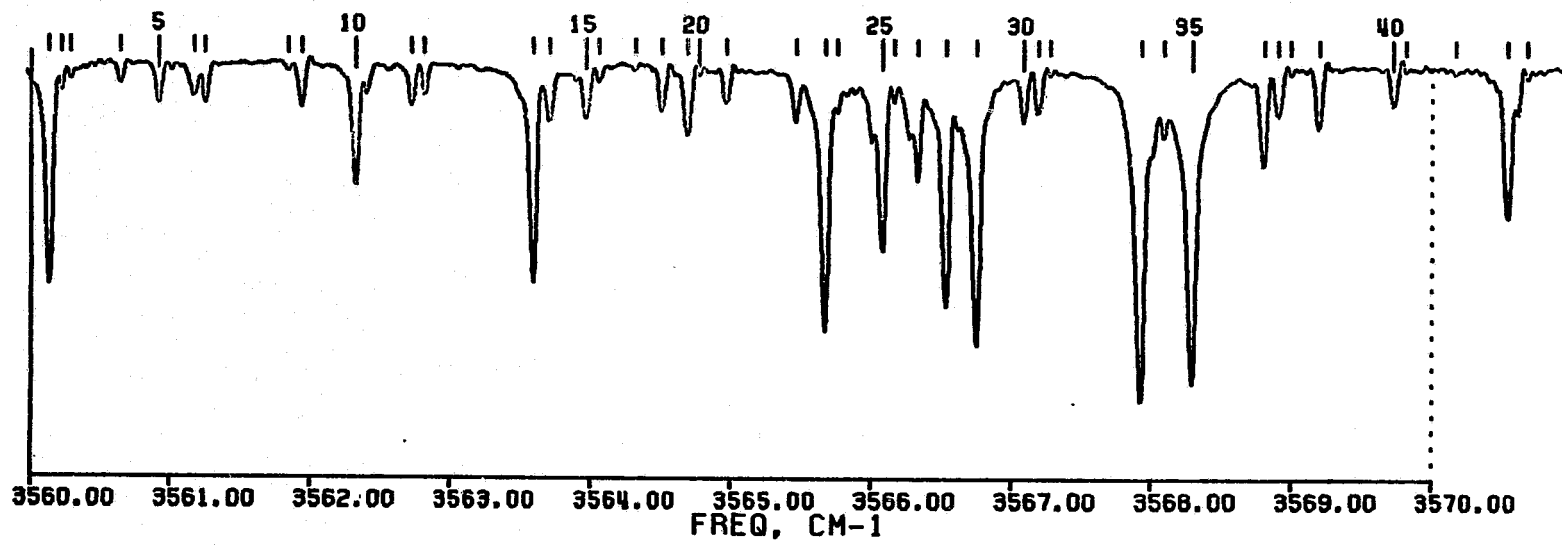
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10	42.890	43.022	43.103	43.597	43.734	44.161	44.250	44.313	44.453	44.854
20	45.035	45.220	45.306	45.366	45.548	45.635	45.809	46.428	46.895	47.157
30	47.621	48.389	48.527	48.939	49.491	49.583	50.413	50.853	50.997	51.312
40	51.535	51.717	51.858	52.109	52.228	52.406	52.582	52.752	53.315	53.452
50	53.739	53.833	53.961	54.317	54.633	54.781	55.351	56.217	56.486	56.690
60	57.128	57.227	57.451	57.745	57.861	58.000	58.322	58.440	58.538	58.703
70	59.085	60.130	60.219	60.284	60.639	60.912				



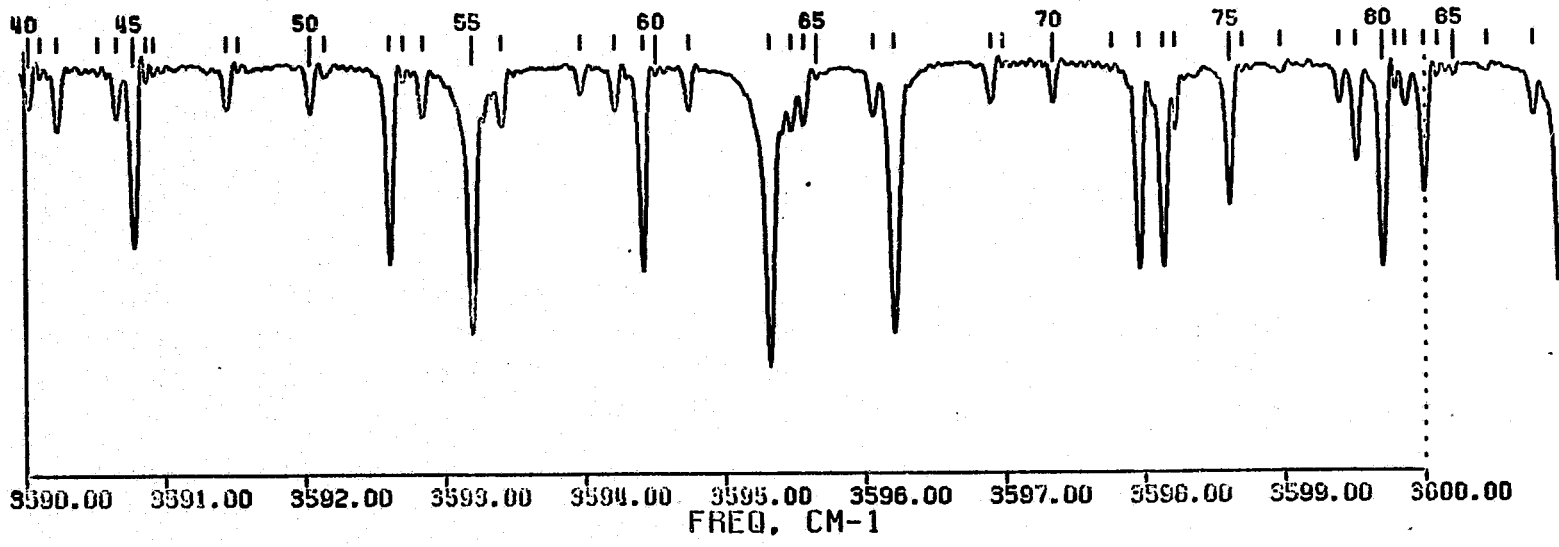
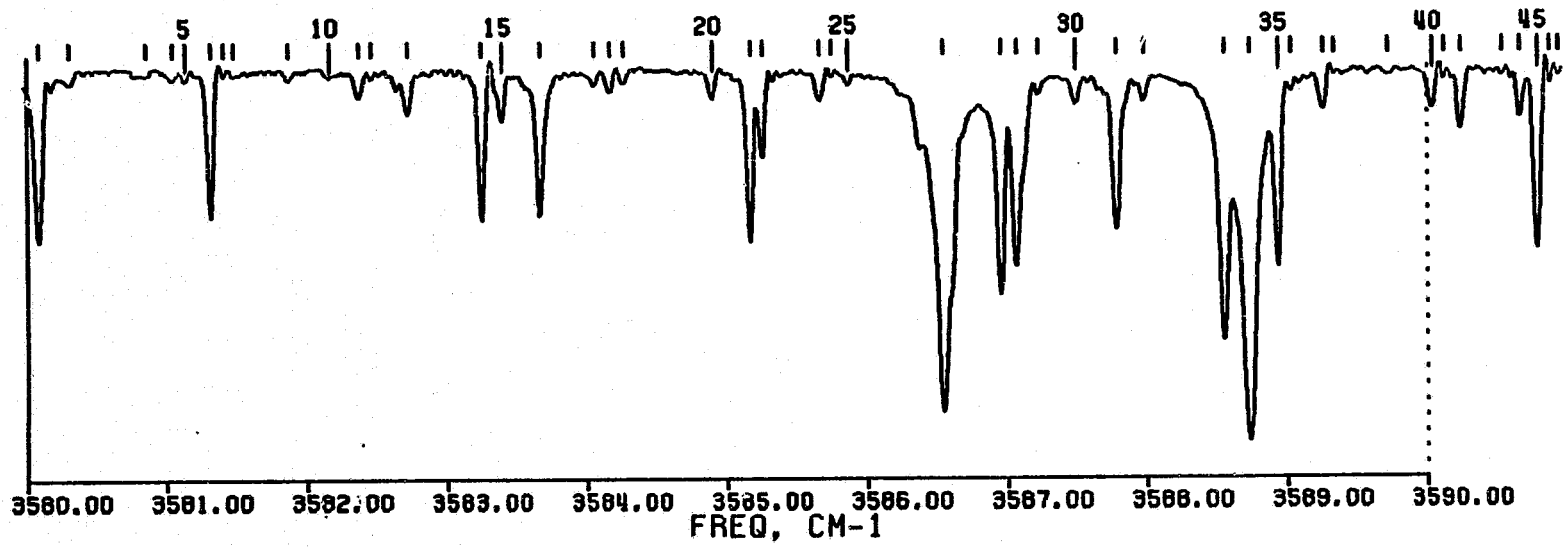
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10	62.323	62.720	62.813	63.590	63.707	63.964	64.054	64.312	64.503	64.688
20	64.773	64.964	65.462	65.871	65.760	66.081	66.160	66.333	66.534	66.752
30	67.089	67.191	67.276	67.925	68.087	68.290	68.799	68.902	68.992	69.193
40	69.723	69.812	70.168	70.541	70.680	71.272	71.419	72.271	72.746	72.954
50	73.095	73.324	73.655	73.925	74.487	74.568	74.739	75.044	75.145	75.352
60	75.440	75.555	75.973	76.365	76.850	77.211	77.363	77.517	77.967	78.190
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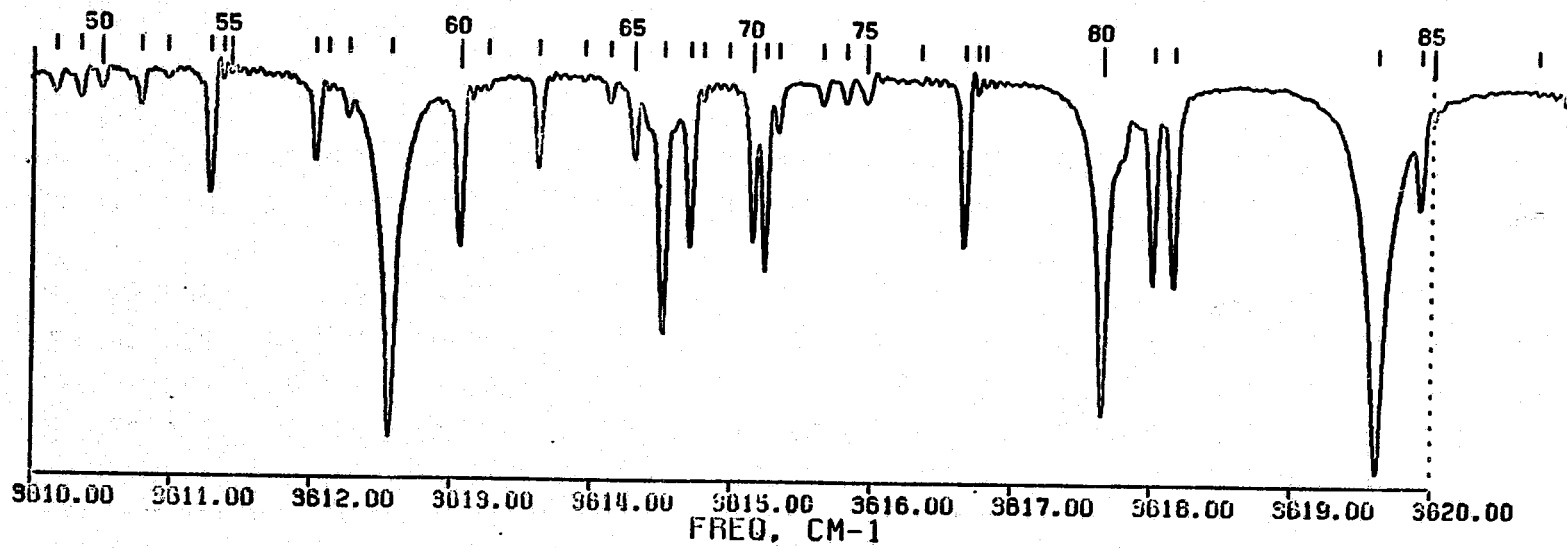
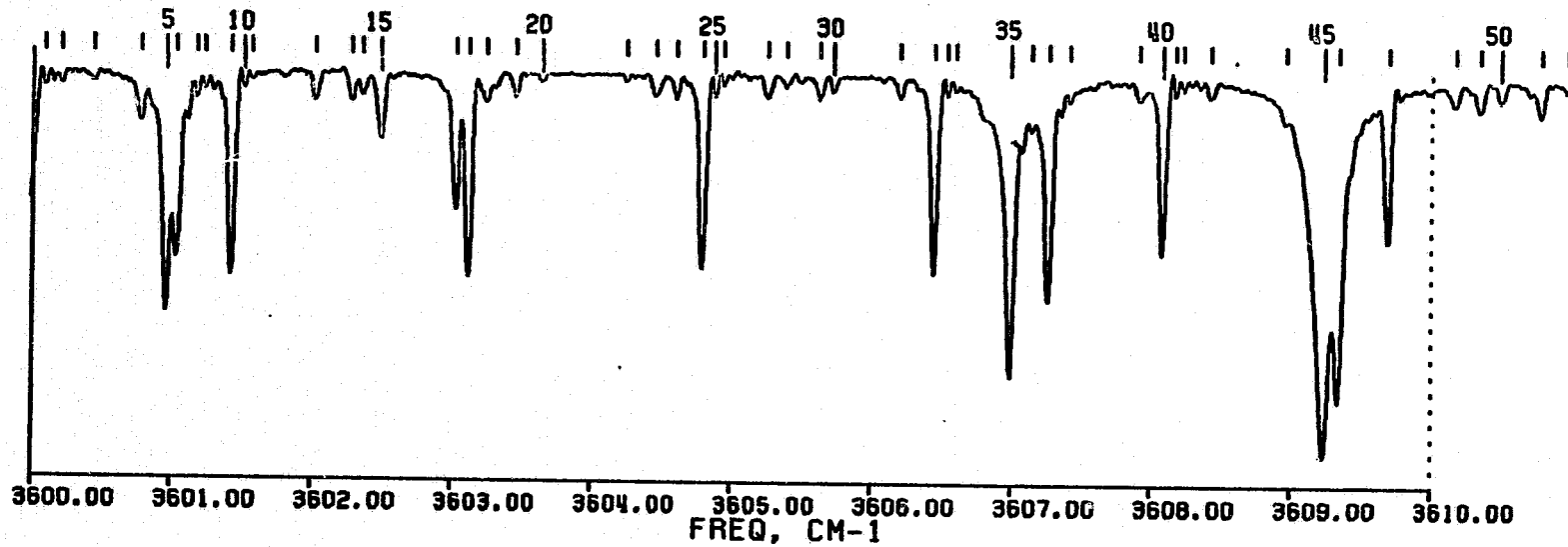
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10	82.156	82.368	82.458	82.720	83.247	83.389	83.664	84.050	84.163	84.258
20	84.894	85.167	85.253	85.660	85.744	85.862	86.543	86.954	87.064	87.220
30	87.488	87.782	87.974	88.547	88.731	88.932	89.025	89.256	89.334	89.718
40	90.034	90.115	90.235	90.530	90.658	90.781	90.869	90.928	91.447	91.531
50	92.042	92.146	92.610	92.705	92.844	93.196	93.405	93.972	94.217	94.417
60	94.510	94.746	95.324	95.477	95.566	95.660	96.062	96.212	96.904	96.986
70	97.346	97.763	97.963	98.133	98.217	98.606	98.700	98.973	99.392	99.512
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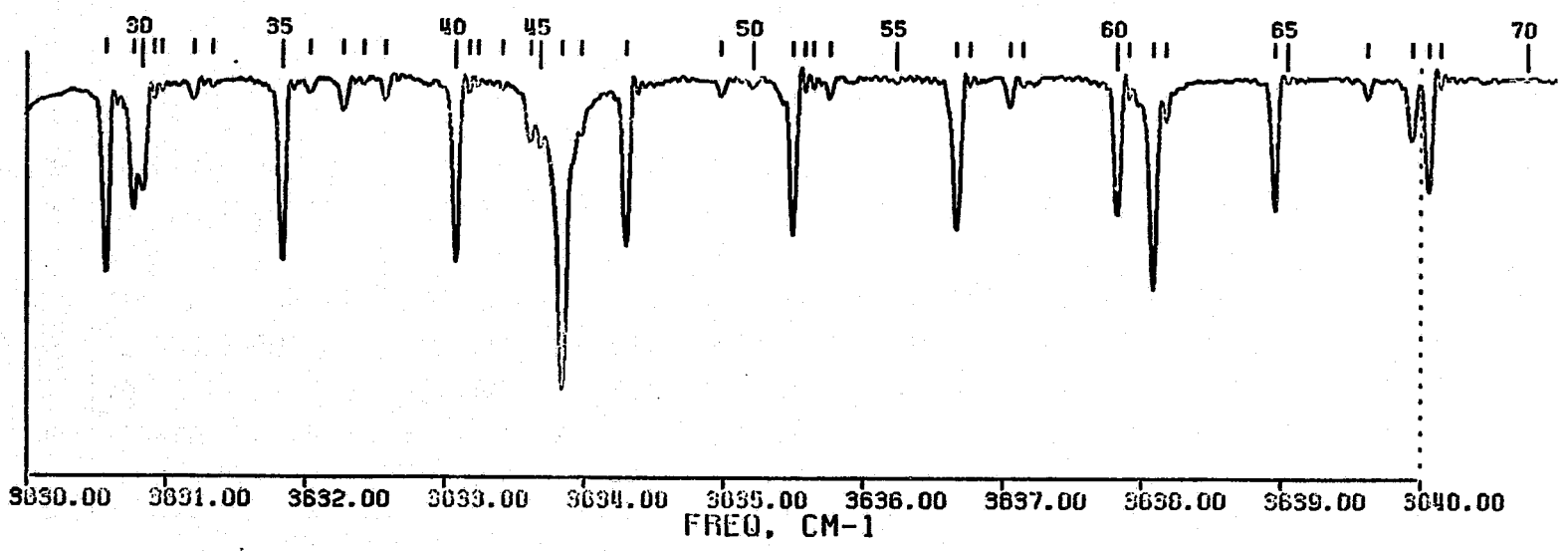
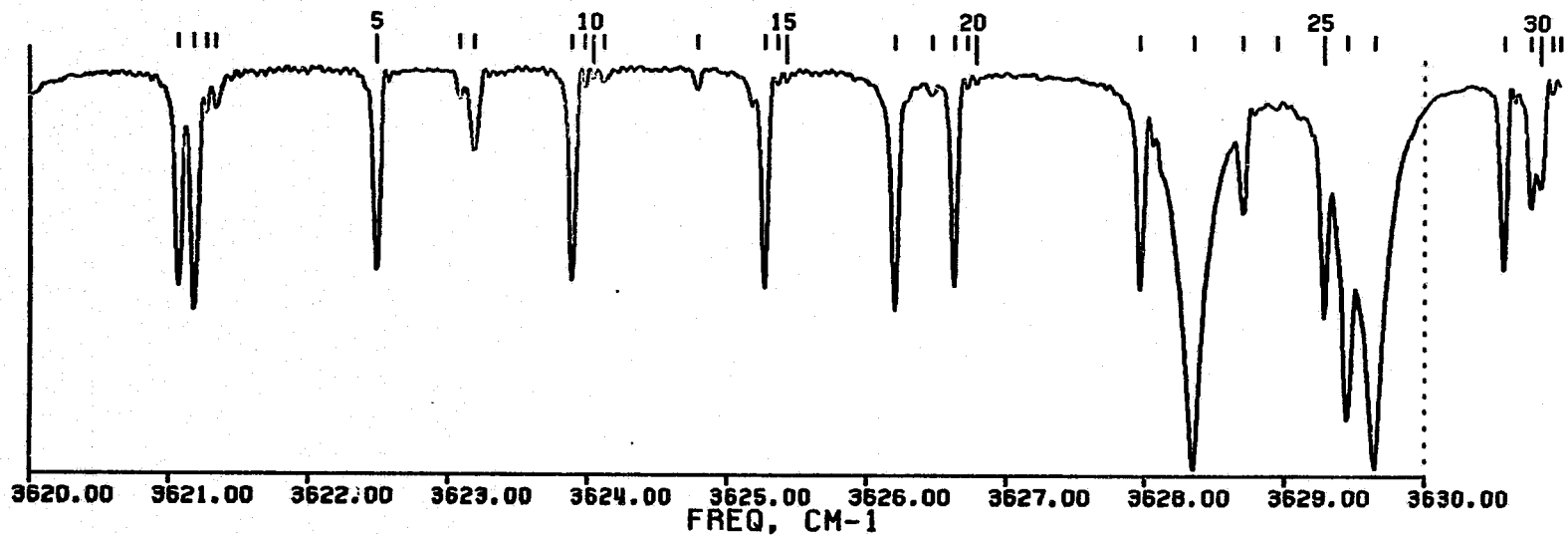


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20	3.840	4.243	4.455	4.602	4.790	4.878	4.939	5.251	5.388	5.627
30	5.721	6.200	6.444	6.536	6.599	6.991	7.138	7.260	7.409	7.909
40	8.074	8.165	8.223	8.419	8.955	9.232	9.333	9.688	10.164	10.342
50	10.492	10.775	10.964	11.272	11.359	11.418	12.021	12.111	12.255	12.560
60	13.057	13.251	13.615	13.942	14.126	14.303	14.511	14.700	14.791	14.970
70	15.150	15.238	15.320	15.648	15.813	15.962	16.346	16.660	16.752	16.810
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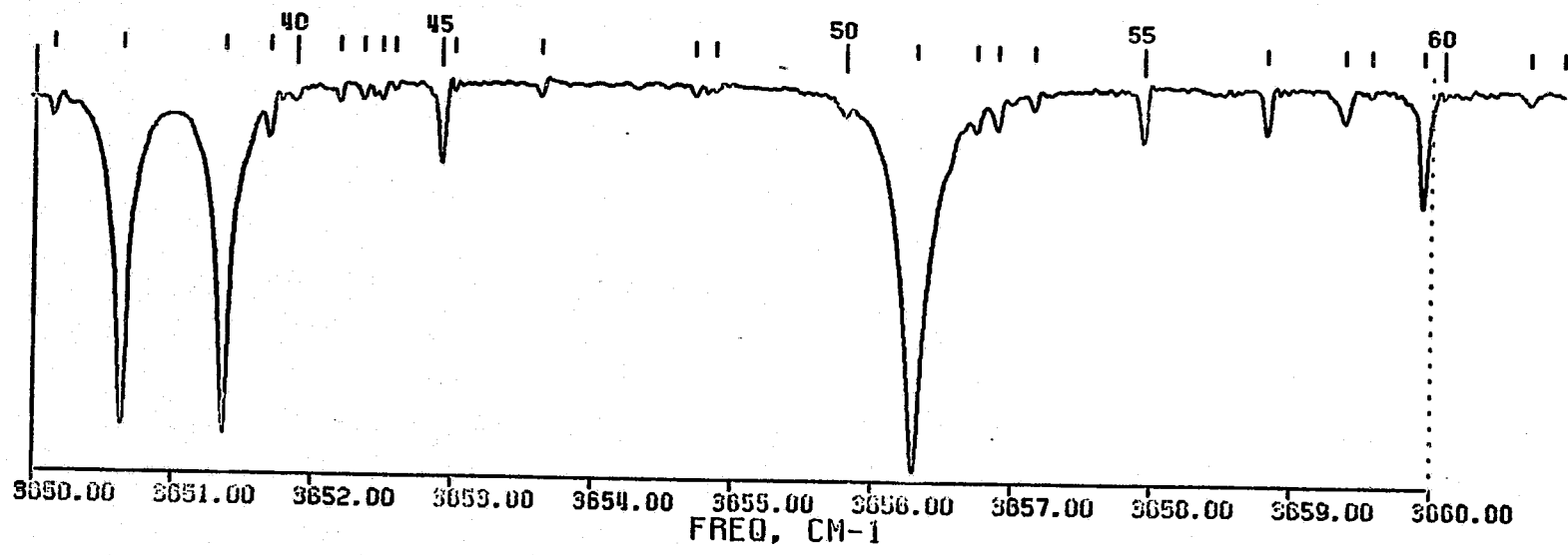
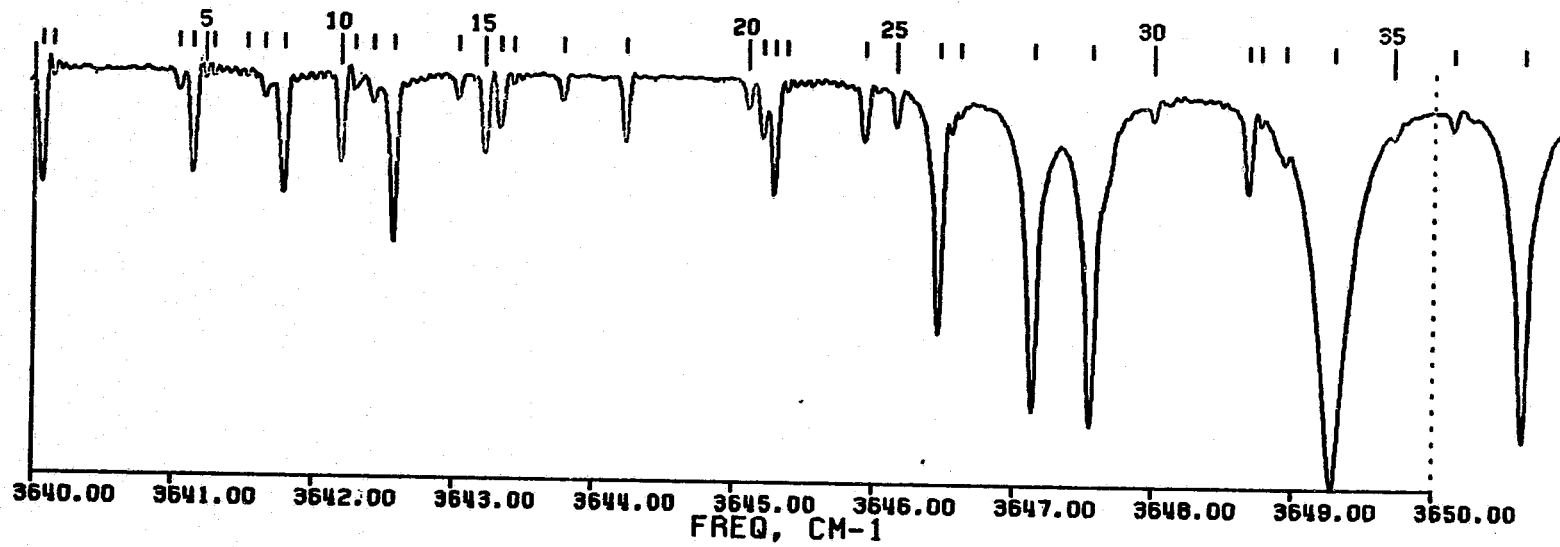


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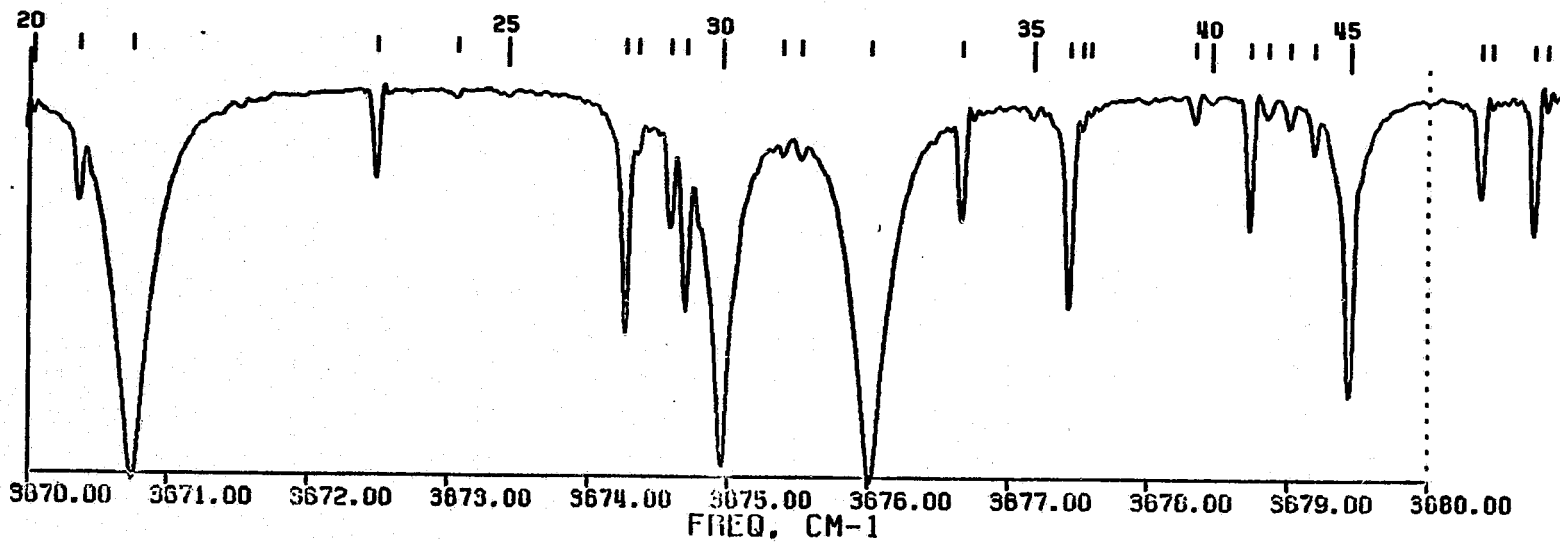
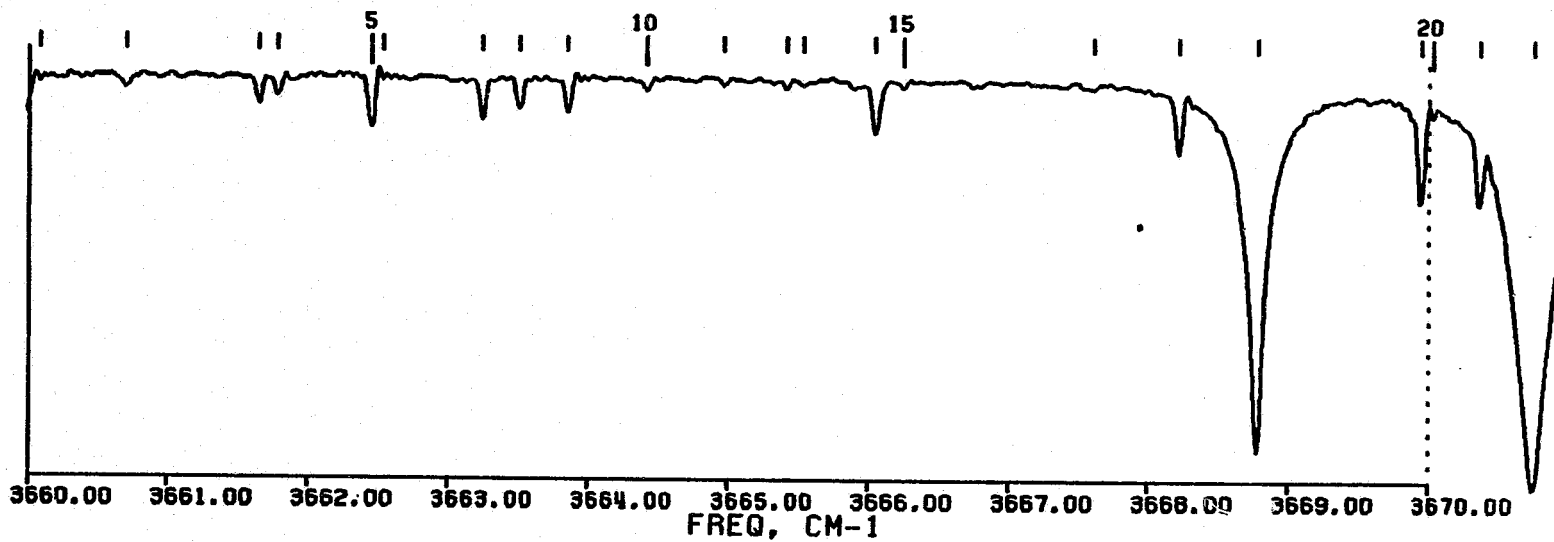
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10	42.187	42.283	42.419	42.567	43.024	43.219	43.326	43.418	43.774	44.225
20	45.102	45.205	45.286	45.375	45.930	46.158	46.462	46.609	47.138	47.551
30	47.992	48.667	48.755	48.928	49.280	49.708	50.135	50.636	51.364	51.680
40	51.869	52.181	52.351	52.482	52.574	52.911	53.001	53.620	54.723	54.867
50	55.799	56.302	56.730	56.881	57.142	57.931	58.816	59.379	59.565	59.935
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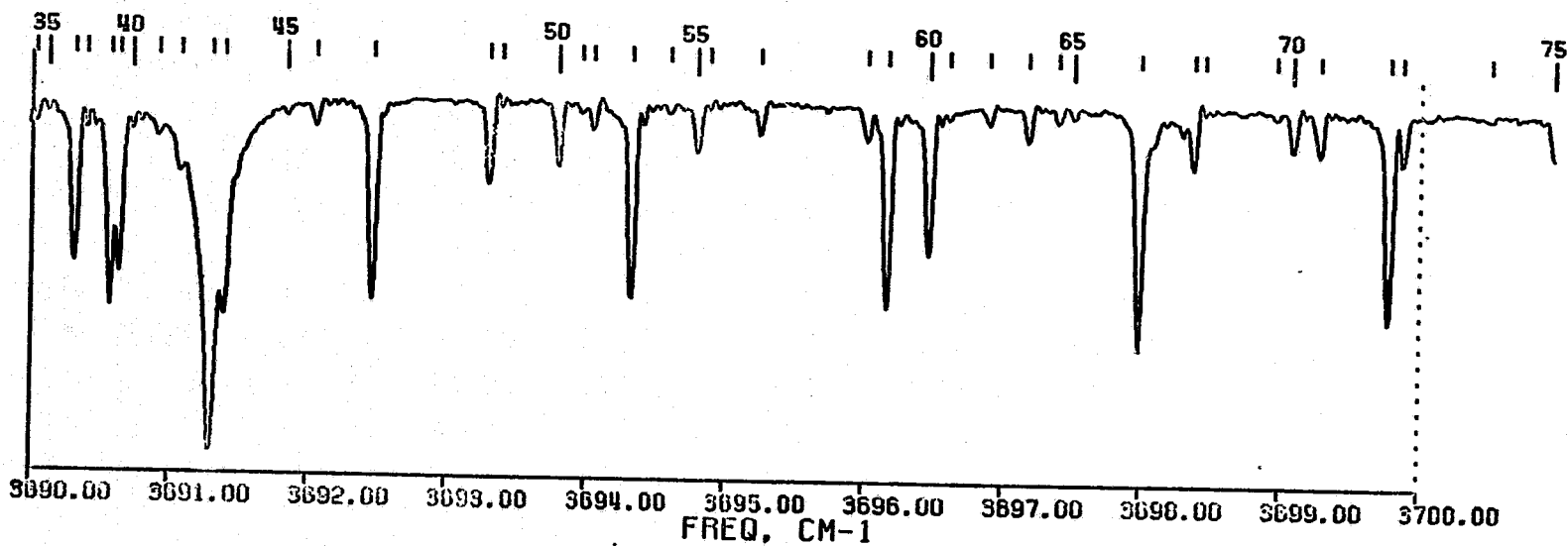
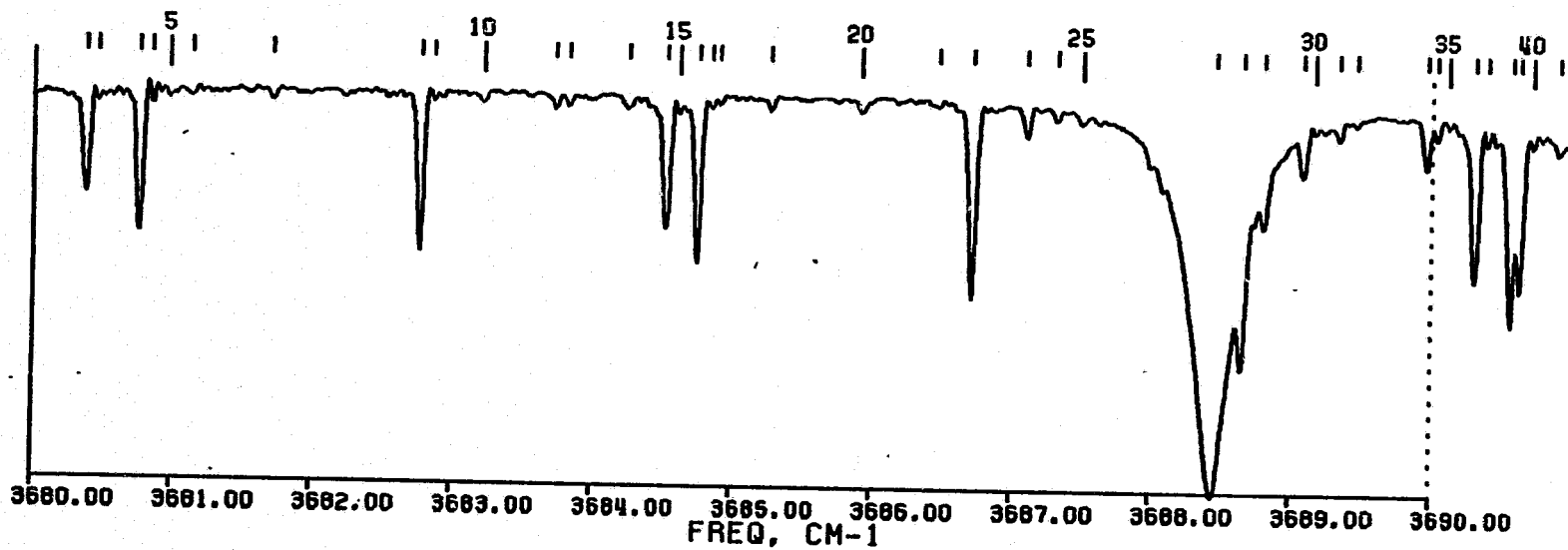
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10	64.416	64.969	65.412	65.533	66.046	66.249	67.606	68.213	68.776	69.942
20	70.028	70.360	70.747	72.488	73.060	73.427	74.269	74.354	74.590	74.697
30	74.958	75.389	75.522	76.016	76.667	77.176	77.437	77.526	77.585	78.332
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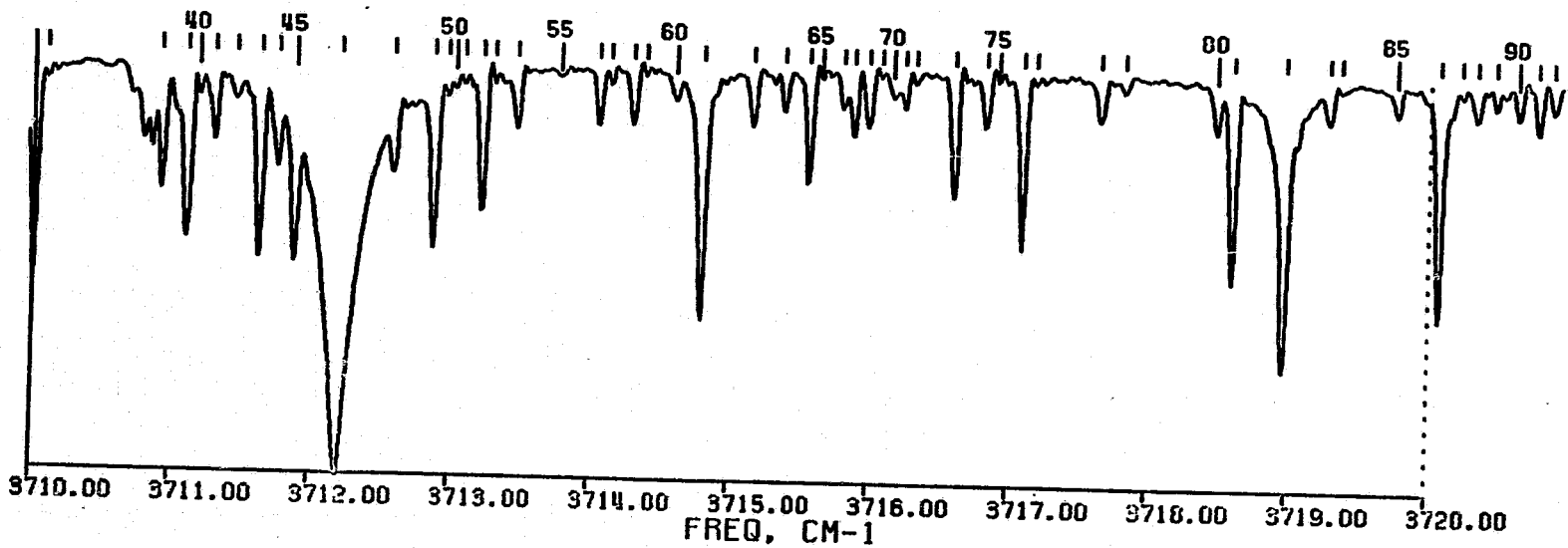
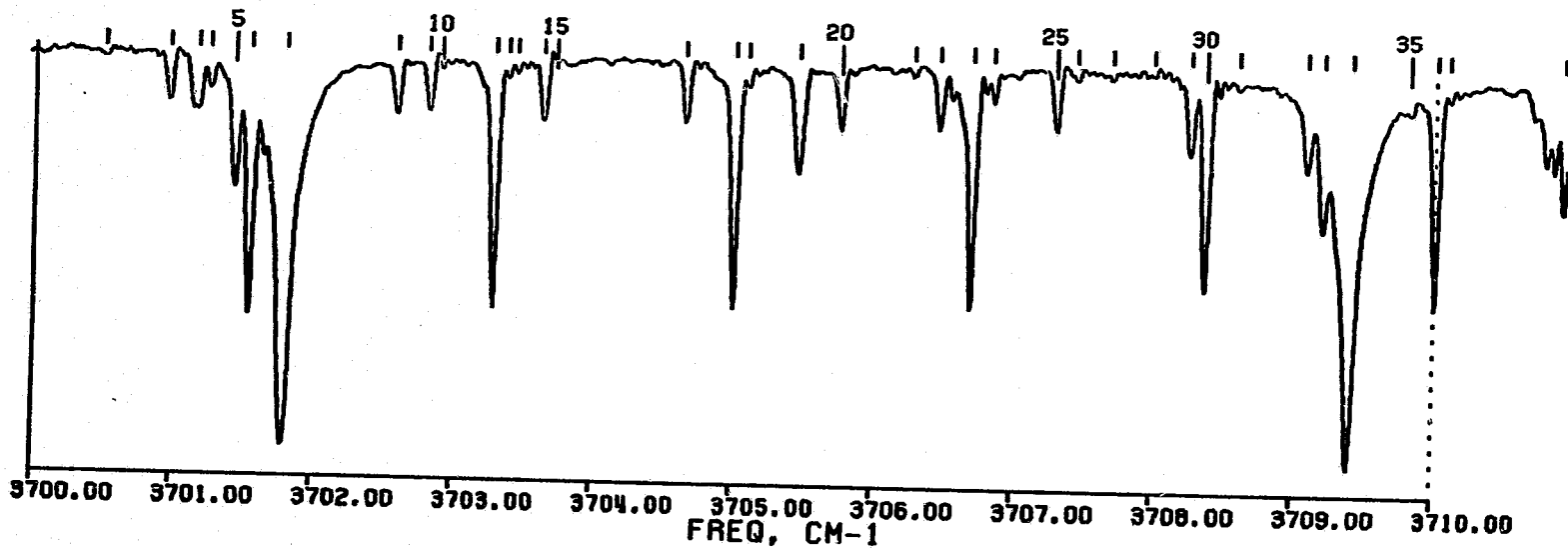
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20	85.922	86.469	86.716	87.103	87.316	87.498	88.449	88.646	88.797	89.077
30	89.160	89.333	89.457	89.962	90.033	90.120	90.310	90.395	90.571	90.632
40	90.723	90.910	91.073	91.297	91.390	91.839	92.046	92.460	93.293	93.381
50	93.792	93.961	94.040	94.323	94.593	94.792	94.880	95.245	96.018	96.166
60	96.464	96.603	96.893	97.172	97.390	97.501	97.981	98.366	98.444	98.955
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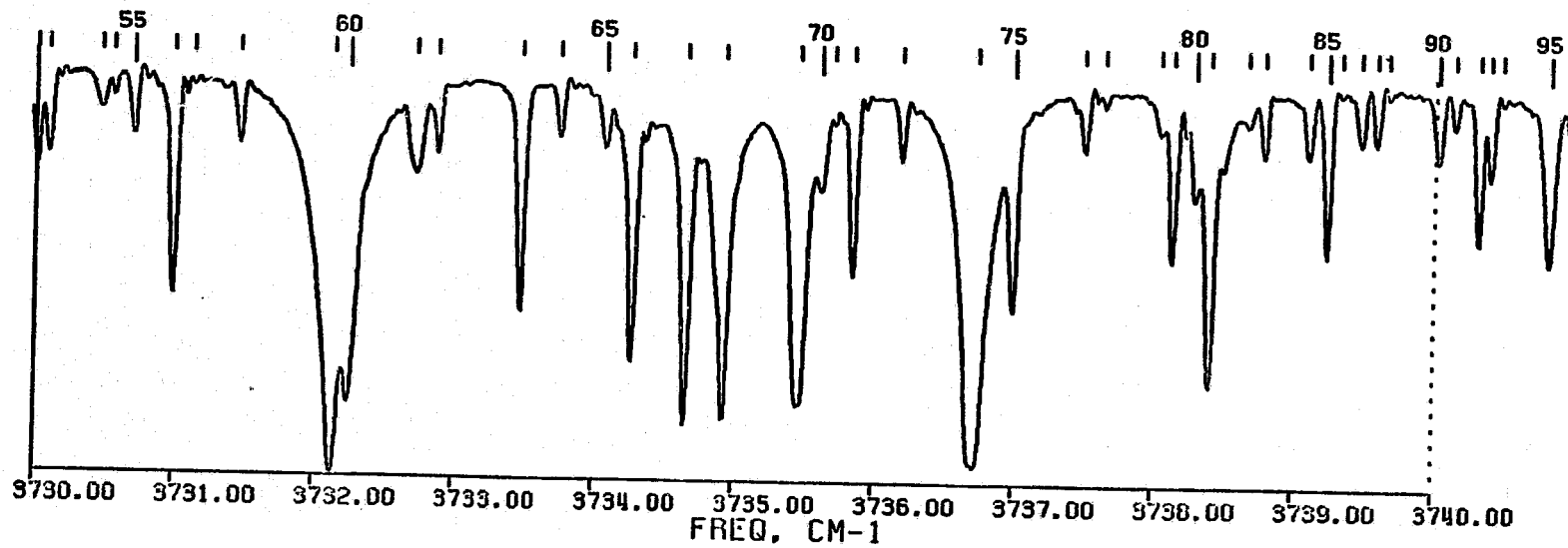
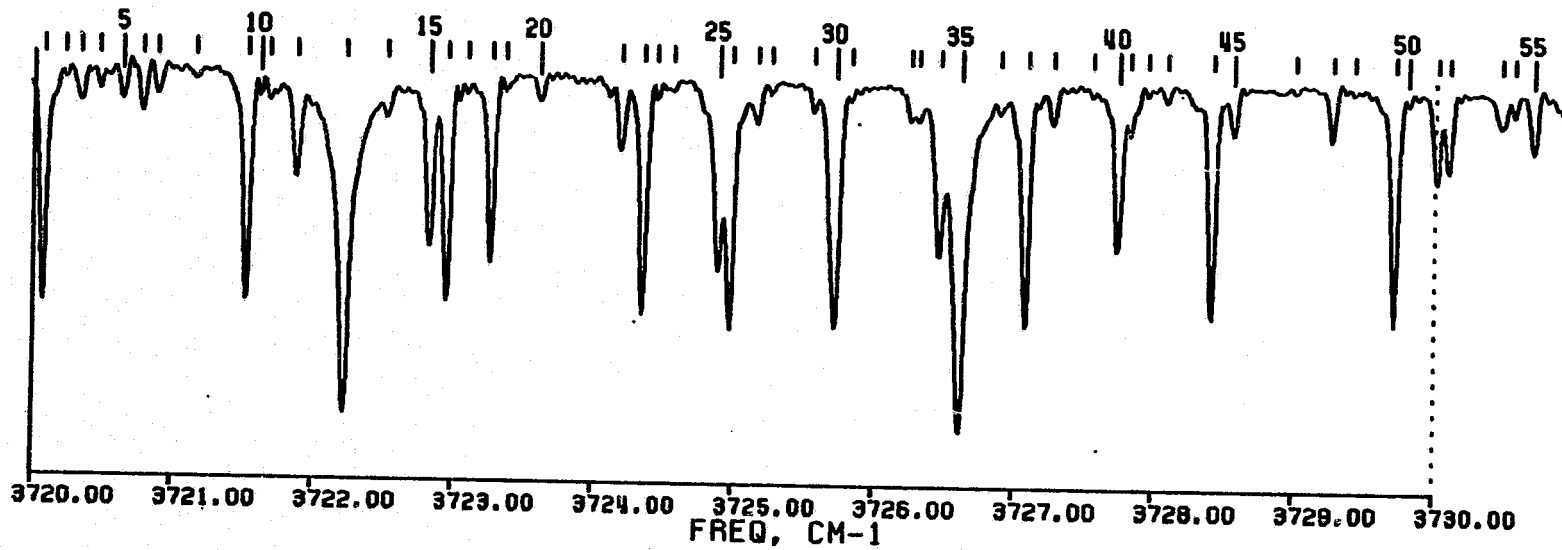
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20	5.755	6.272	6.456	6.694	6.843	7.292	7.441	7.686	7.983	8.246
30	8.361	8.594	9.082	9.201	9.402	9.819	10.005	10.097	10.916	11.102
40	11.187	11.299	11.452	11.624	11.752	11.877	12.203	12.577	12.869	12.962
50	13.018	13.082	13.214	13.300	13.464	13.778	14.050	14.137	14.295	14.382
60	14.599	14.795	15.154	15.377	15.555	15.647	15.797	15.878	15.979	16.069
70	16.159	16.240	16.315	16.599	16.819	16.910	17.087	17.179	17.640	17.812
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90	20.631	20.771	20.881							



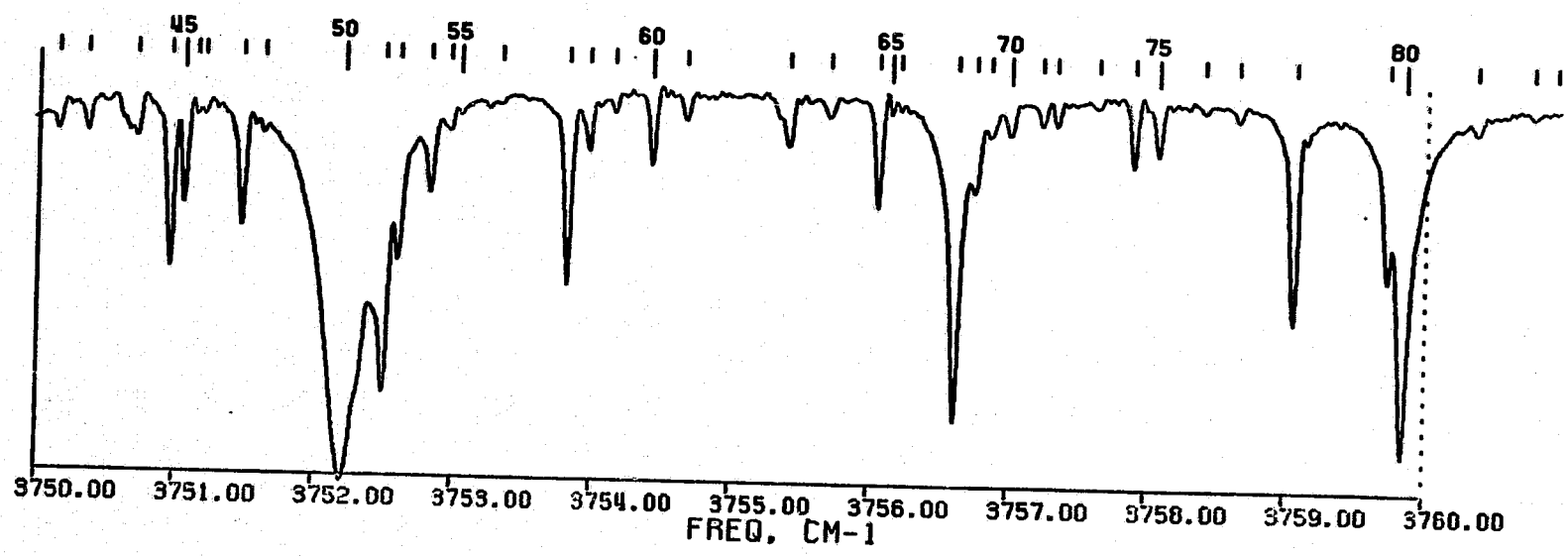
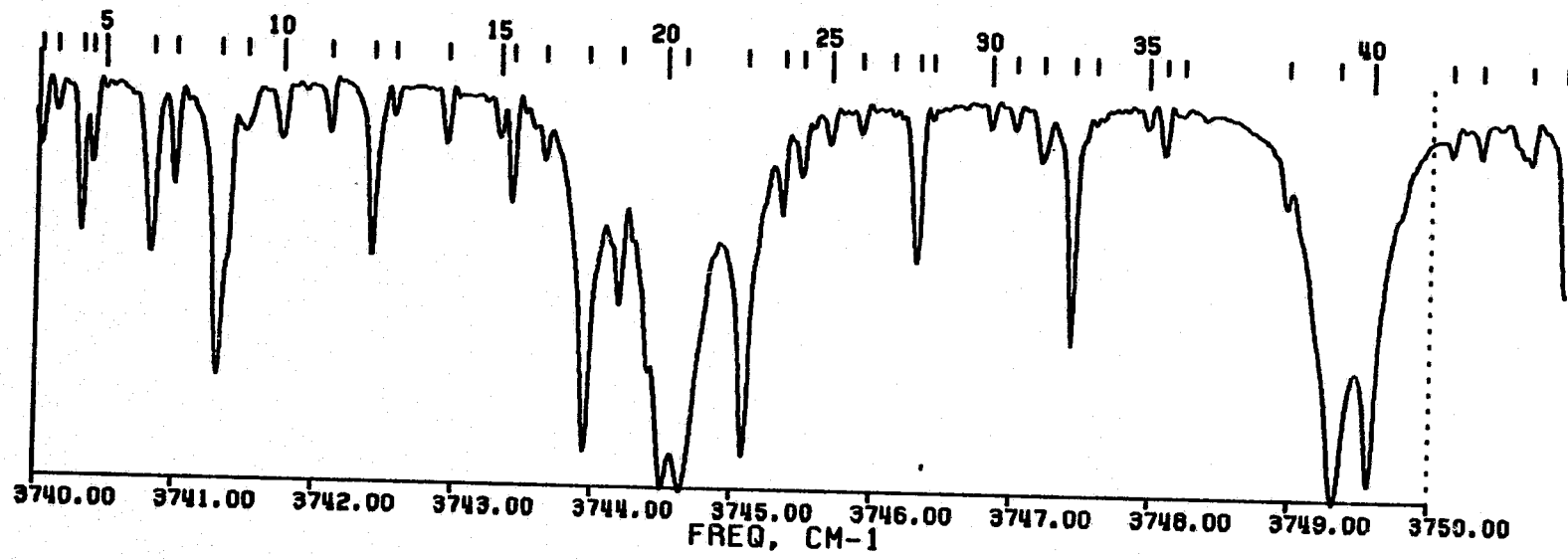
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10	21.610	21.676	21.874	22.220	22.514	22.826	22.952	23.087	23.264	23.363
20	23.610	24.189	24.352	24.444	24.557	24.892	24.977	25.160	25.257	25.560
30	25.725	25.825	26.256	26.310	26.454	26.616	26.890	27.084	27.271	27.547
40	27.736	27.817	27.941	28.079	28.412	28.560	28.998	29.261	29.416	29.713
50	29.805	30.011	30.094	30.471	30.559	30.702	30.988	31.132	31.459	32.132
60	32.245	32.722	32.875	33.475	33.748	34.075	34.269	34.655	34.930	35.460
70	35.617	35.710	35.848	36.191	36.727	36.995	37.495	37.642	38.041	38.128
80	38.290	38.399	38.664	38.780	39.094	39.233	39.327	39.470	39.576	39.666
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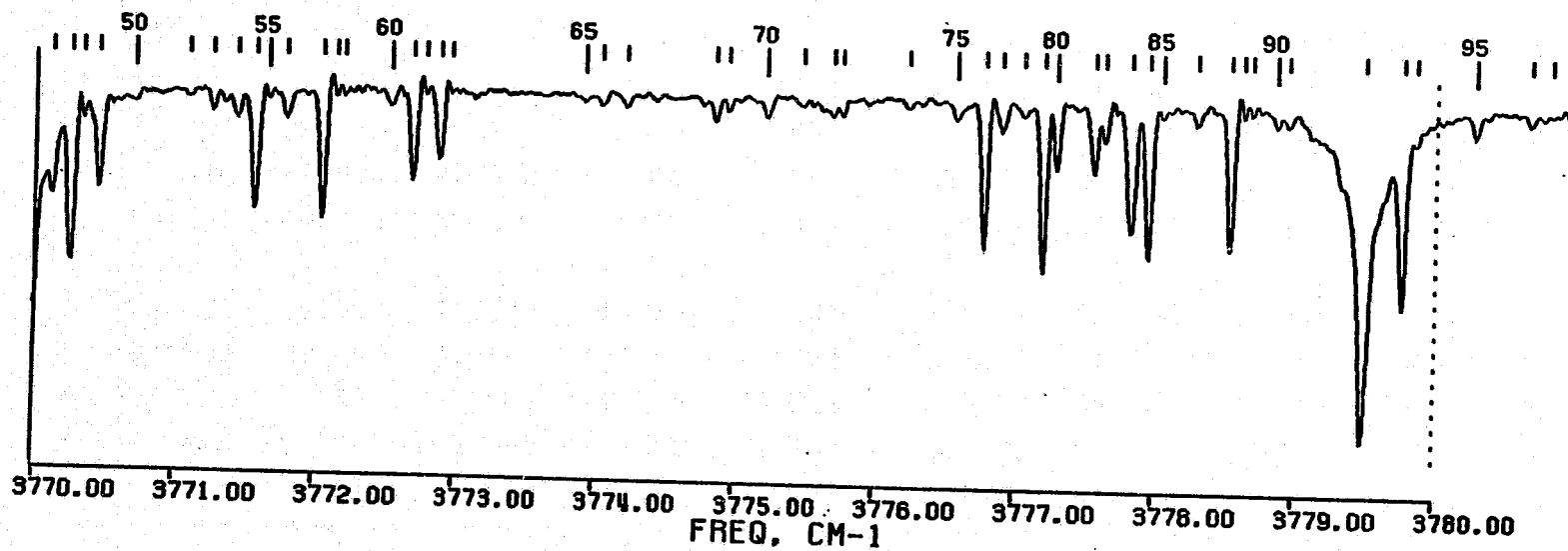
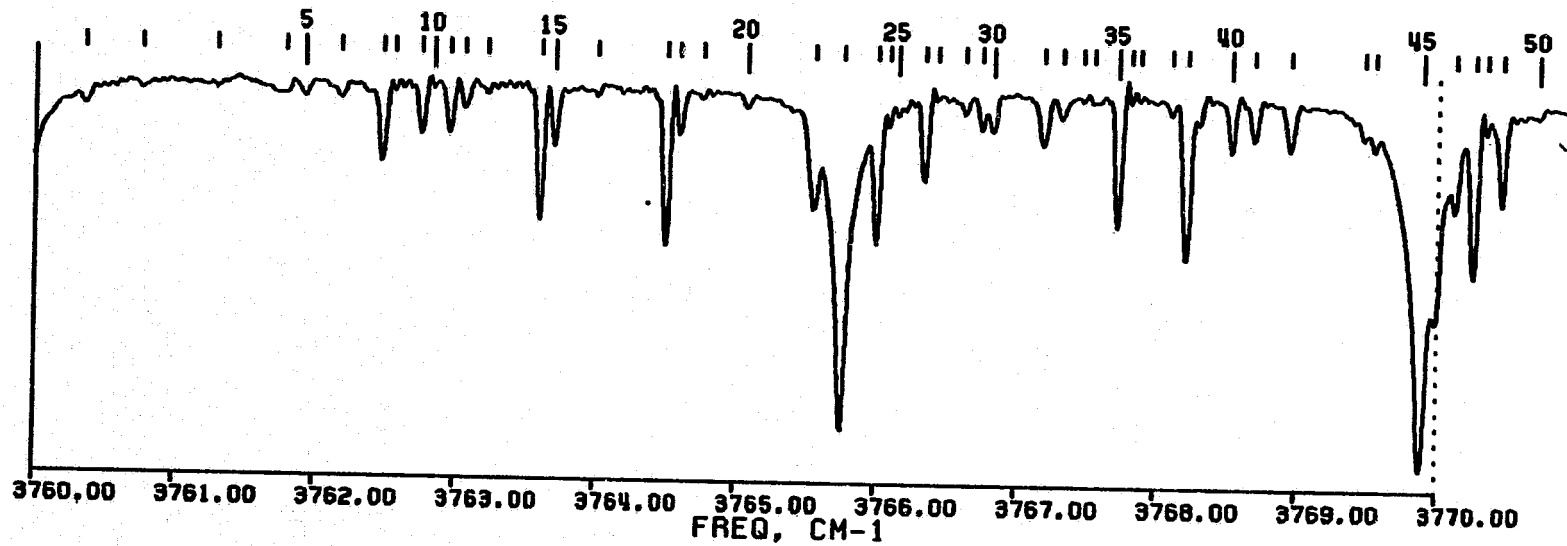
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10	41.752	42.095	42.403	42.555	42.933	43.315	43.403	43.639	43.944	44.183
20	44.511	44.643	45.084	45.348	45.484	45.684	45.906	46.137	46.315	46.413
30	46.833	47.010	47.205	47.430	47.584	47.959	48.086	48.211	48.964	49.325
40	49.571	50.142	50.353	50.711	50.956	51.052	51.145	51.198	51.470	51.624
50	52.208	52.496	52.597	52.826	52.965	53.042	53.332	53.819	53.967	54.149
60	54.422	54.664	55.406	55.700	56.051	56.145	56.205	56.617	56.749	56.856
70	57.001	57.229	57.333	57.630	57.889	58.067	58.399	58.643	59.051	59.725
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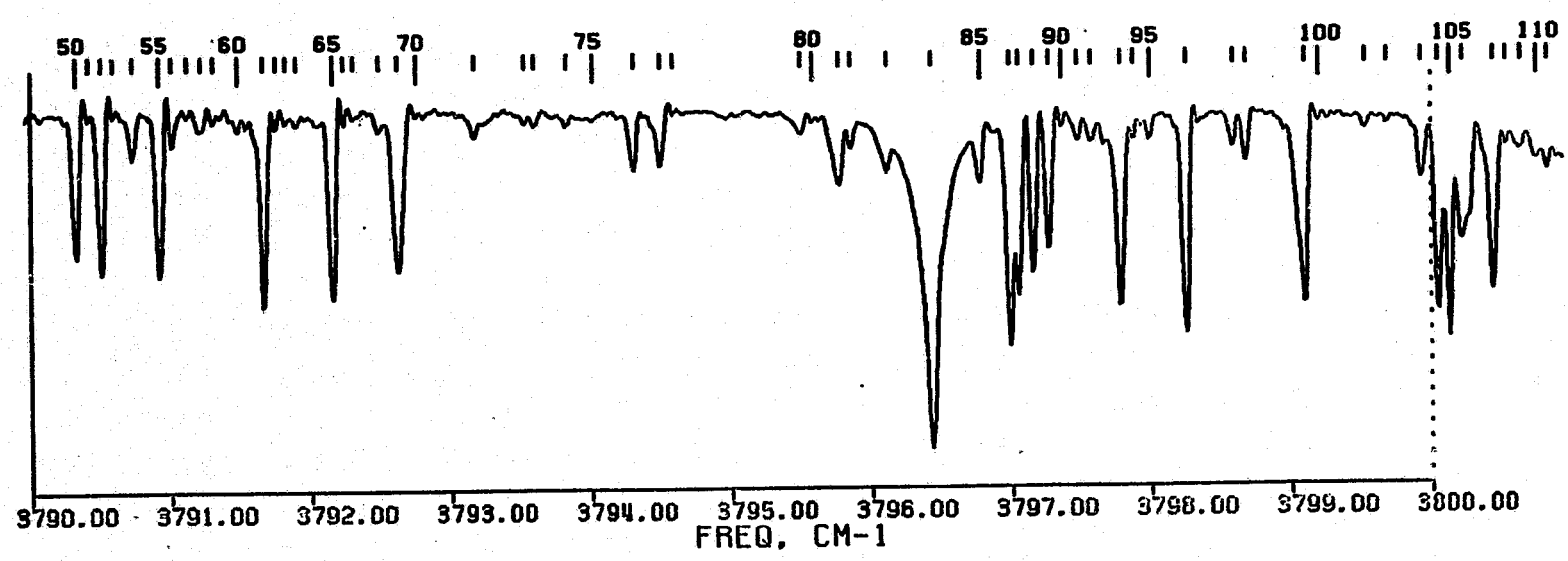
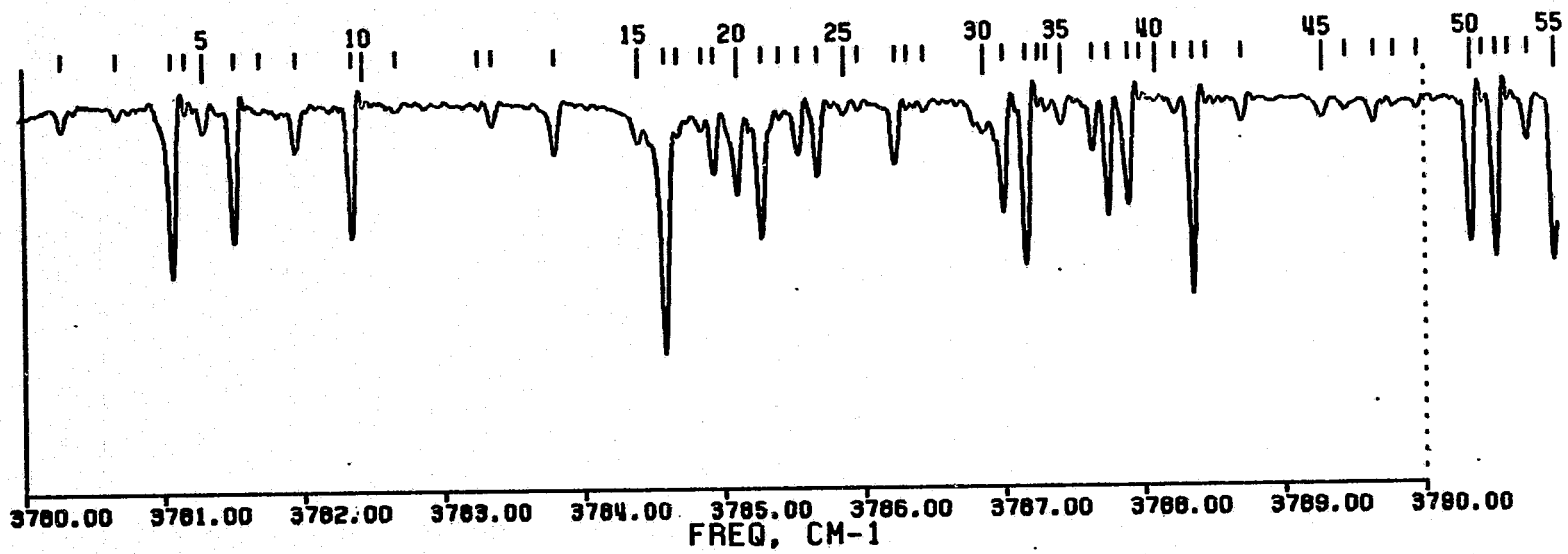


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20	65.072	65.553	65.757	66.000	66.085	66.148	66.341	66.426	66.627	66.747
30	66.826	67.188	67.318	67.468	67.541	67.720	67.808	67.868	68.098	68.208
40	68.525	68.686	68.943	69.468	69.547	69.887	70.119	70.257	70.340	70.455
50	70.712	71.097	71.266	71.438	71.568	71.663	71.789	72.049	72.145	72.204
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70	75.221	75.478	75.691	75.756	76.232	76.575	76.777	76.901	77.054	77.199
80	77.290	77.560	77.631	77.825	77.951	78.045	78.290	78.531	78.623	78.681
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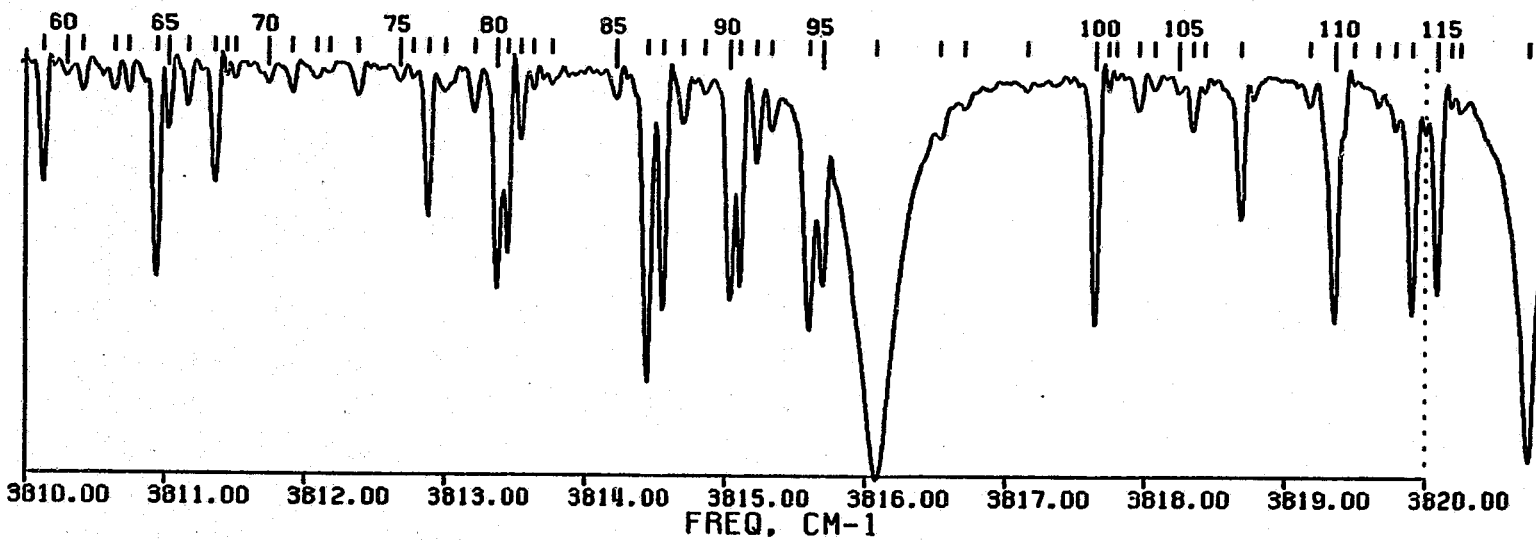
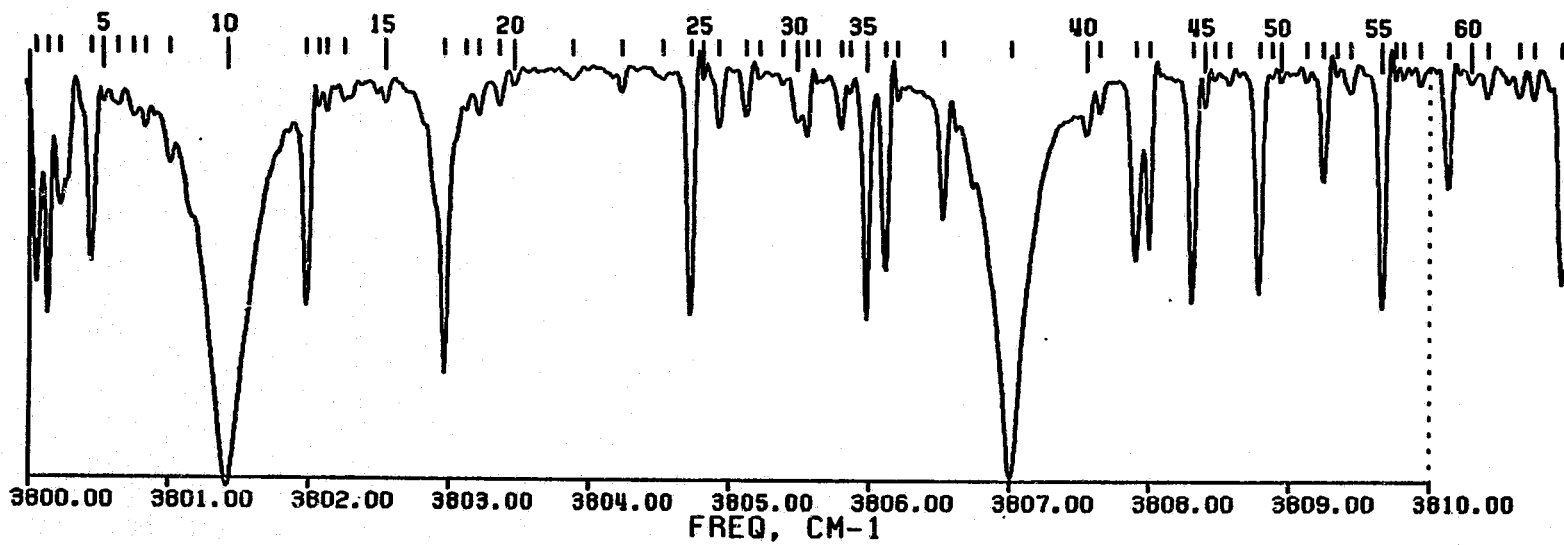


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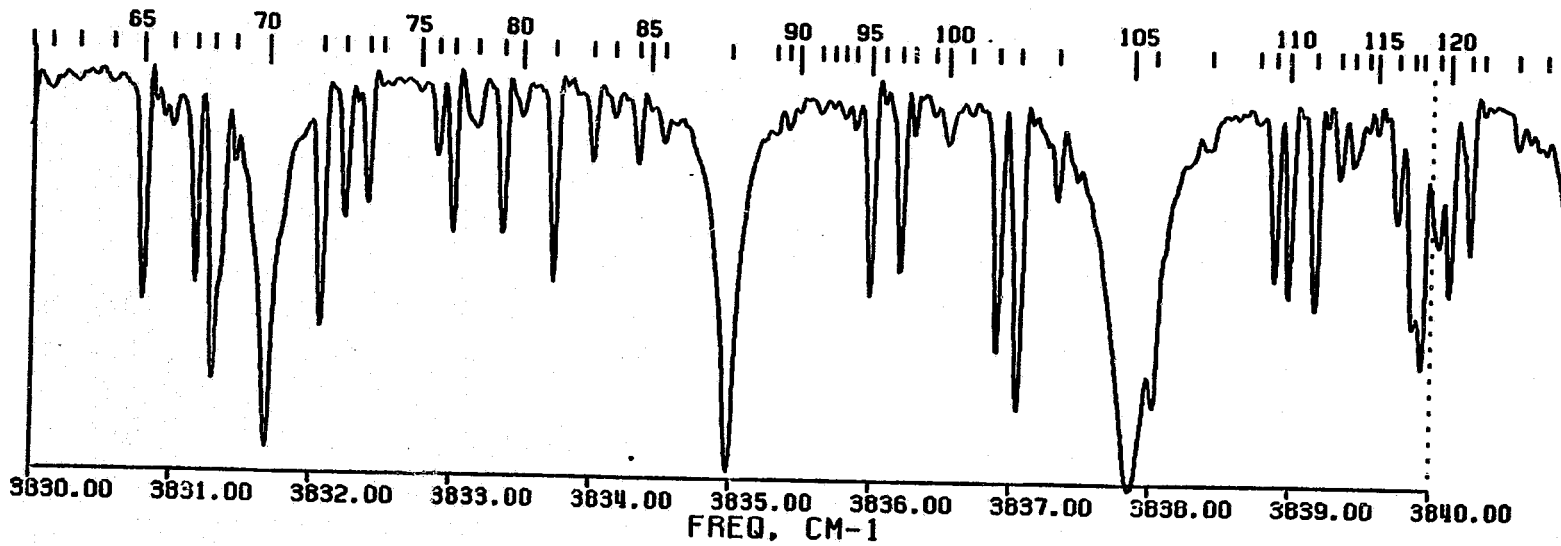
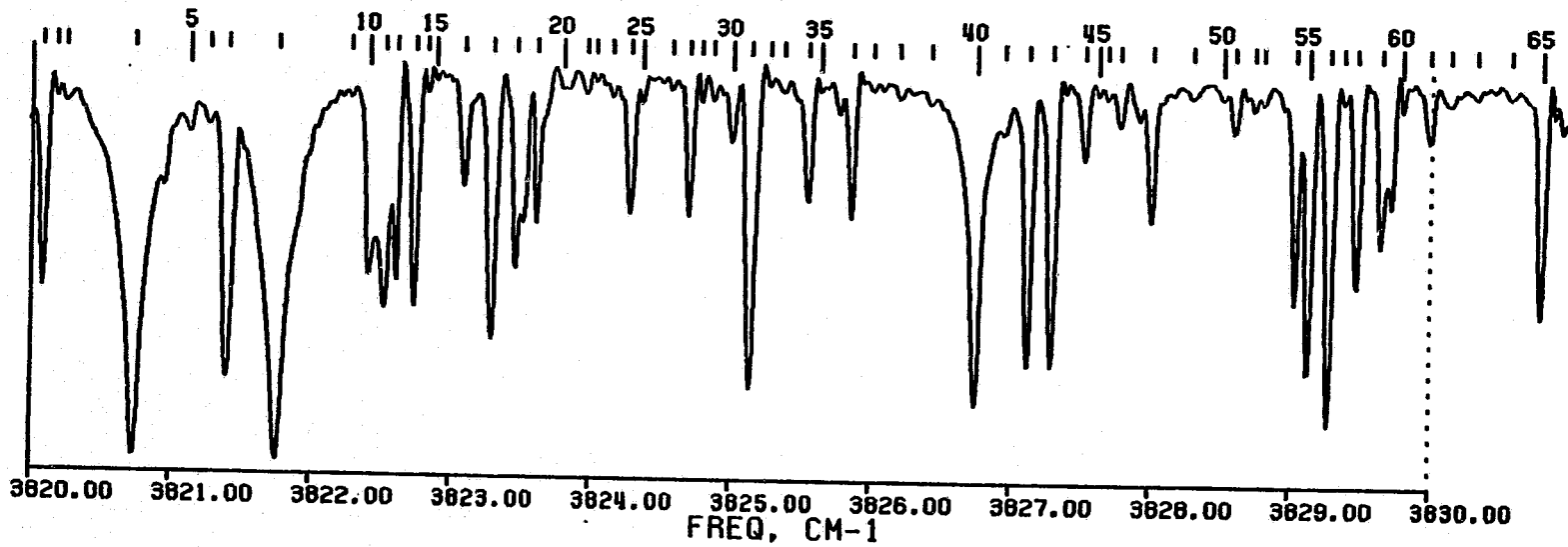
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20	3.460	3.881	4.231	4.528	4.725	4.812	4.927	5.119	5.216	5.381
30	5.486	5.552	5.630	5.796	5.859	5.979	6.115	6.201	6.524	7.008
40	7.548	7.640	7.899	7.995	8.302	8.392	8.458	8.565	8.779	8.870
50	8.935	9.116	9.239	9.332	9.435	9.659	9.753	9.809	9.932	10.131
60	10.294	10.411	10.637	10.739	10.940	11.022	11.163	11.358	11.440	11.499
70	11.738	11.910	12.083	12.172	12.377	12.677	12.769	12.877	12.996	13.206
80	13.369	13.447	13.538	13.630	13.761	14.225	14.446	14.559	14.703	14.856
90	15.039	15.109	15.227	15.331	15.602	15.700	16.082	16.536	16.712	17.154
100	17.644	17.737	17.796	17.956	18.068	18.244	18.339	18.422	18.685	19.171
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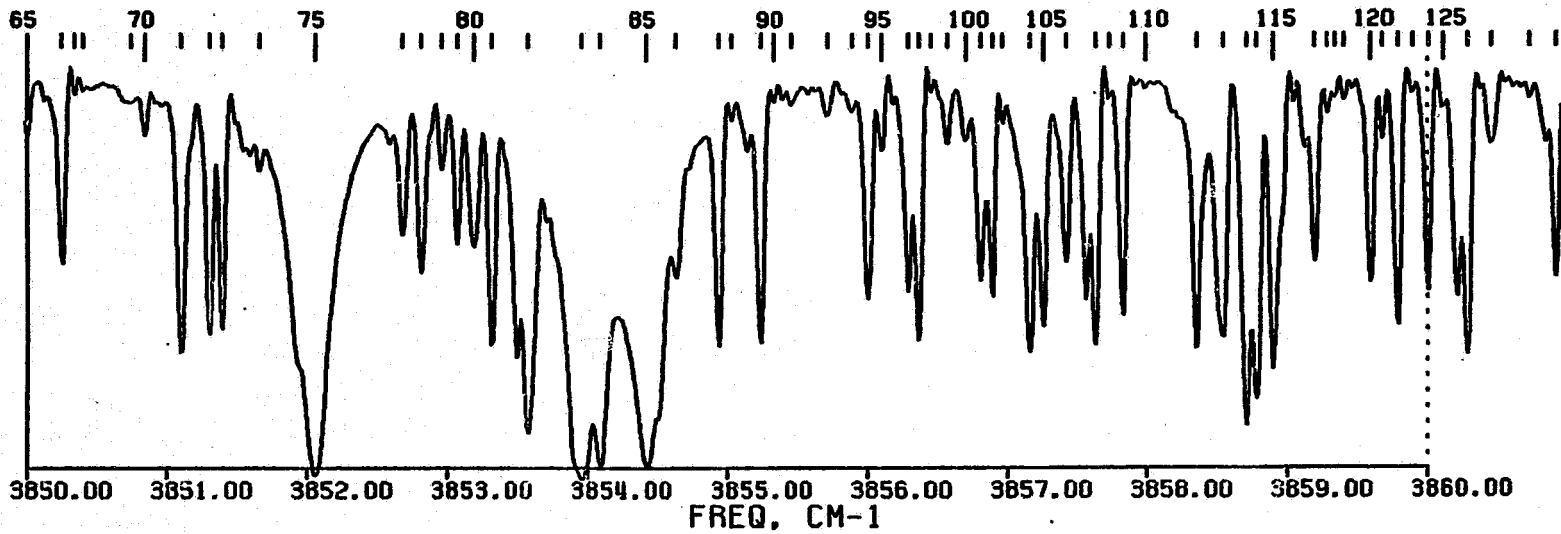
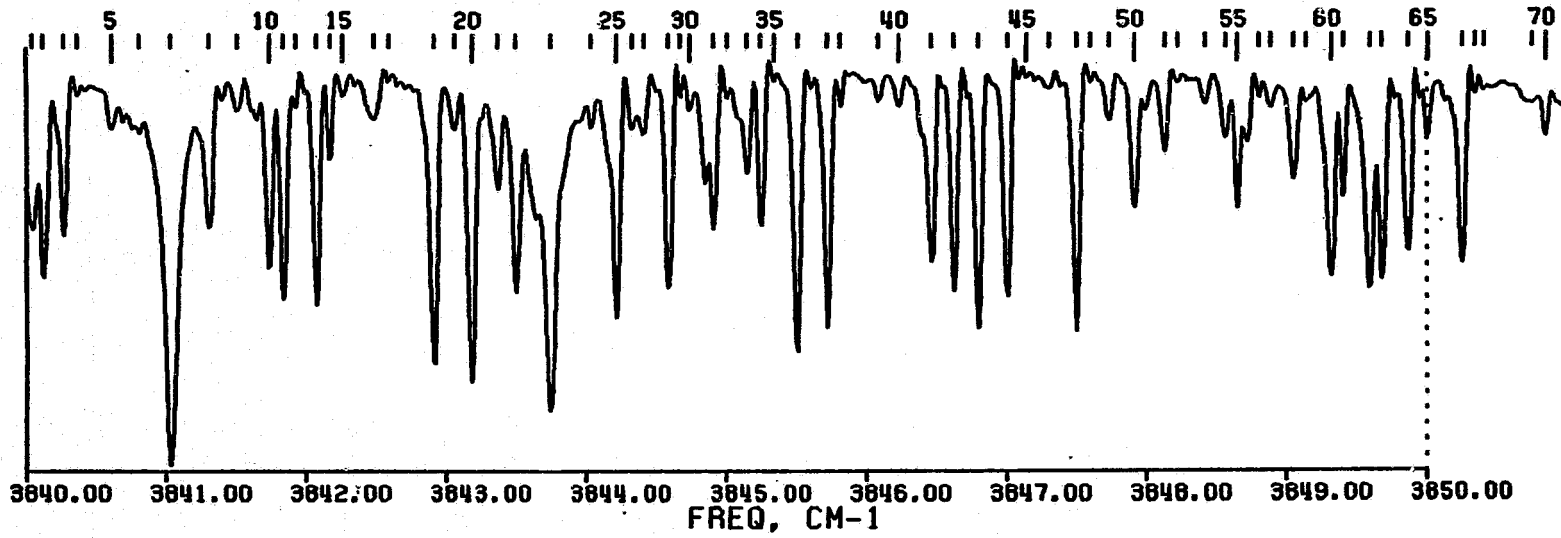
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10	22.413	22.523	22.608	22.738	22.826	22.889	23.090	23.294	23.462	23.611
20	23.800	23.963	24.032	24.149	24.279	24.361	24.573	24.699	24.786	24.870
30	25.005	25.143	25.271	25.376	25.550	25.636	25.861	26.011	26.202	26.422
40	26.752	26.948	27.125	27.293	27.523	27.617	27.682	27.774	28.001	28.290
50	28.511	28.591	28.731	28.795	29.029	29.124	29.273	29.371	29.468	29.641
60	29.791	29.987	30.132	30.322	30.567	30.790	30.995	31.167	31.294	31.445
70	31.683	32.065	32.231	32.397	32.494	32.767	32.891	33.003	33.173	33.361
80	33.493	33.727	34.003	34.156	34.329	34.416	34.513	34.985	35.311	35.403
90	35.476	35.631	35.721	35.802	35.875	35.991	36.087	36.205	36.296	36.442
100	36.542	36.703	36.899	37.050	37.324	37.862	38.018	38.418	38.761	38.880
110	38.980	39.169	39.340	39.439	39.543	39.607	39.752	39.865	39.932	40.050
120	40.125	40.269	40.366	40.610	40.809					

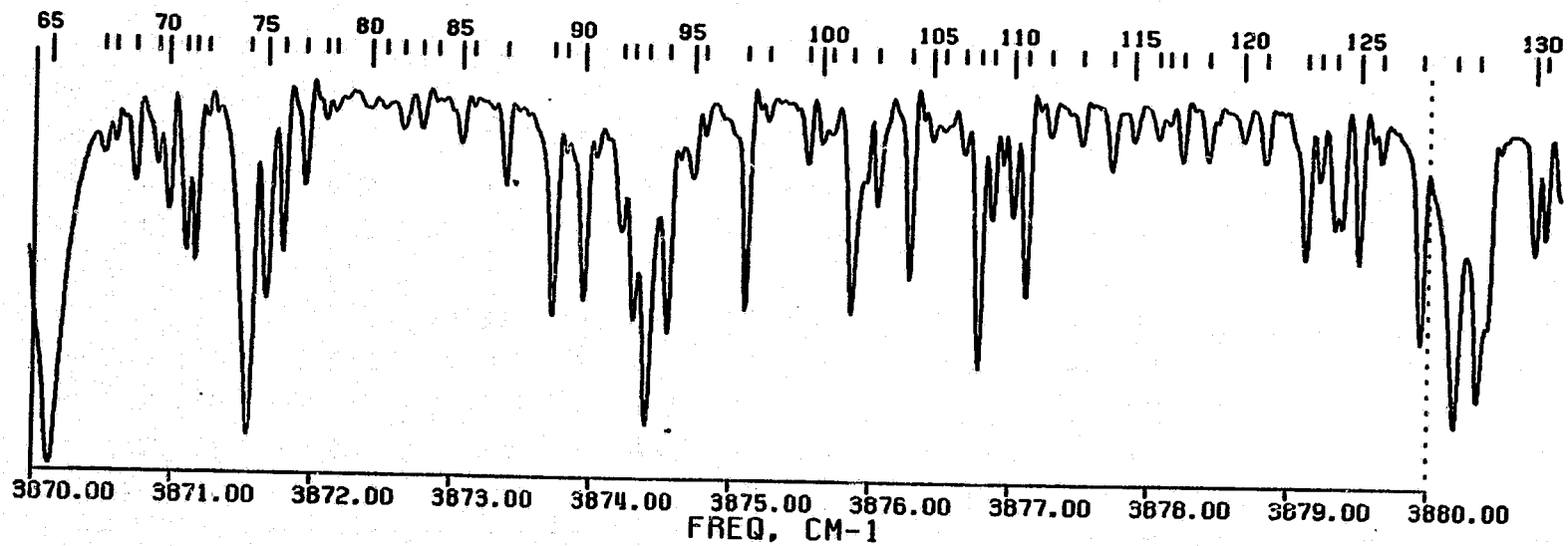
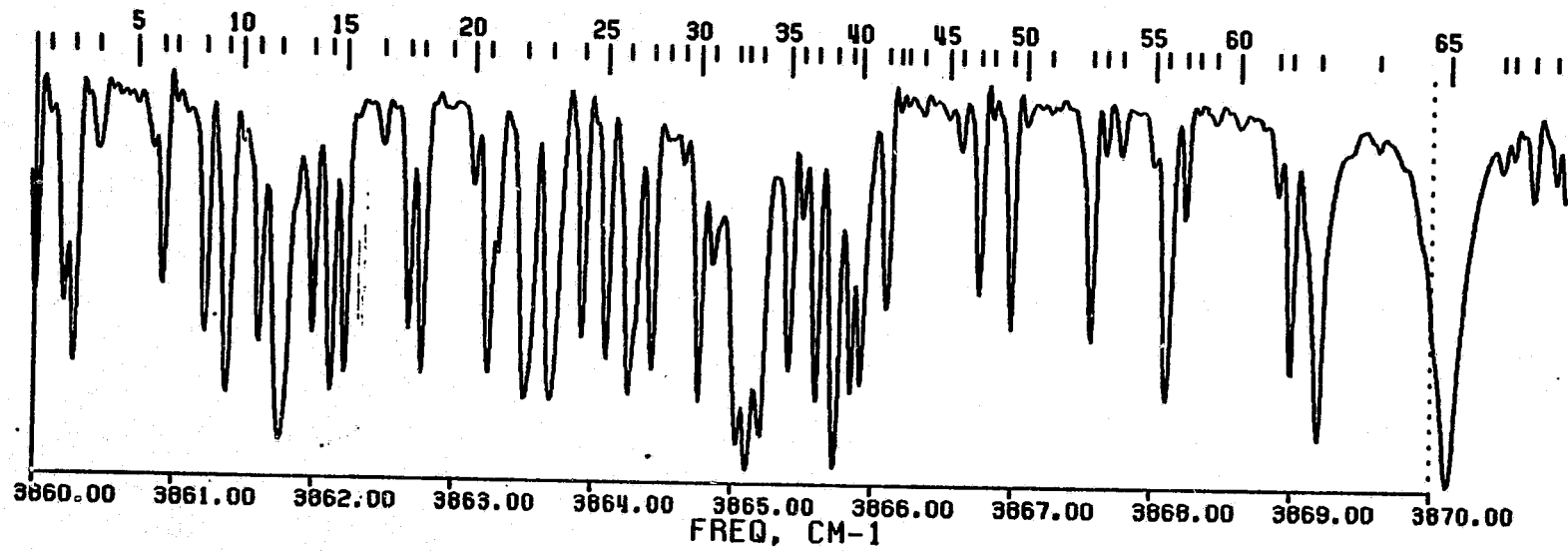


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10	41.739	41.839	41.925	42.077	42.170	42.265	42.485	42.593	42.916	43.062
20	43.185	43.370	43.499	43.746	44.038	44.218	44.329	44.410	44.591	44.674
30	44.740	44.911	45.008	45.151	45.249	45.341	45.509	45.724	45.816	46.088
40	46.233	46.467	46.628	46.802	47.008	47.145	47.304	47.500	47.598	47.732
50	47.912	48.129	48.222	48.415	48.561	48.649	48.802	48.885	49.049	49.140
60	49.319	49.402	49.594	49.680	49.867	50.005	50.251	50.340	50.404	50.747
70	50.845	51.101	51.303	51.393	51.663	52.060	52.686	52.817	52.966	53.076
80	53.194	53.321	53.577	53.962	54.097	54.428	54.640	54.944	55.038	55.244
90	55.337	55.463	55.720	55.894	56.010	56.110	56.299	56.371	56.459	56.575
100	56.706	56.814	56.899	56.971	57.165	57.261	57.424	57.631	57.728	57.831
110	57.989	58.353	58.544	58.710	58.782	58.901	59.197	59.288	59.339	59.406
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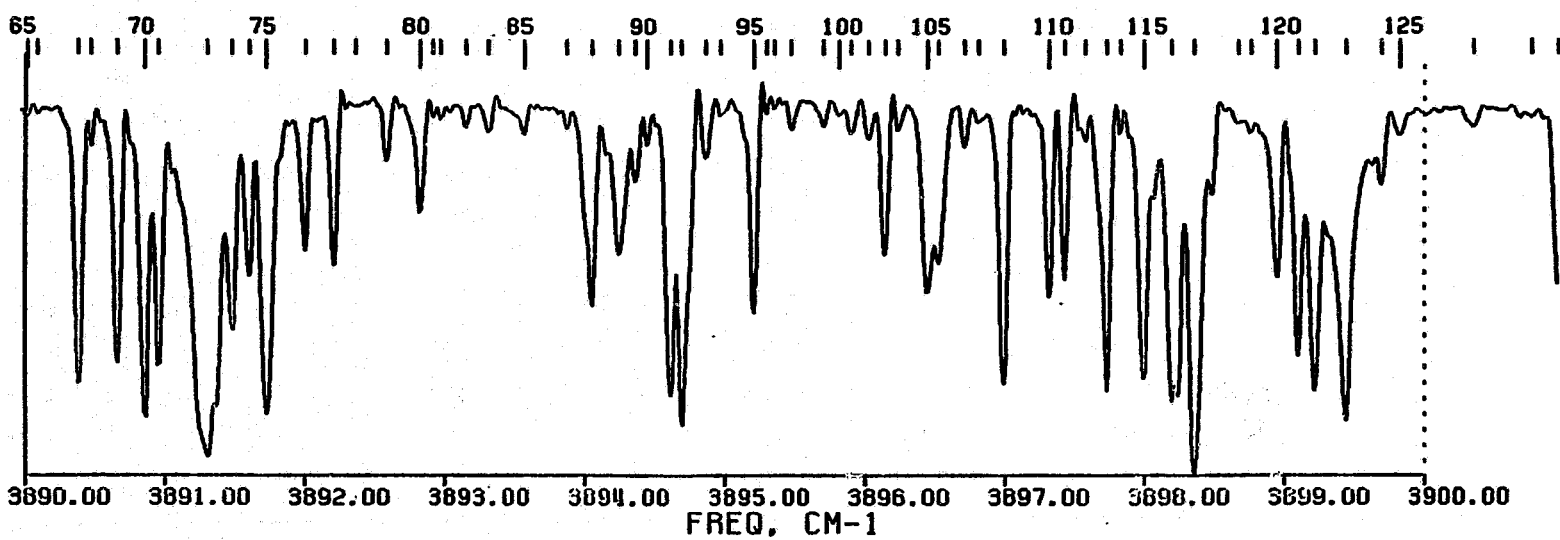
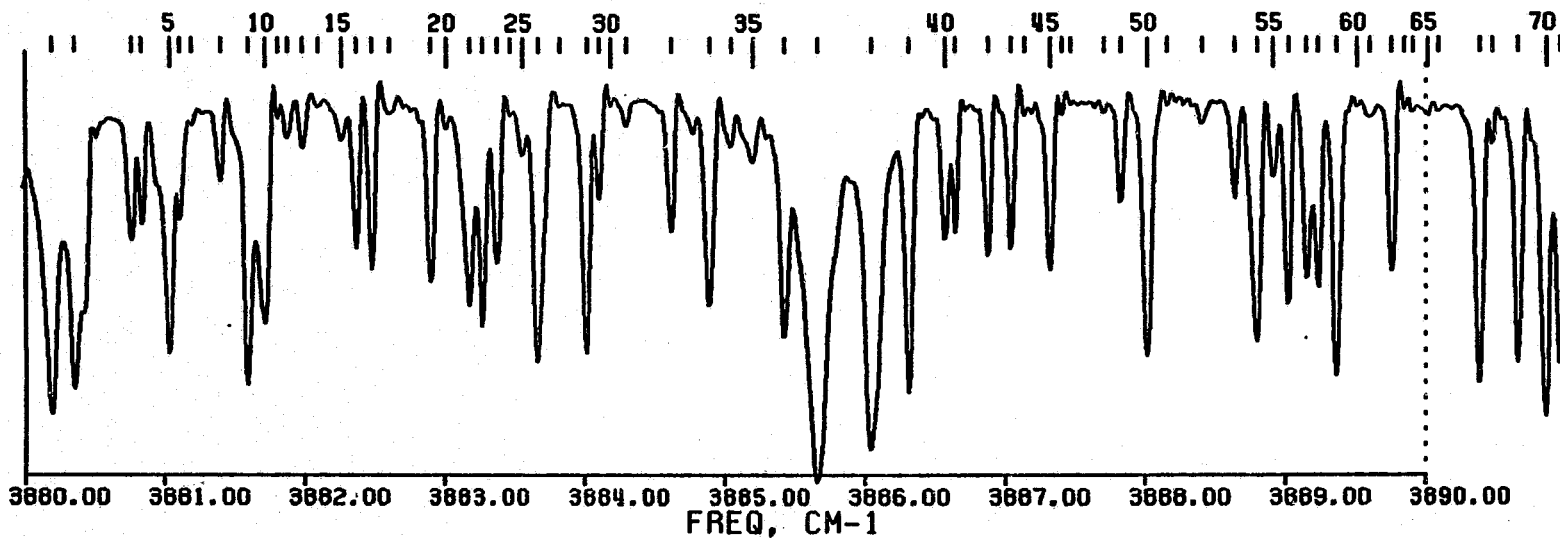
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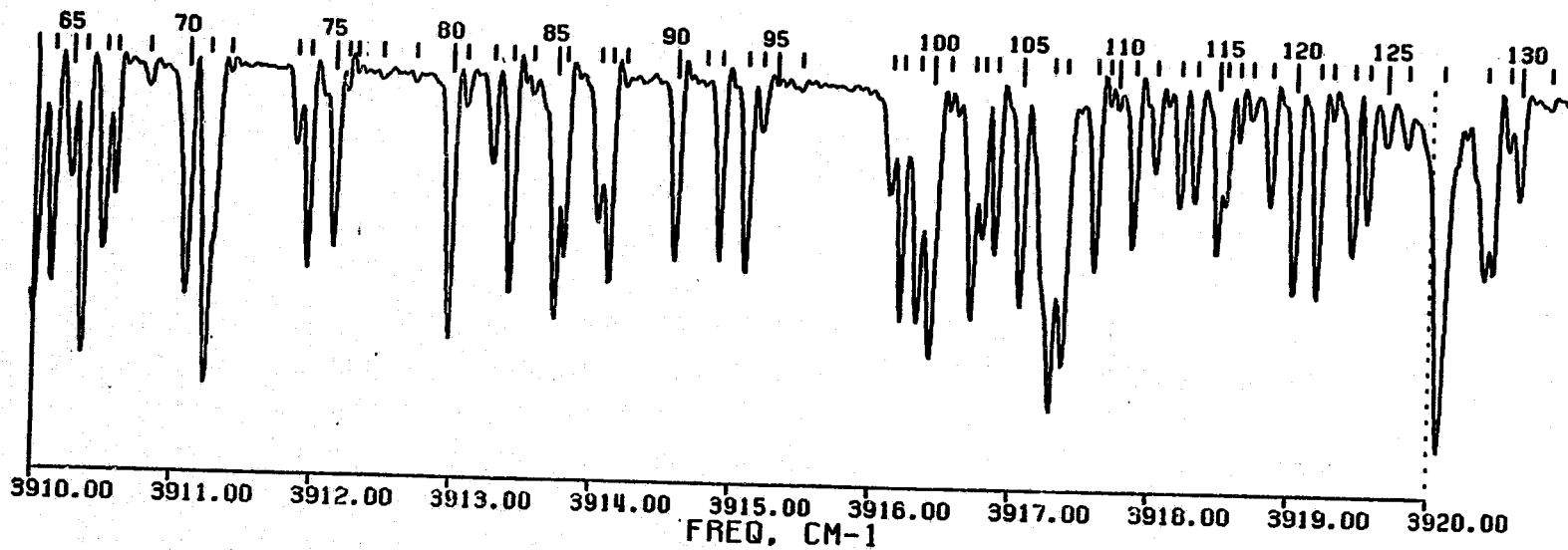
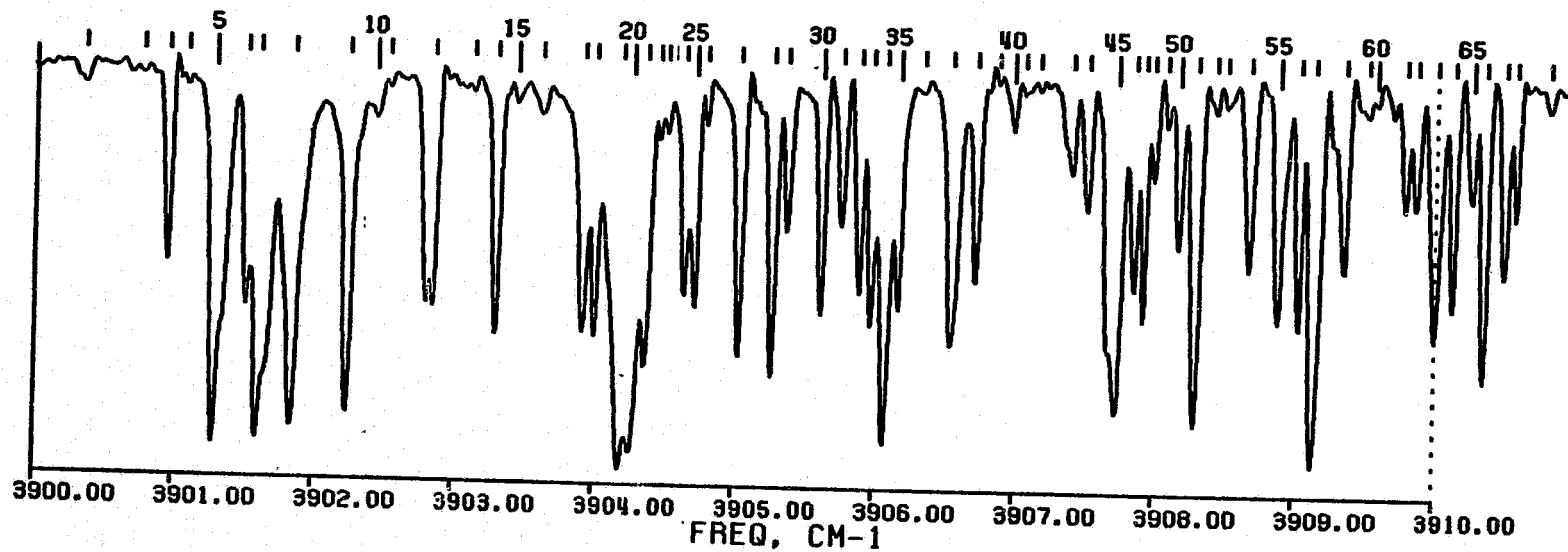


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30	84.181	84.293	84.616	84.887	85.041	85.194	85.422	85.662	86.042	86.312
40	86.567	86.642	86.876	87.037	87.135	87.317	87.400	87.468	87.701	87.822
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60	89.510	89.599	89.756	89.846	89.906	90.014	90.090	90.384	90.473	90.659
70	90.857	90.956	91.304	91.482	91.606	91.728	92.004	92.211	92.362	92.583
80	92.824	92.916	92.974	93.152	93.316	93.570	93.876	94.054	94.246	94.365
90	94.450	94.616	94.696	94.866	94.974	95.210	95.299	95.356	95.480	95.711
100	95.819	95.907	96.031	96.146	96.240	96.450	96.527	96.713	96.812	96.994
110	97.320	97.430	97.578	97.731	97.826	97.994	98.195	98.352	98.669	98.757
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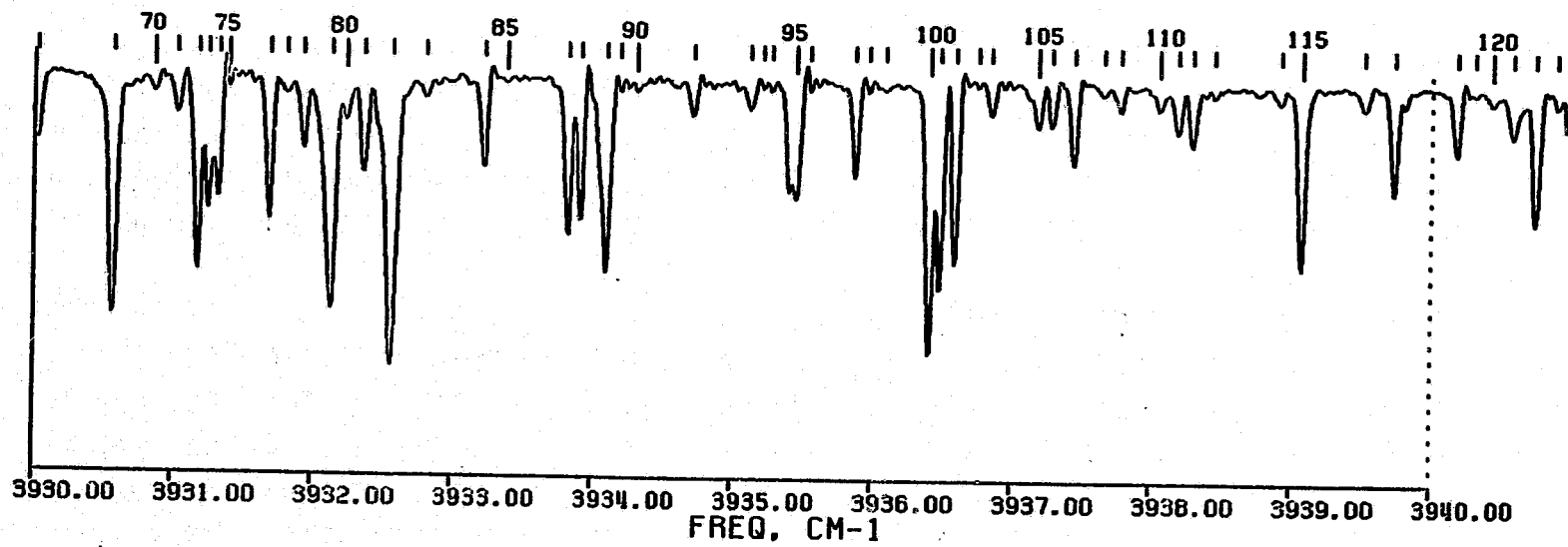
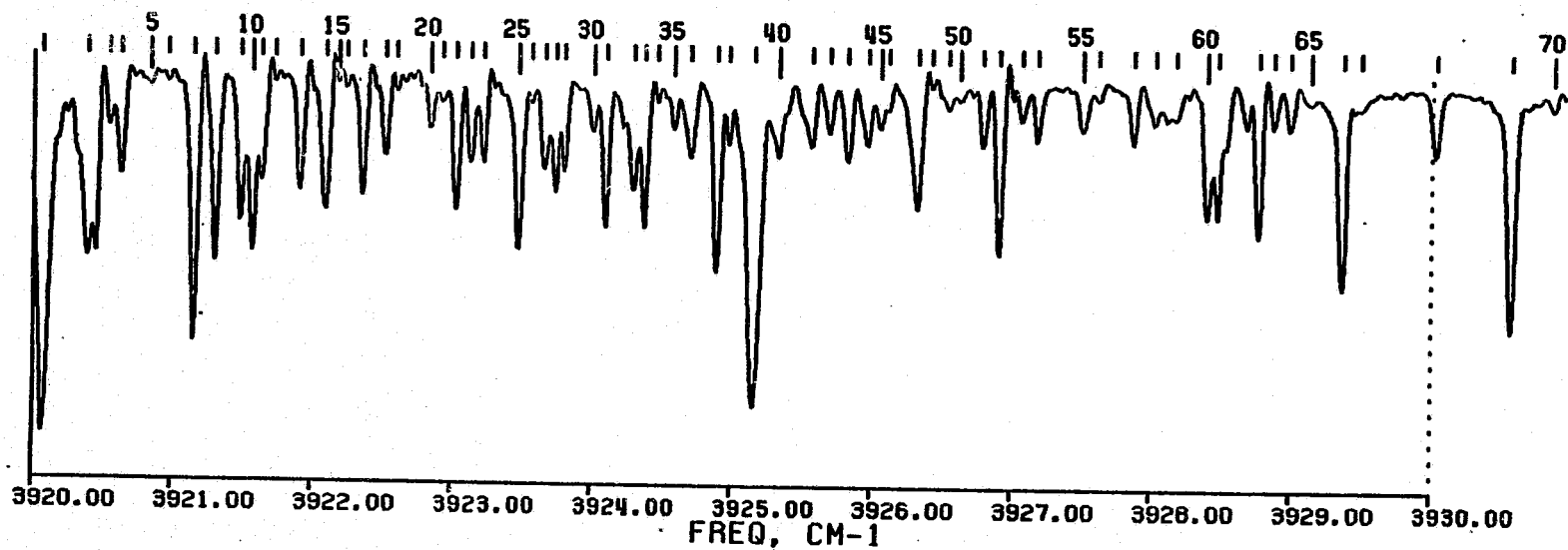


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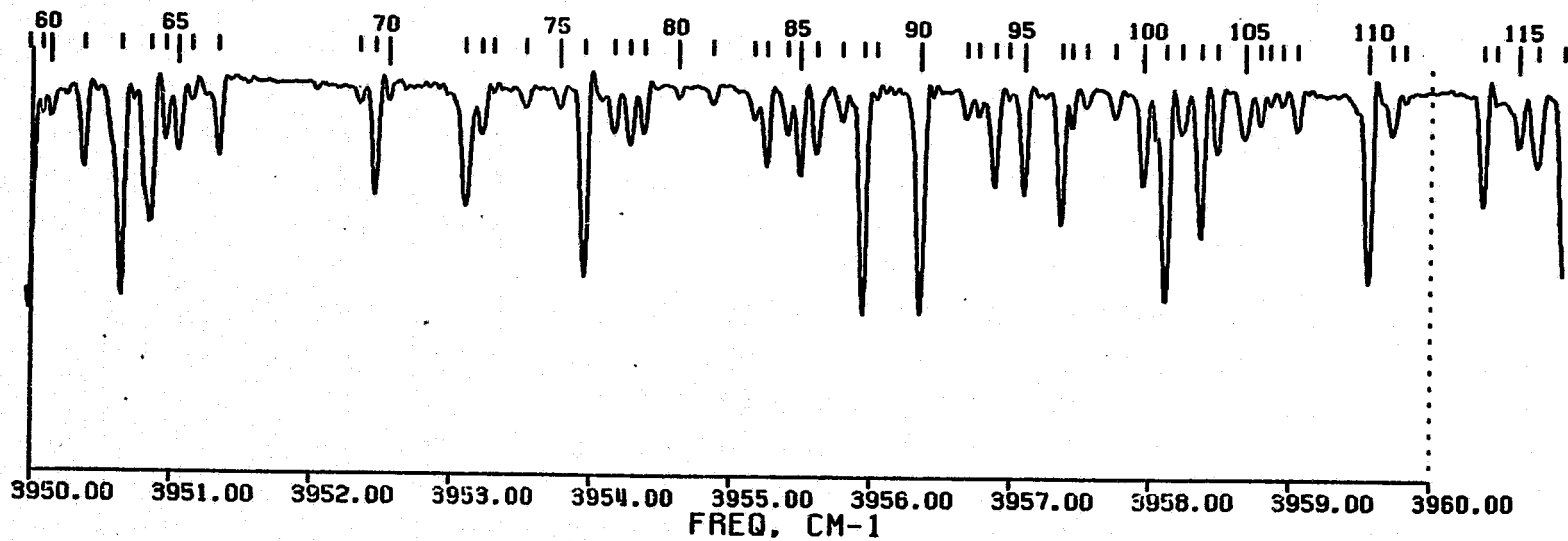
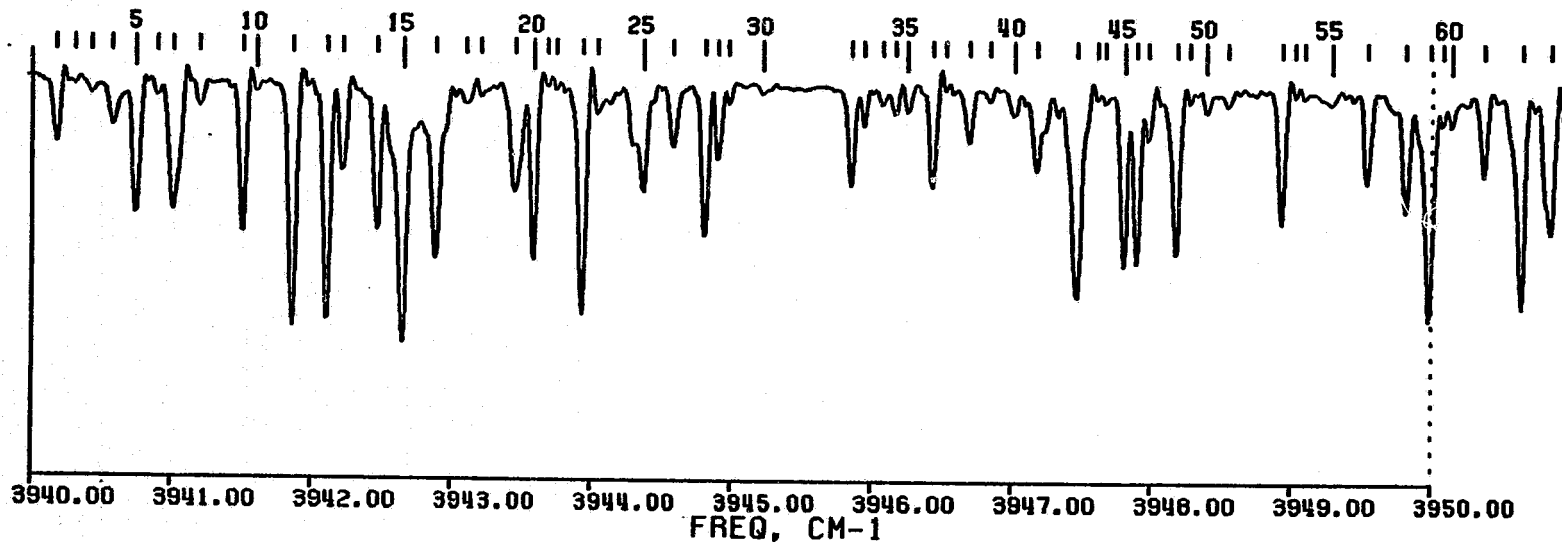
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30	24.004	24.095	24.293	24.372	24.464	24.581	24.702	24.888	24.974	25.156
40	25.330	25.567	25.693	25.823	25.965	26.056	26.112	26.323	26.424	26.541
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80	32.235	32.360	32.564	32.805	33.223	33.383	33.827	33.915	34.101	34.197
90	34.318	34.719	35.128	35.220	35.279	35.456	35.556	35.879	35.973	36.095
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110	38.053	38.186	38.290	38.445	38.918	39.072	39.518	39.732	40.179	40.308
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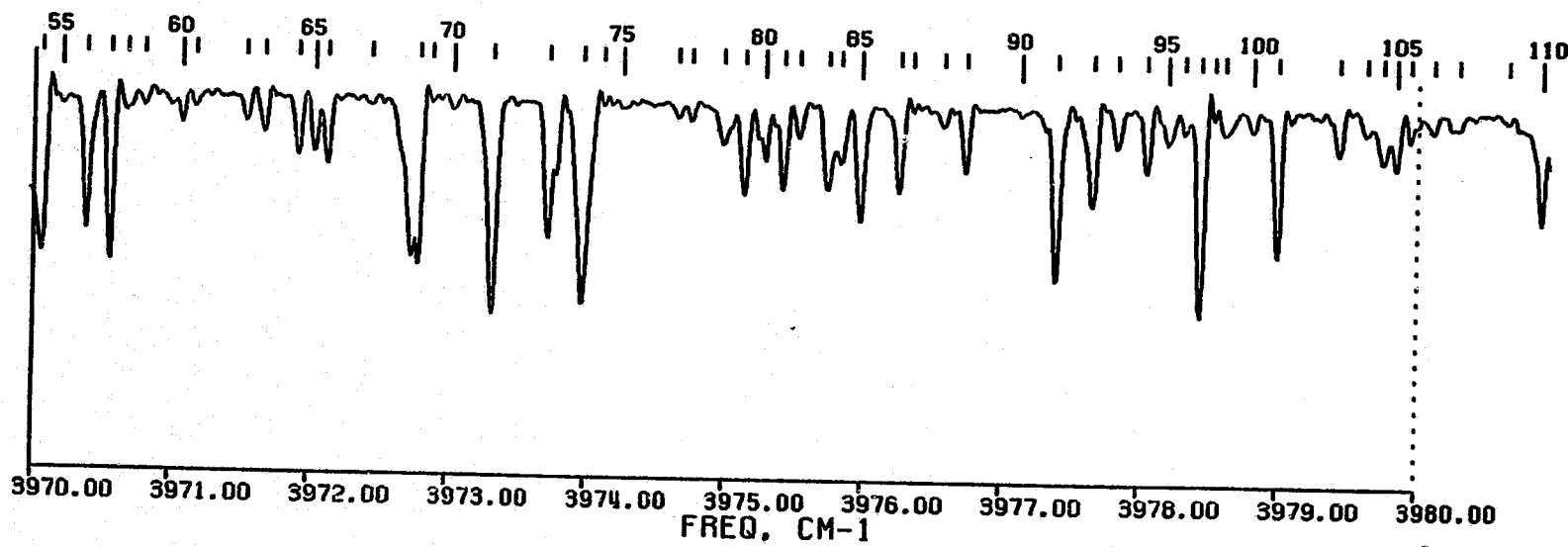
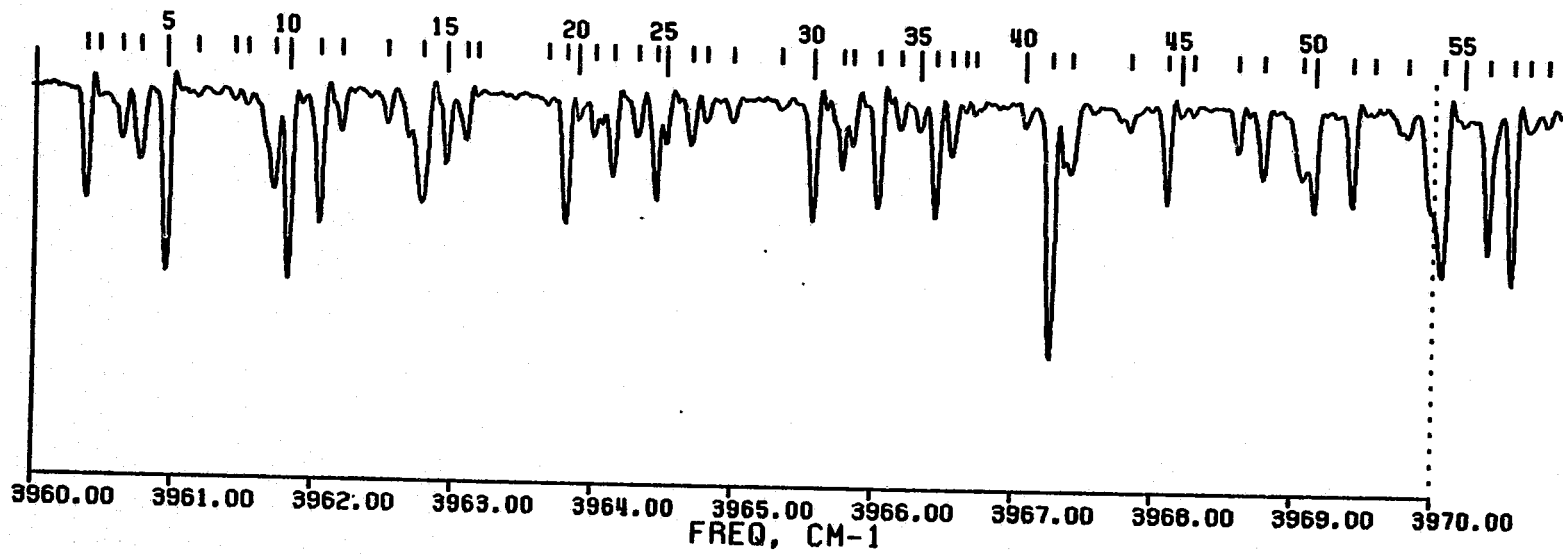
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20	43.590	43.684	43.748	43.937	44.040	44.373	44.585	44.811	44.904	44.983
30	45.224	45.855	45.945	46.077	46.168	46.256	46.434	46.525	46.695	46.843
40	47.015	47.178	47.467	47.610	47.669	47.805	47.895	47.975	48.176	48.271
50	48.391	48.541	48.927	49.022	49.089	49.282	49.536	49.813	49.982	50.074
60	50.136	50.371	50.641	50.849	50.955	51.047	51.143	51.336	52.343	52.453
70	52.549	53.100	53.217	53.300	53.531	53.774	53.951	54.162	54.276	54.375
80	54.624	54.865	55.165	55.252	55.401	55.492	55.609	55.793	55.944	56.034
90	56.353	56.678	56.766	56.881	56.980	57.092	57.359	57.429	57.534	57.741
100	57.941	58.102	58.217	58.354	58.469	58.666	58.777	58.846	58.933	59.043
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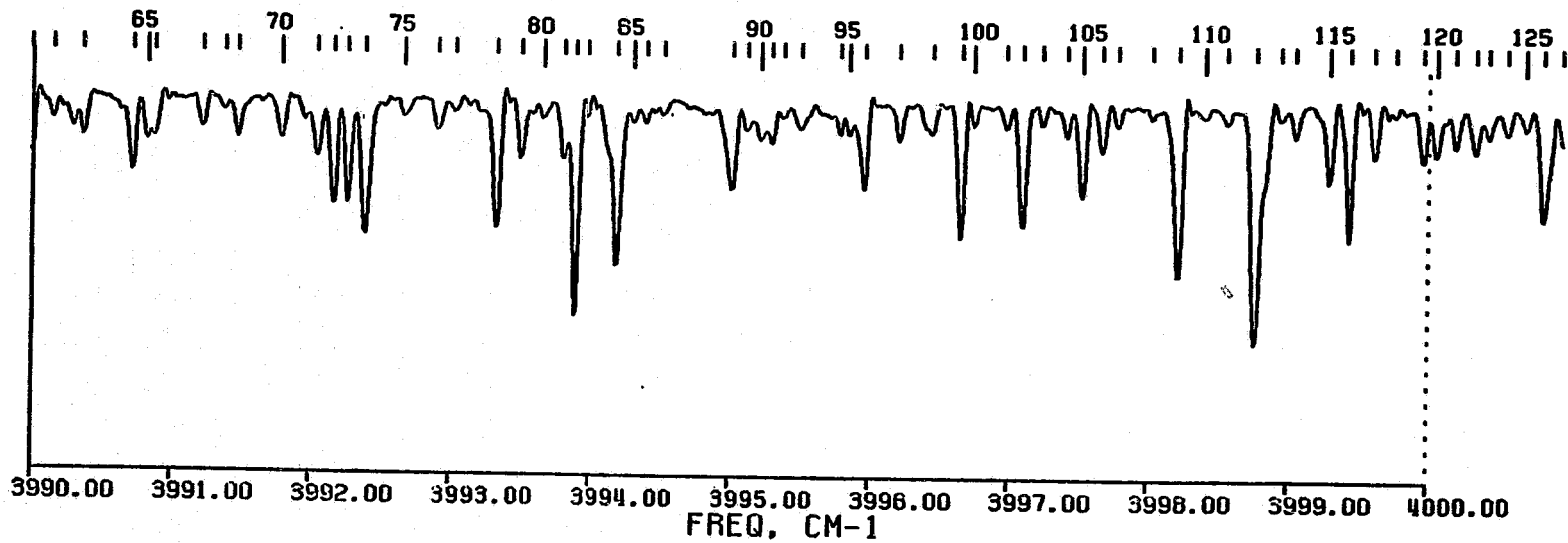
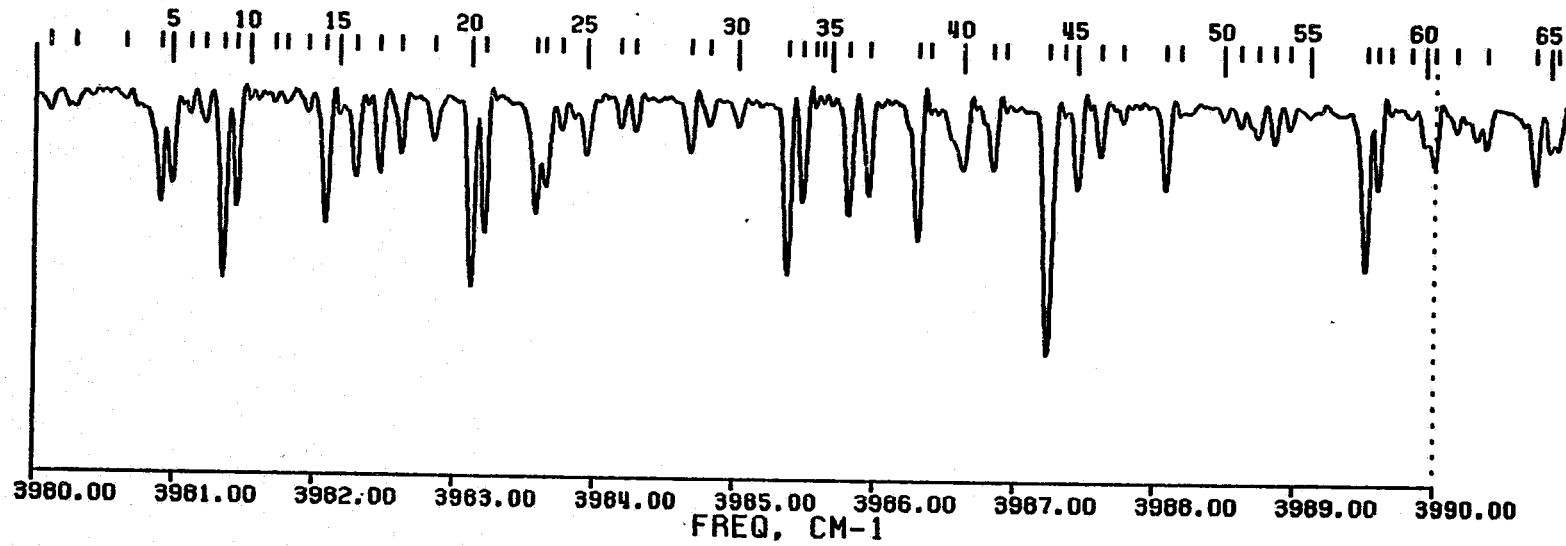


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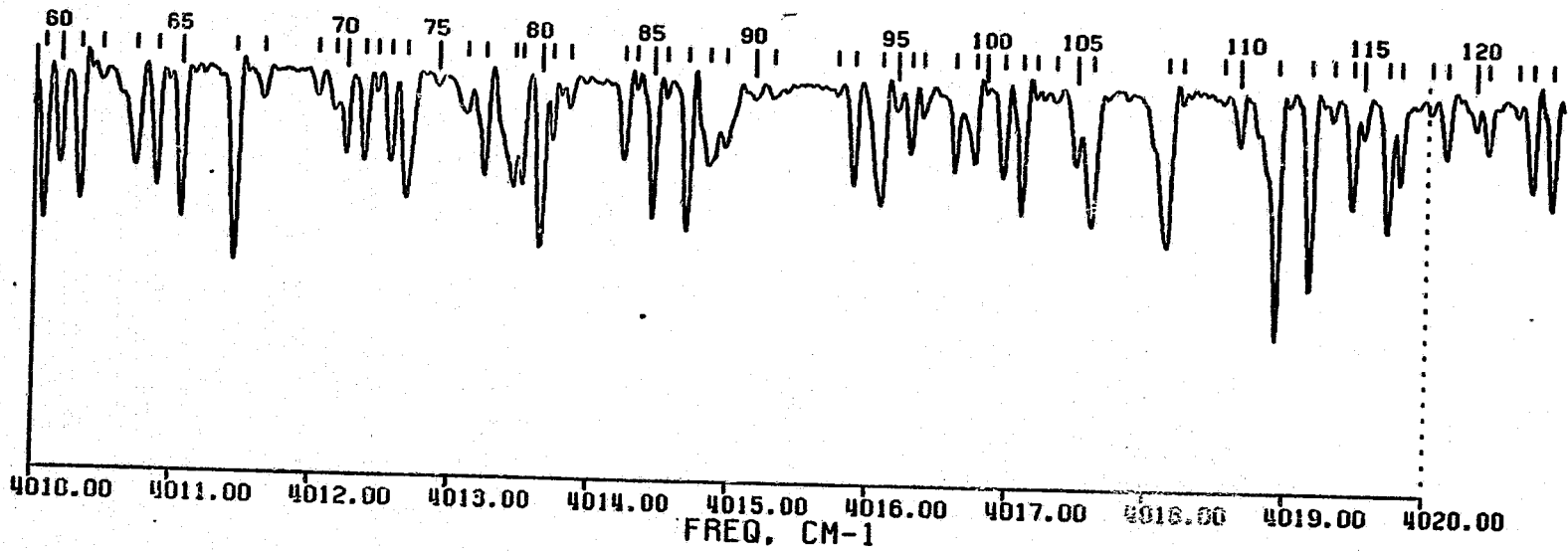
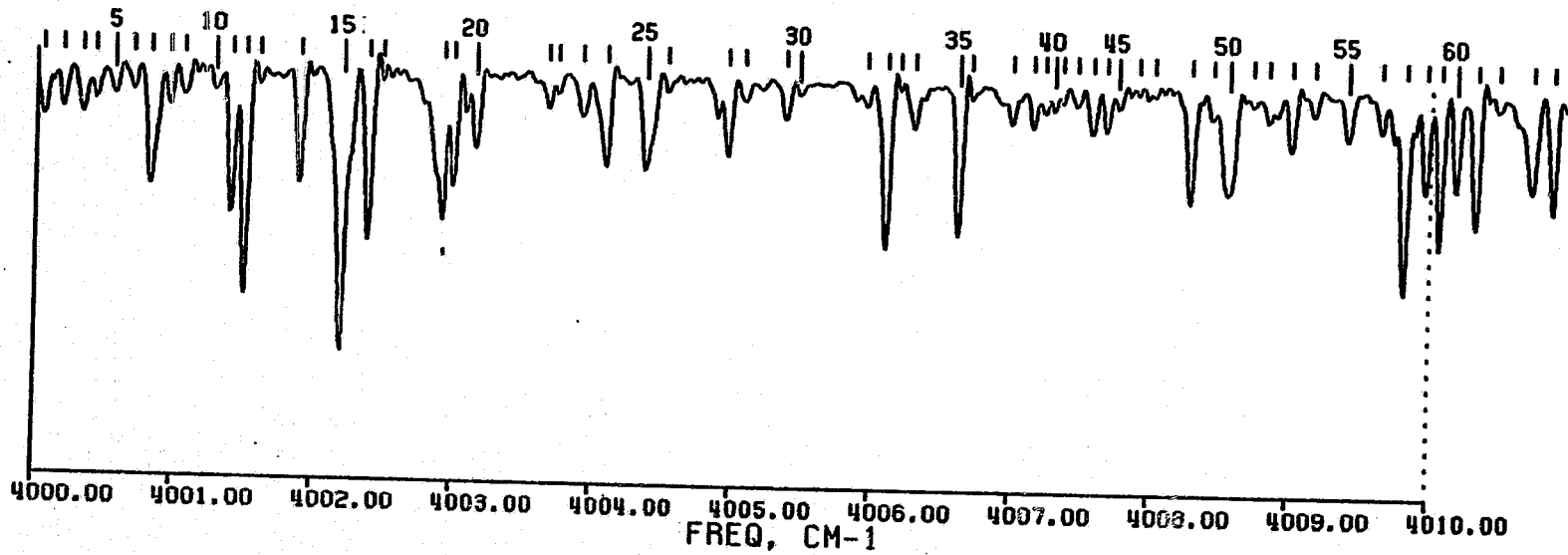


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50	88.608	88.608	88.731	88.851	88.957	89.100	89.506	89.589	89.676	89.826
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70	91.785	92.043	92.161	92.260	92.386	92.665	92.903	93.029	93.322	93.496
80	93.654	93.801	93.887	93.978	94.190	94.307	94.396	94.522	95.013	95.119
90	95.218	95.297	95.377	95.502	95.783	95.849	95.959	96.207	96.440	96.651
100	96.739	96.978	97.086	97.235	97.409	97.523	97.660	97.772	98.018	98.208
110	98.396	98.554	98.758	98.936	99.041	99.283	99.429	99.610	99.759	99.960
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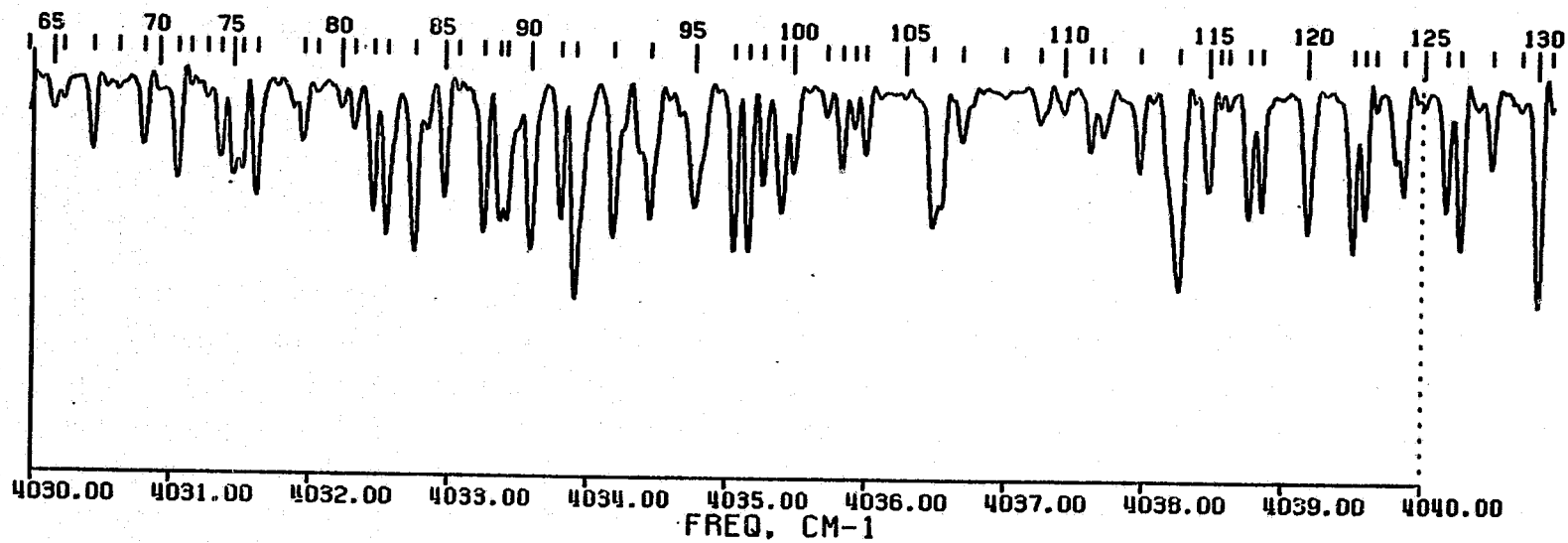
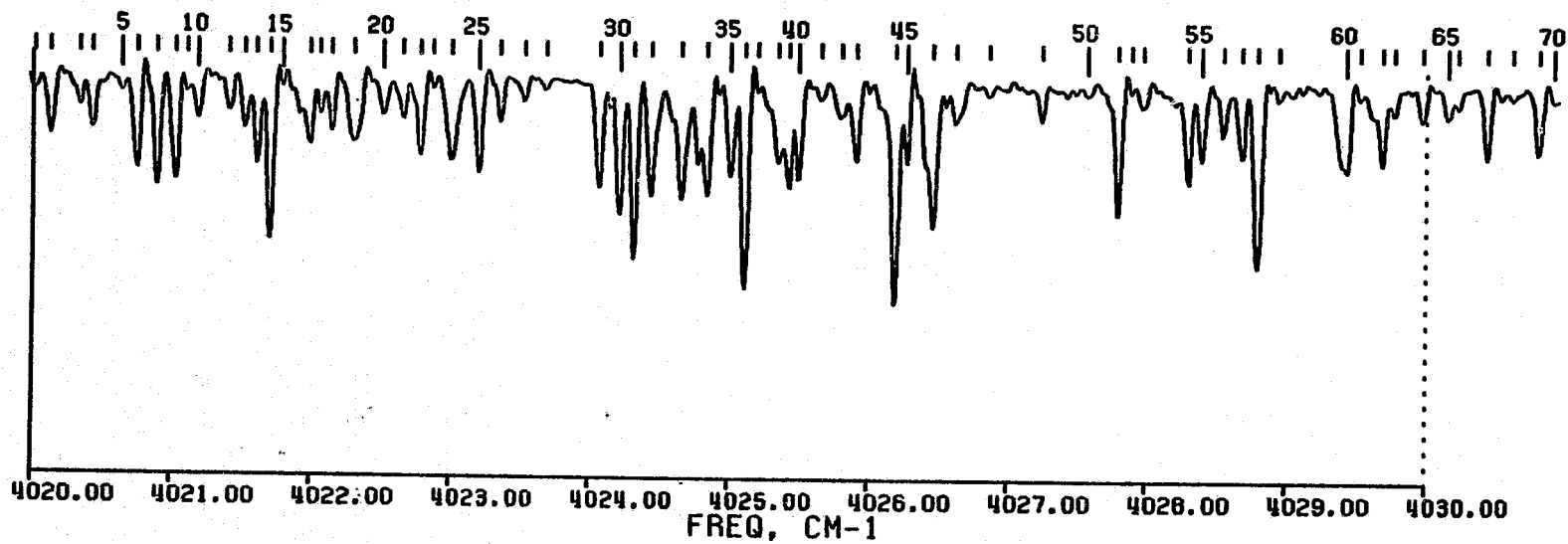


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70	12.233	12.362	12.450	12.553	12.666	12.892	13.097	13.228	13.438	13.499
80	13.634	13.714	13.837	14.231	14.318	14.439	14.532	14.685	14.842	14.956
90	15.171	15.300	15.759	15.880	16.078	16.189	16.288	16.375	16.607	16.748
100	16.827	16.953	17.088	17.185	17.328	17.476	17.591	18.128	18.297	18.531
110	18.651	18.921	19.160	19.318	19.463	19.537	19.713	19.801	20.017	20.130
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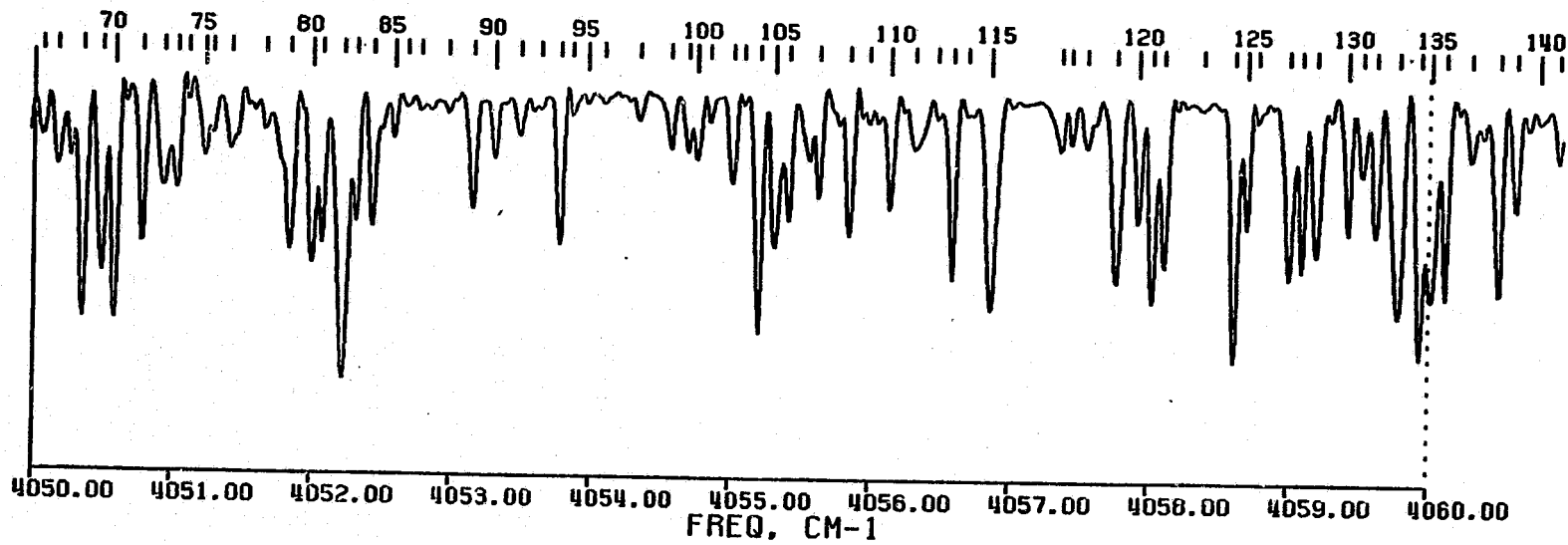
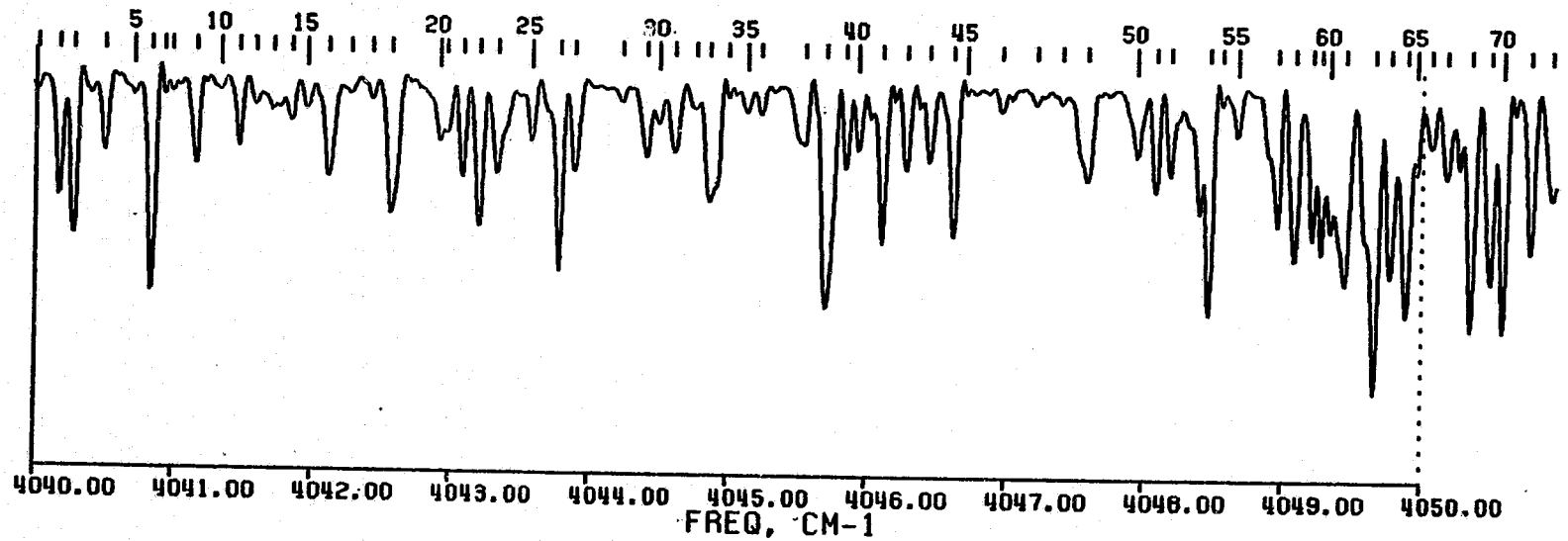


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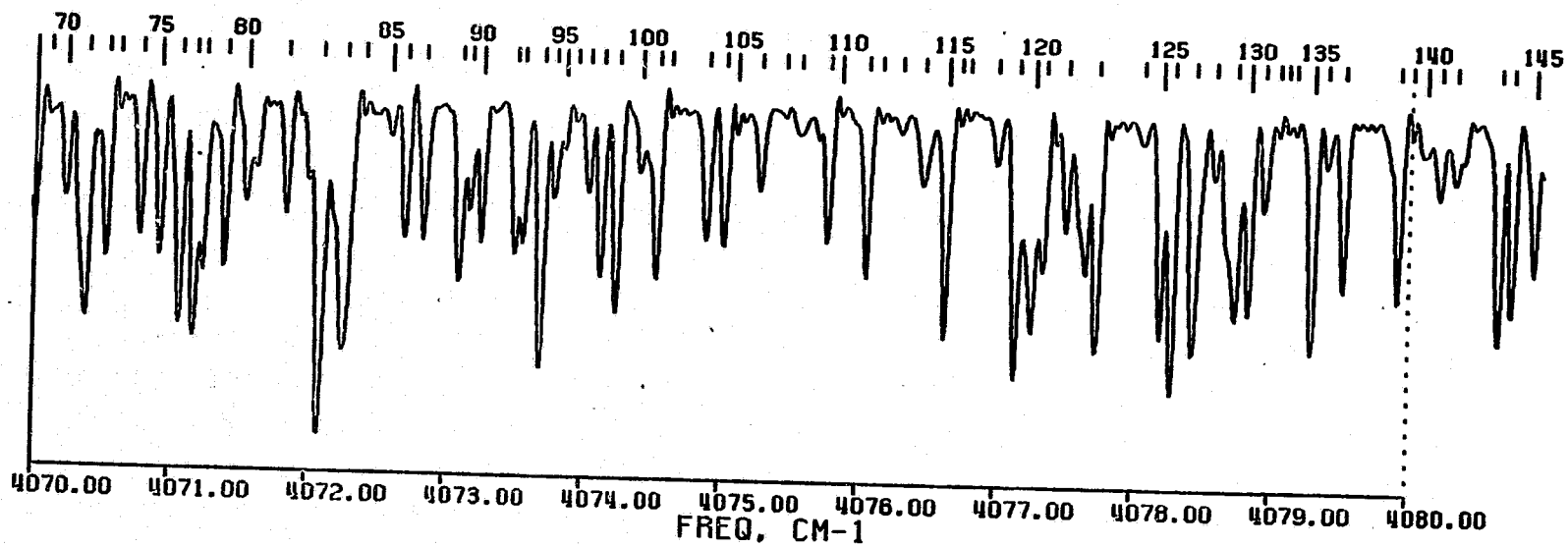
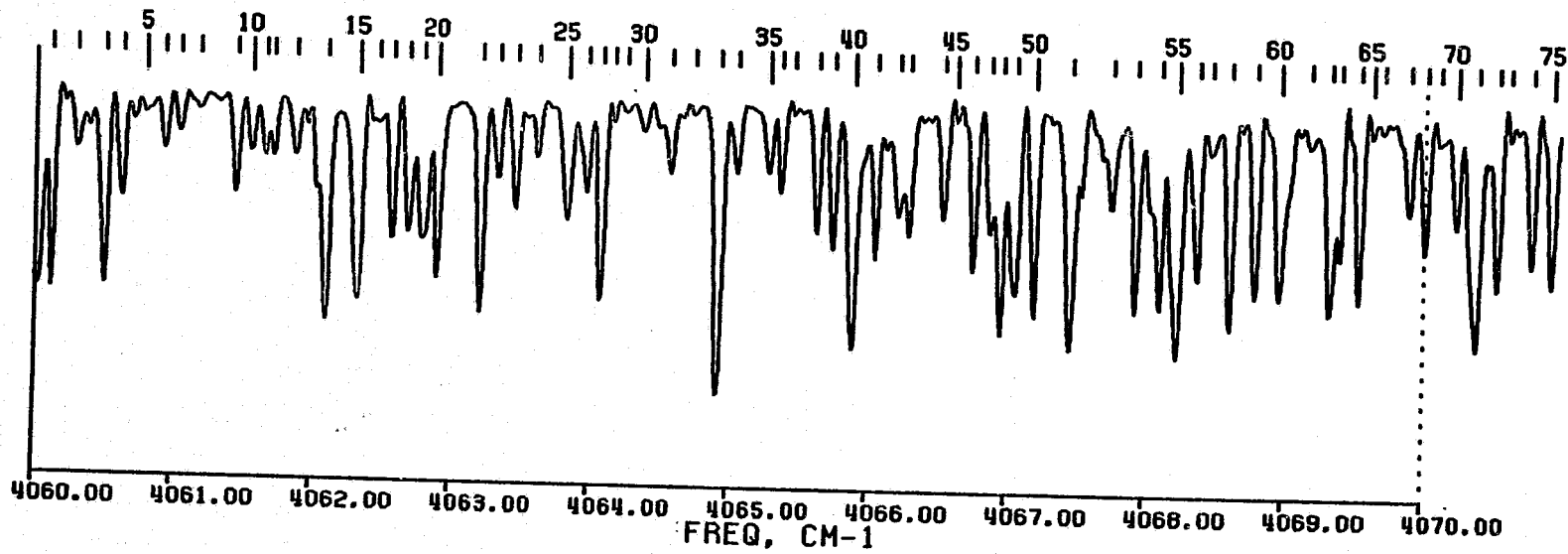
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30	44.495	44.612	44.766	44.863	44.997	43.578	43.783	43.890	44.232	44.409
40	45.935	46.107	46.281	46.446	46.621	45.132	45.233	45.547	45.704	45.844
						46.716	46.970	47.218	47.401	47.586
50	47.944	48.078	48.183	48.464	48.554					
60	49.335	49.444	49.659	49.769	49.886	48.666	48.958	49.081	49.208	49.271
70	50.582	50.779	50.933	51.031	51.111	49.960	50.066	50.174	50.352	50.491
80	51.997	52.070	52.221	52.312	52.430	51.229	51.285	51.414	51.661	51.839
90	53.307	53.486	53.634	53.778	53.862	52.583	52.677	52.774	52.973	53.152
						53.971	54.091	54.340	54.570	54.692
100	54.759	54.848	55.012	55.091	55.202					
110	56.140	56.320	56.481	56.589	56.693	55.313	55.414	55.628	55.848	55.989
120	57.918	58.019	58.106	58.382	58.608	56.864	57.364	57.440	57.549	57.762
130	59.421	59.520	59.620	59.781	59.937	58.698	58.771	59.001	59.091	59.195
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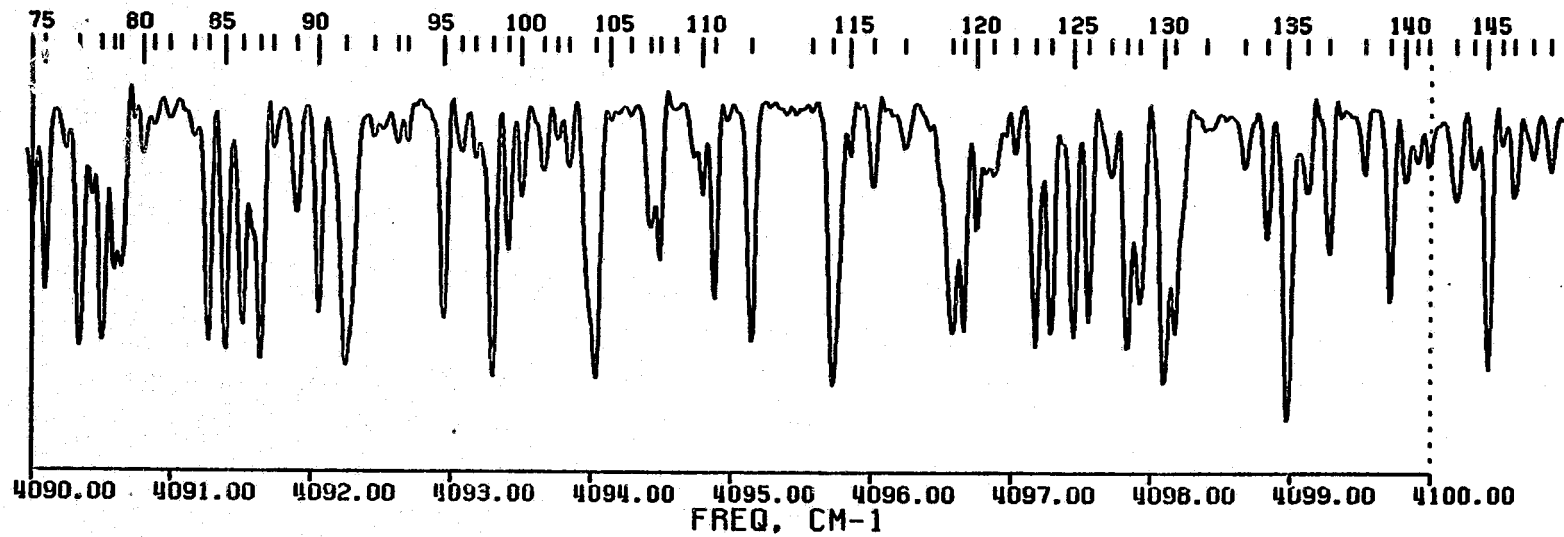
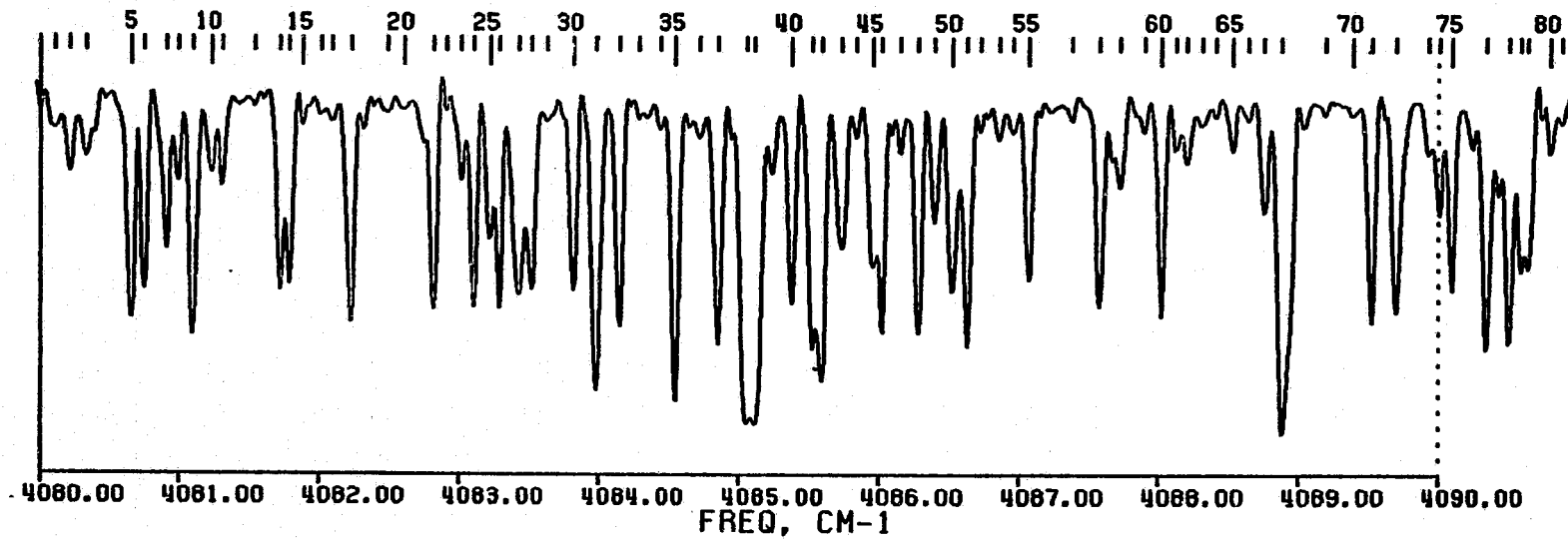
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30	64.382	64.574	64.740	64.921	65.053	65.280	65.366	65.459	65.628	65.746
40	65.890	66.051	66.214	66.291	66.537	66.628	66.752	66.873	66.954	67.055
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70	70.228	70.379	70.526	70.612	70.772	70.915	71.063	71.165	71.232	71.388
80	71.542	71.834	72.083	72.254	72.387	72.588	72.697	72.832	73.095	73.167
90	73.254	73.499	73.555	73.691	73.780	73.853	73.936	74.030	74.123	74.238
100	74.403	74.529	74.619	74.888	75.017	75.098	75.275	75.449	75.563	75.770
110	75.857	76.054	76.149	76.294	76.459	76.629	76.723	76.786	76.992	77.140
120	77.259	77.338	77.500	77.727	78.055	78.193	78.279	78.430	78.580	78.735
130	78.832	78.939	79.037	79.106	79.160	79.293	79.391	79.519	79.916	80.008
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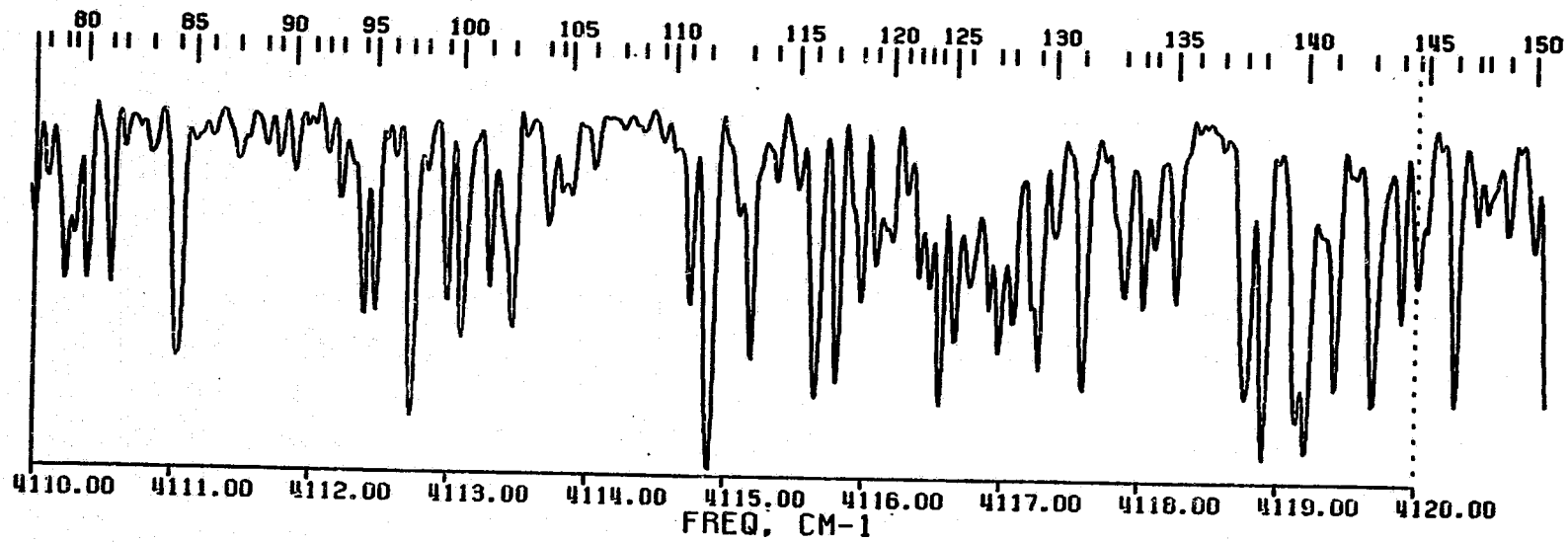
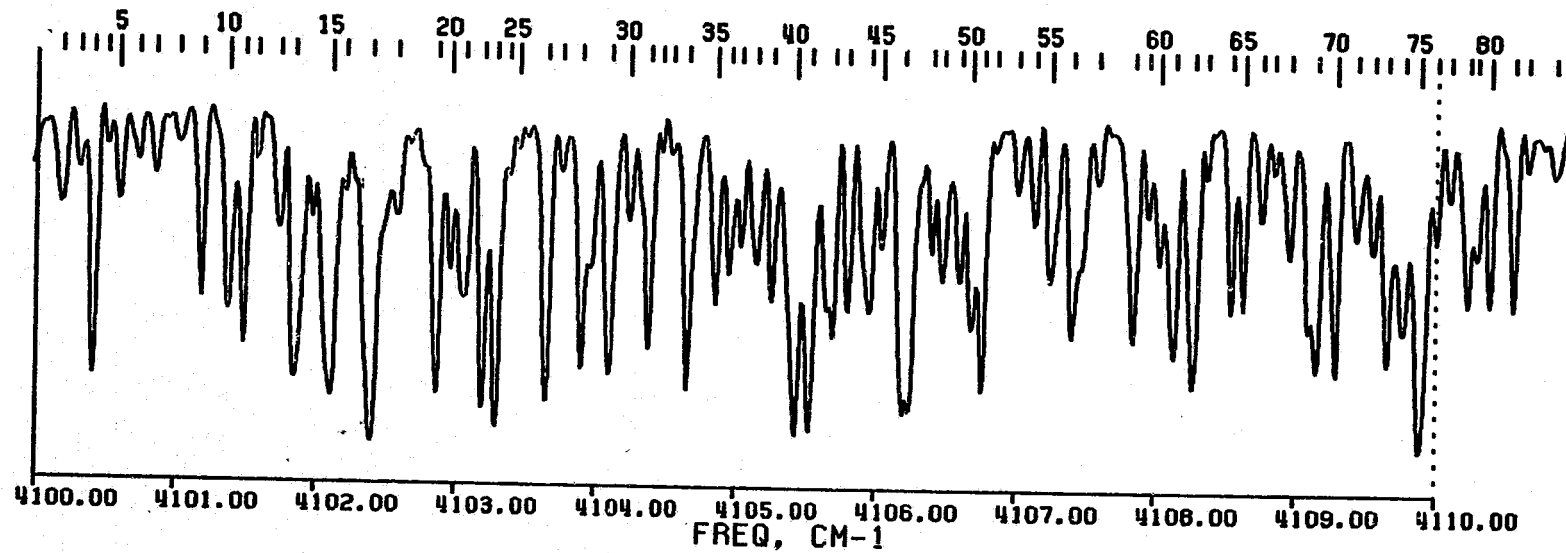


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30	83.819	83.981	84.150	84.290	84.441	84.548	84.724	84.852	85.055	85.114
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90	92.057	92.248	92.452	92.621	92.689	92.950	93.076	93.176	93.298	93.409
100	93.505	93.663	93.764	93.844	94.037	94.141	94.287	94.428	94.494	94.609
110	94.798	94.885	95.151	95.581	95.732	95.853	96.020	96.247	96.586	96.665
120	96.760	96.879	97.034	97.179	97.291	97.450	97.559	97.719	97.836	97.925
130	98.096	98.173	98.395	98.671	98.832	98.979	99.121	99.276	99.527	99.712
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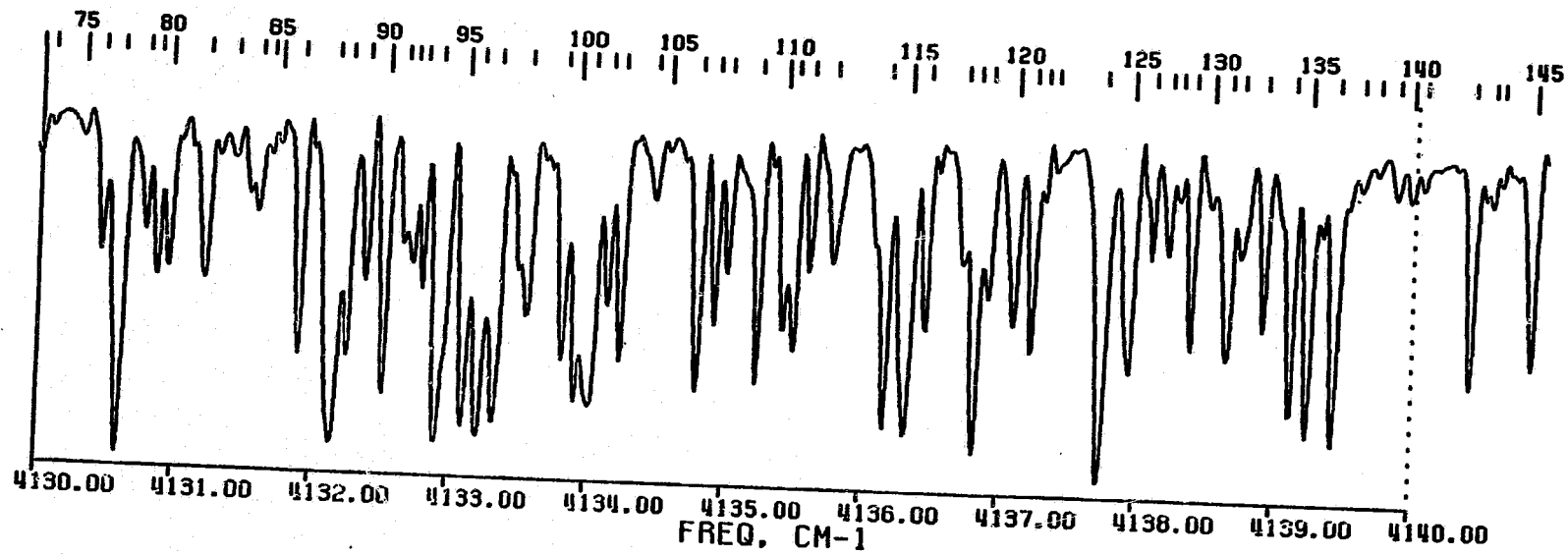
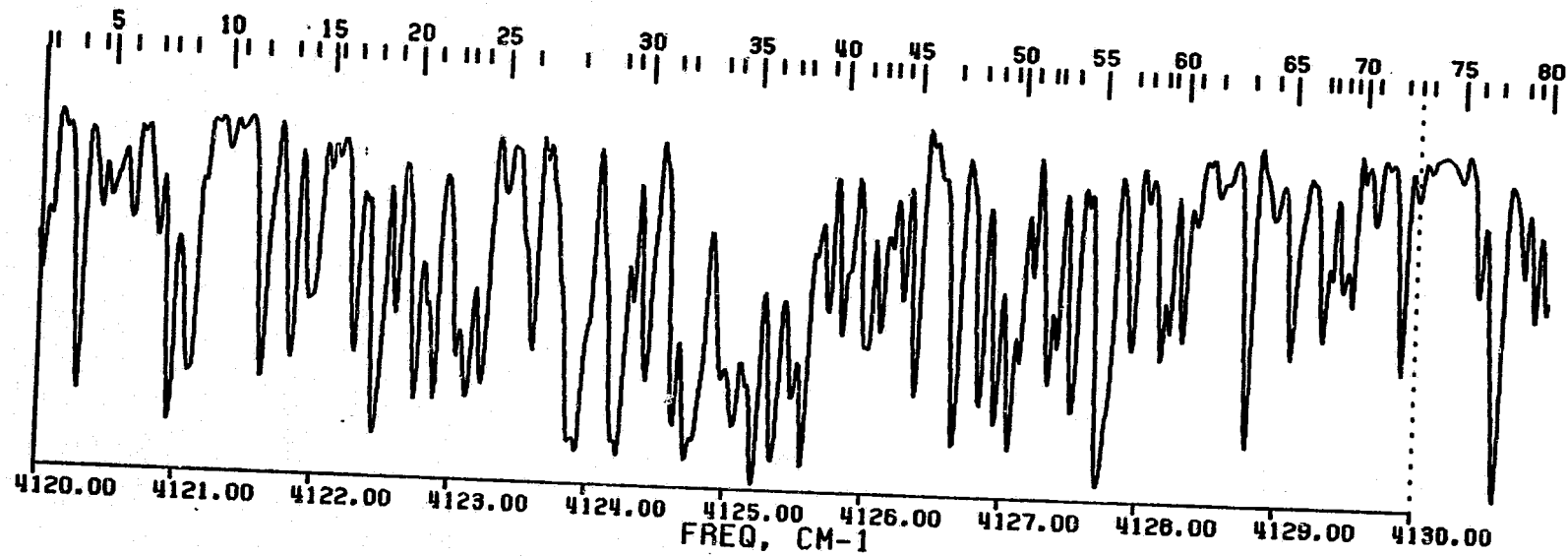


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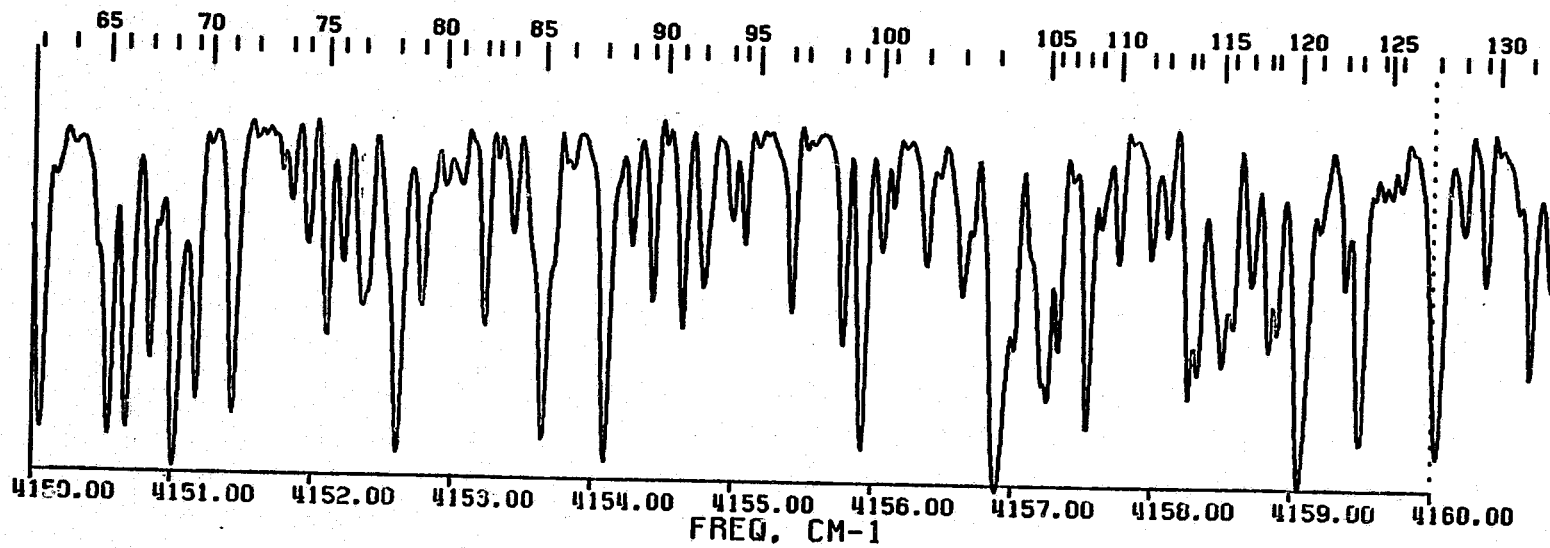
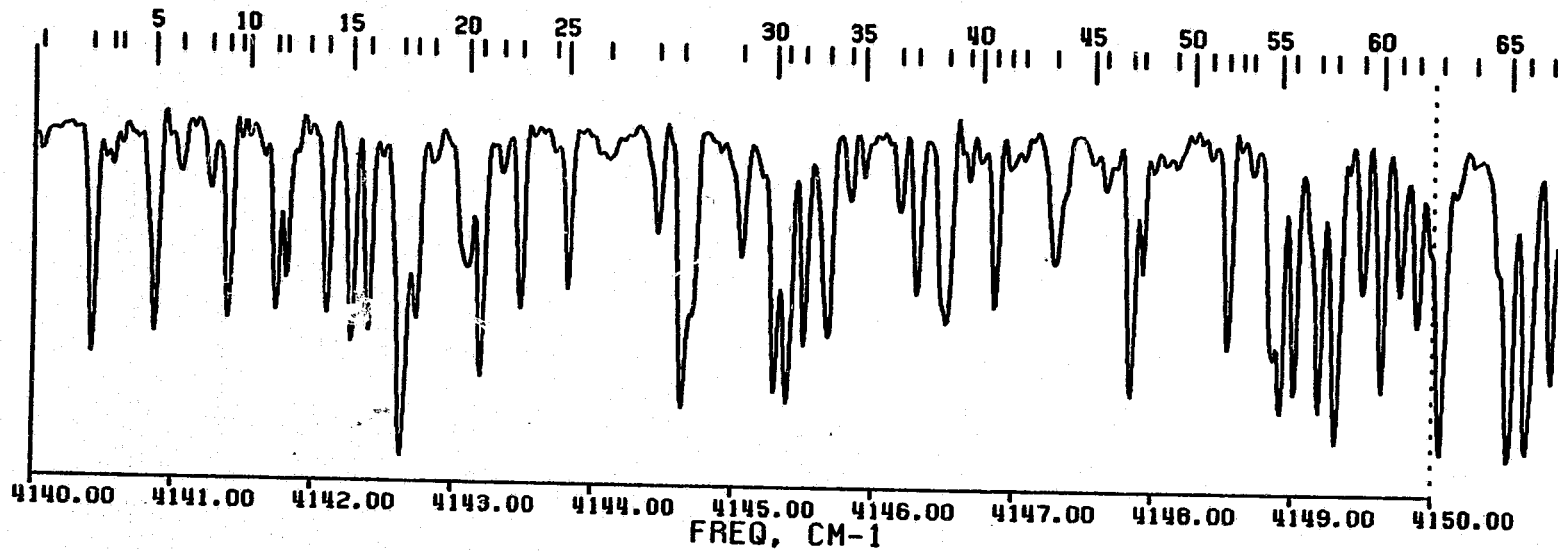


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10	21.365	21.452	21.620	21.837	21.969	22.102	22.162	22.298	22.450	22.595
20	22.742	22.881	23.040	23.118	23.225	23.381	23.594	23.928	24.229	24.324
30	24.420	24.626	24.724	24.970	25.066	25.215	25.351	25.488	25.568	25.740
40	25.841	26.008	26.117	26.193	26.281	26.377	26.662	26.846	26.961	27.068
50	27.129	27.219	27.341	27.401	27.517	27.717	27.944	28.044	28.157	28.214
60	28.311	28.396	28.558	28.787	28.964	29.098	29.329	29.386	29.471	29.536
70	29.610	29.694	29.900	29.998	30.087	30.314	30.453	30.593	30.774	30.862
80	30.945	31.213	31.421	31.591	31.678	31.740	31.900	32.153	32.252	32.383
90	32.521	32.657	32.725	32.796	32.911	33.103	33.214	33.332	33.562	33.820
100	33.918	34.023	34.147	34.242	34.480	34.577	34.802	34.926	35.013	35.237
110	35.421	35.502	35.610	35.783	36.169	36.326	36.458	36.732	36.822	36.912
120	37.099	37.228	37.312	37.389	37.741	37.943	38.098	38.217	38.290	38.388
130	38.521	38.652	38.743	38.912	39.117	39.242	39.430	39.612	39.726	39.870
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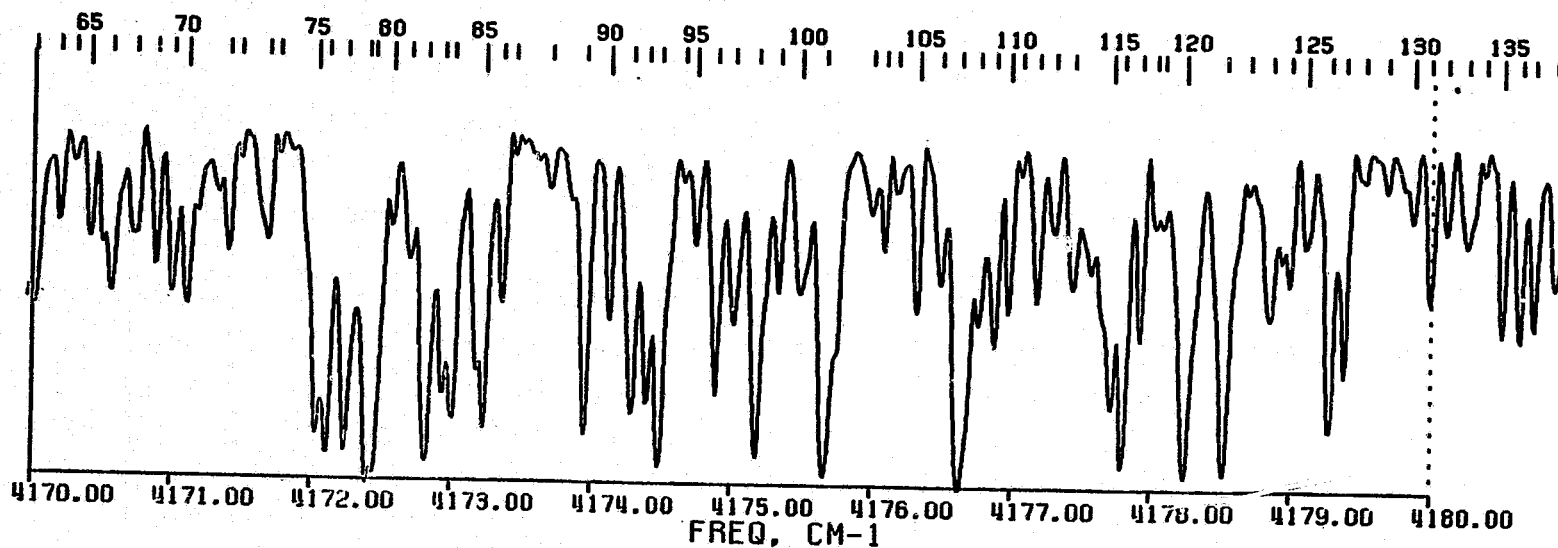
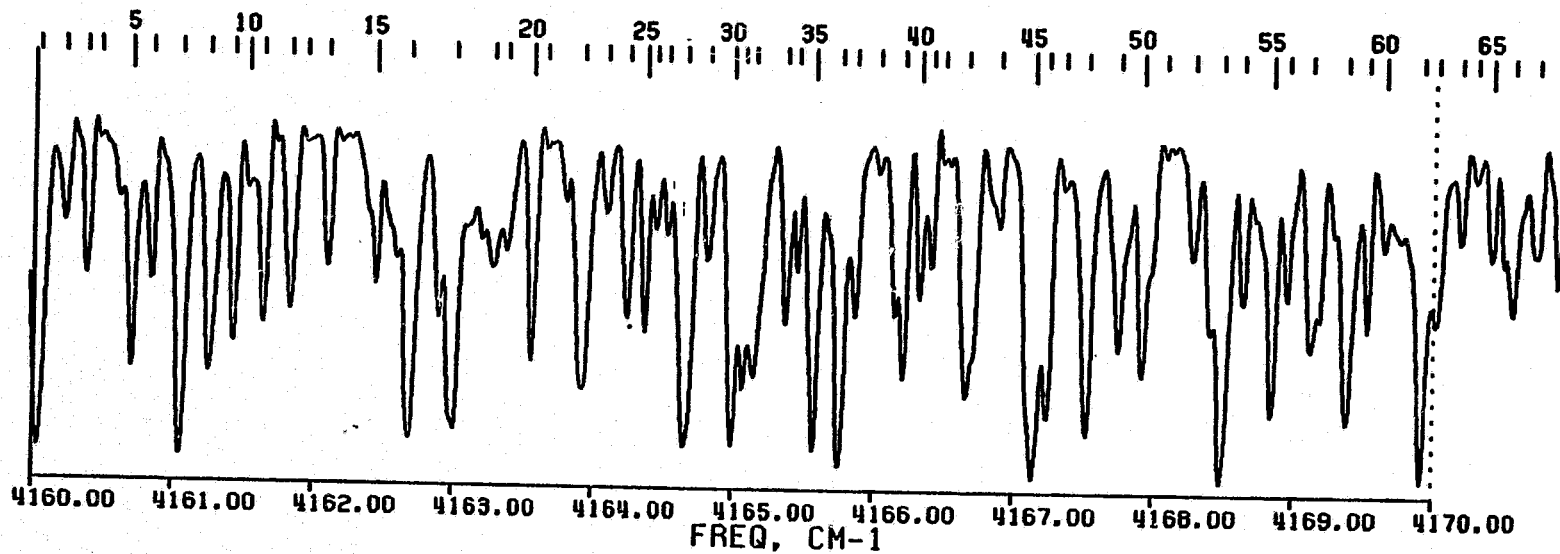


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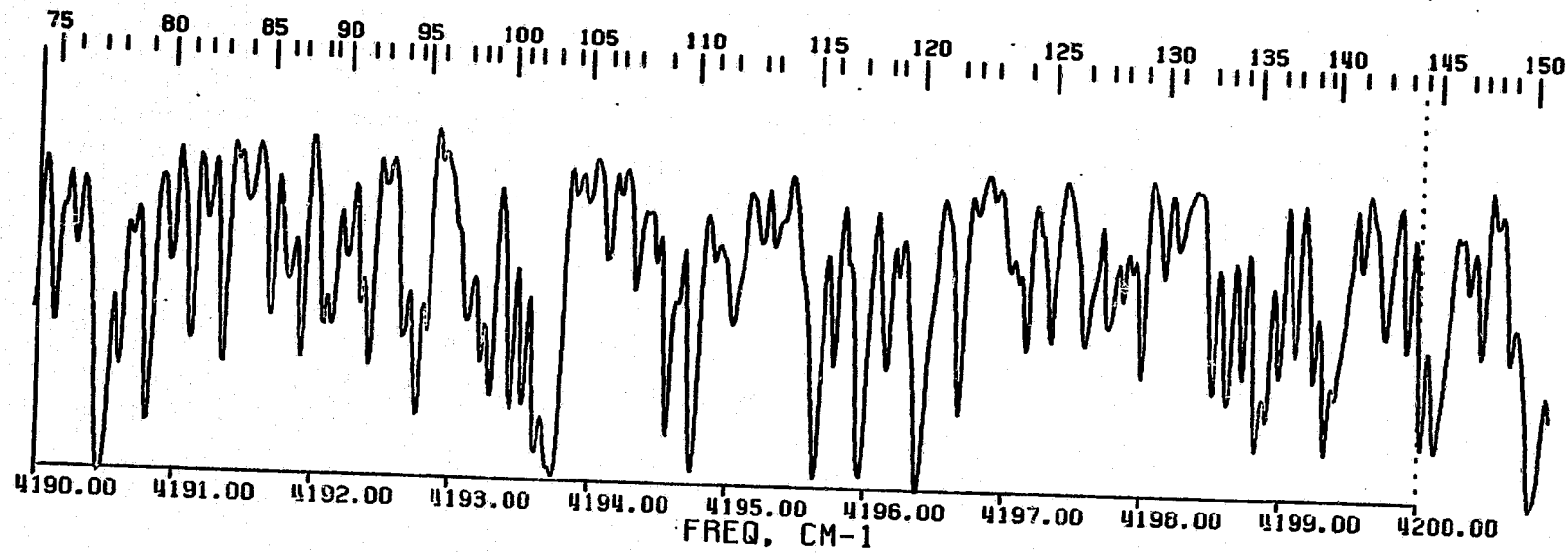
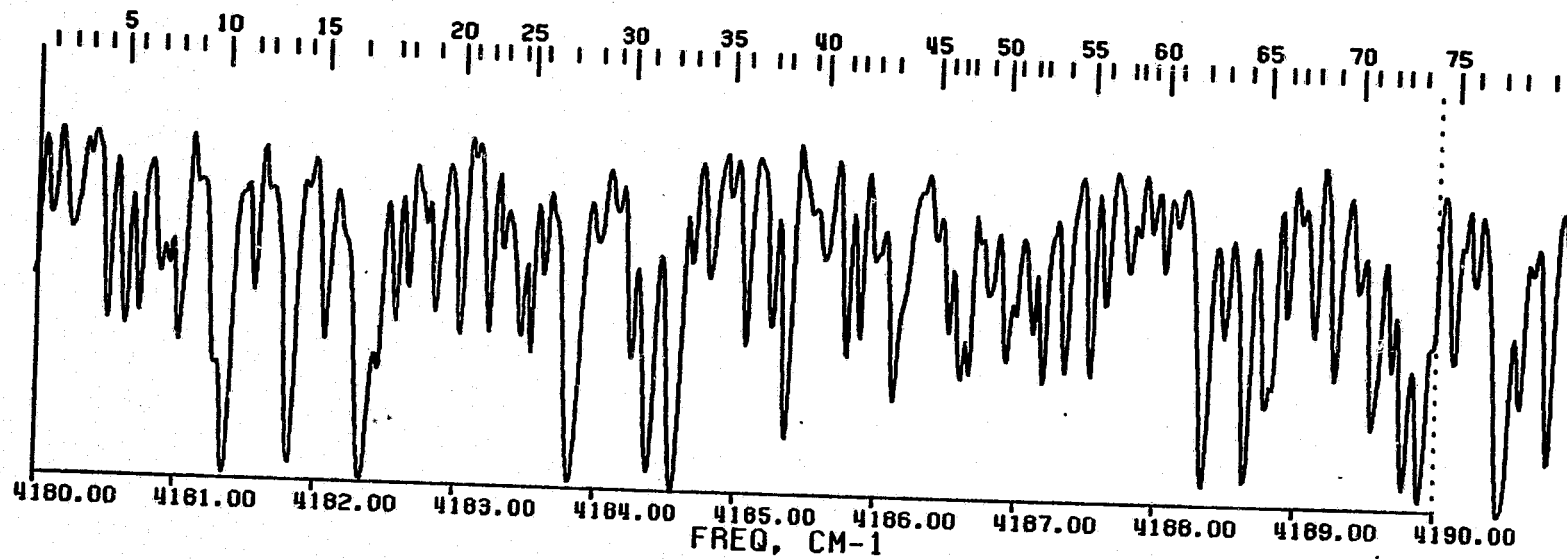


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40	66.333	66.416	66.496	66.666	66.899	67.146	67.242	67.367	67.525	67.751
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70	71.111	71.404	71.488	71.686	71.763	72.037	72.114	72.242	72.401	72.445
80	72.572	72.702	72.820	72.937	73.008	73.232	73.361	73.450	73.704	73.956
90	74.132	74.292	74.402	74.490	74.657	74.745	74.892	75.019	75.184	75.340
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110	76.981	77.064	77.184	77.306	77.440	77.718	77.795	77.921	78.027	78.083
120	78.241	78.522	78.691	78.849	78.988	79.103	79.275	79.380	79.519	79.680
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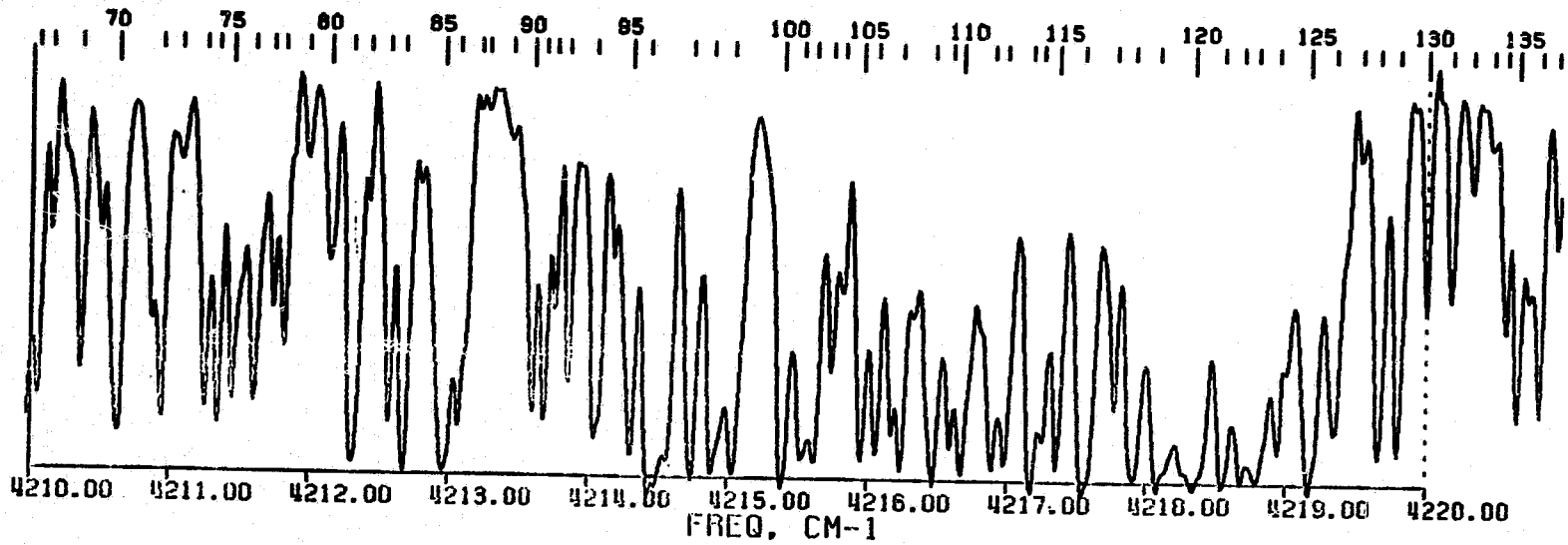
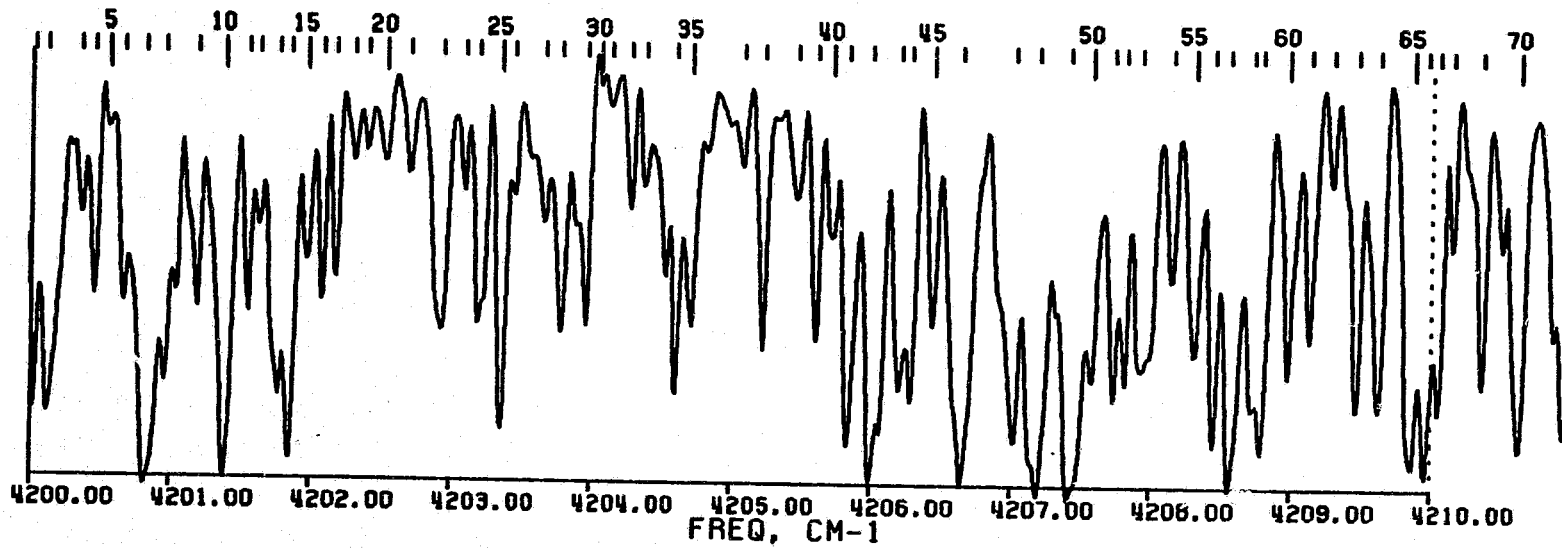


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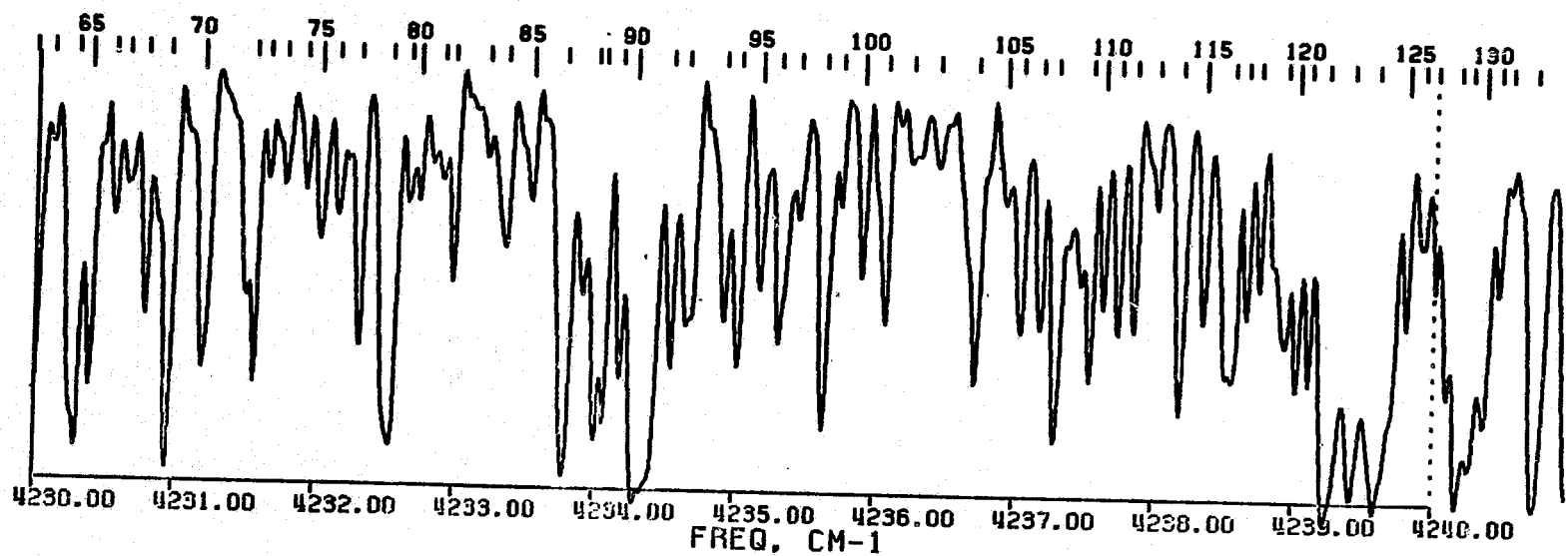
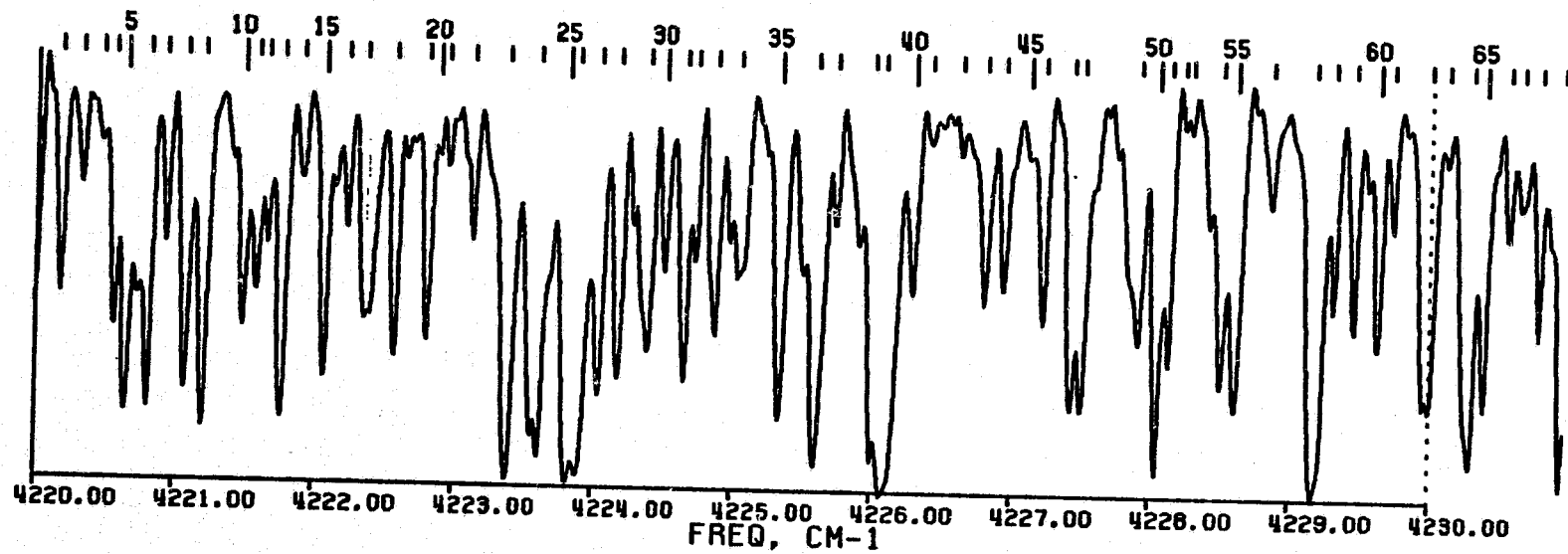
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120	18.338	18.544	18.681	18.788	18.941	19.161	19.347	19.531	19.660	19.797
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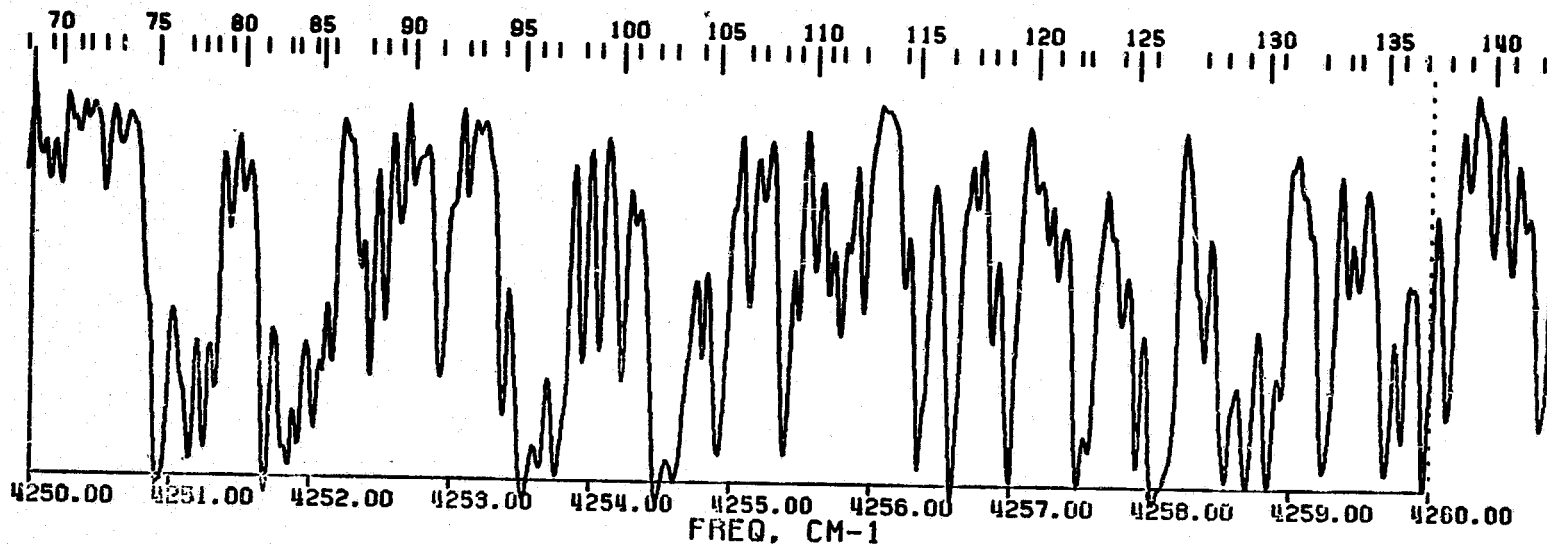
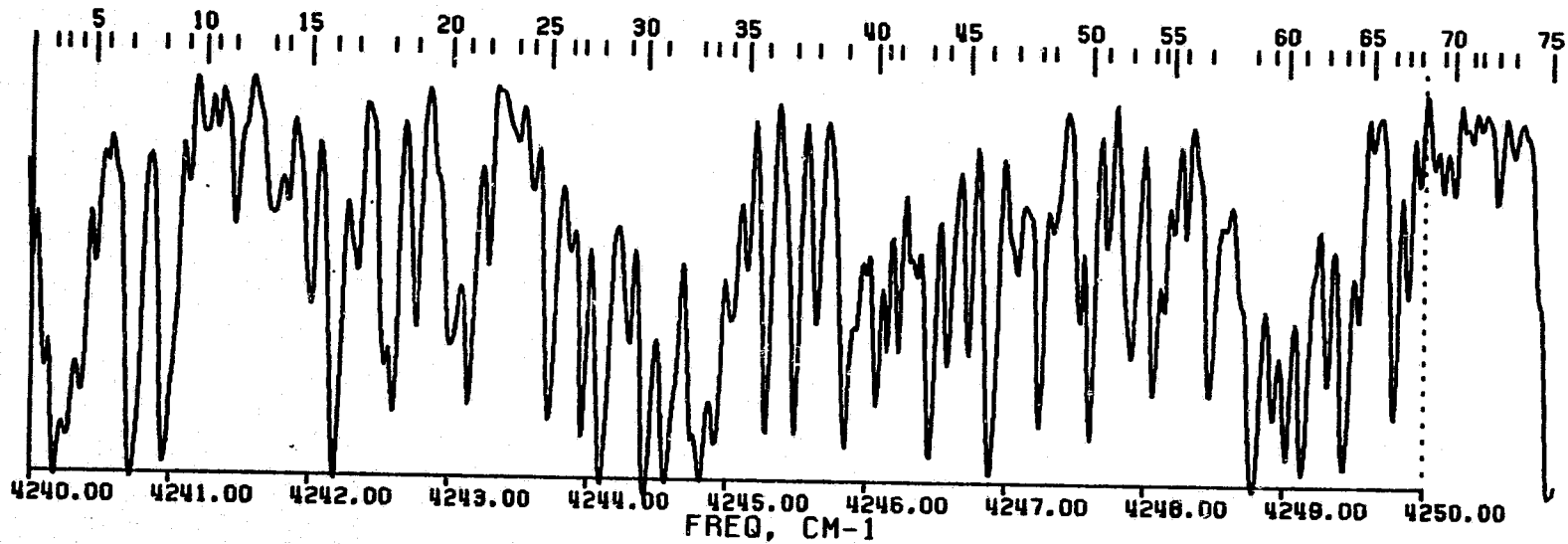
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20	22.889	22.955	23.134	23.388	23.612	23.822	23.893	24.045	24.185	24.397
30	24.515	24.661	24.735	24.879	25.044	25.342	25.599	25.738	26.006	26.078
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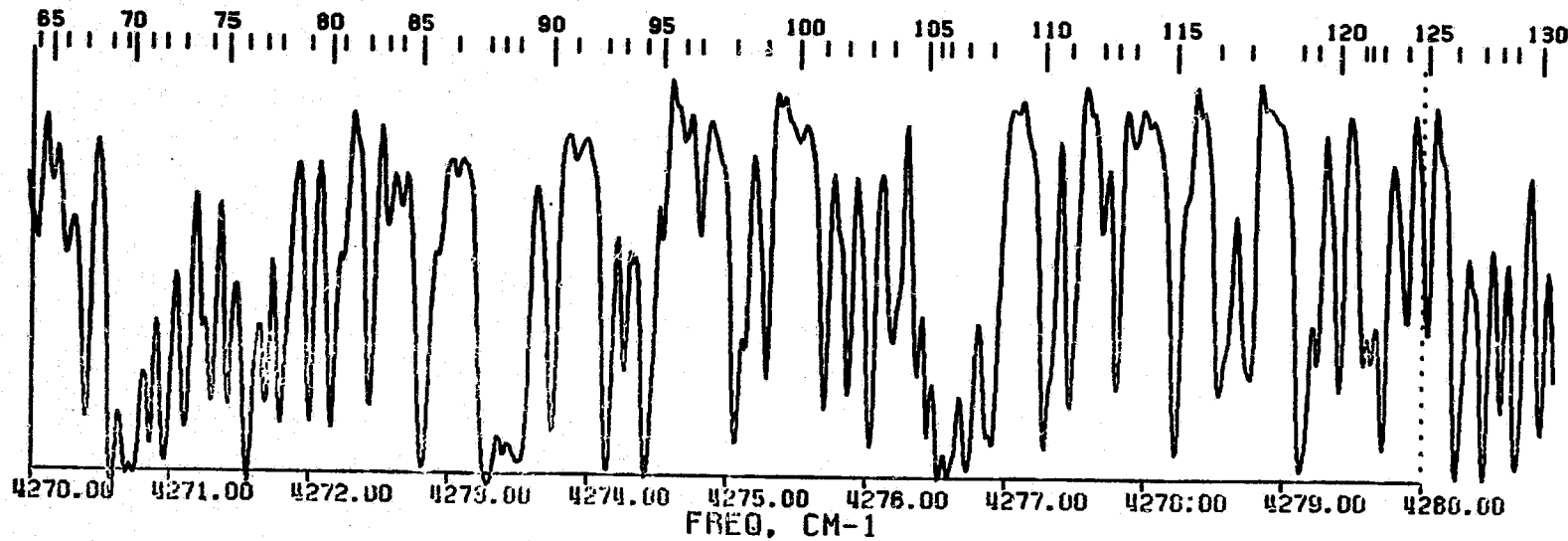
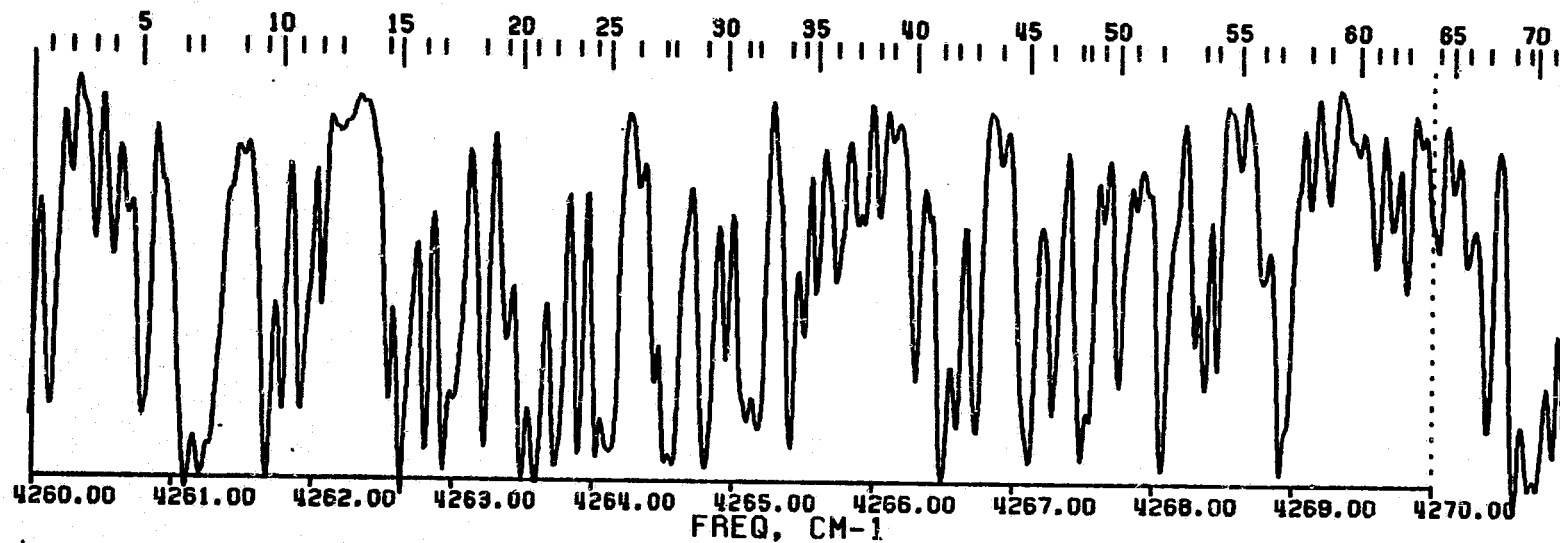


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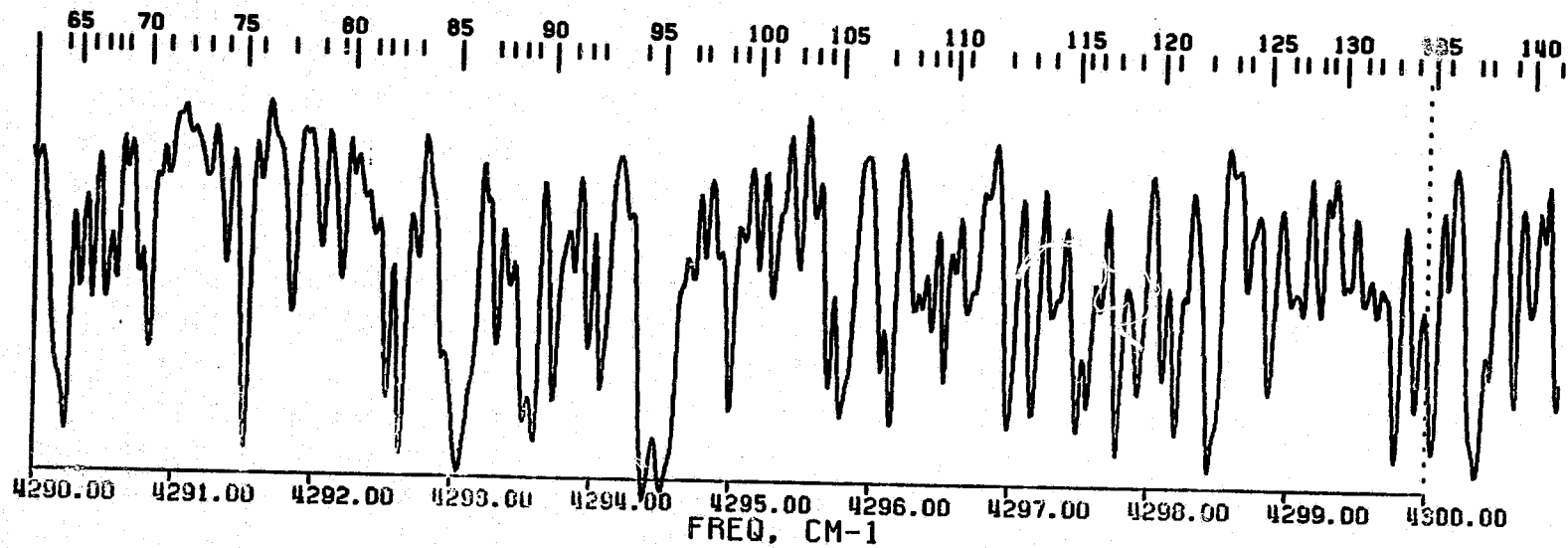
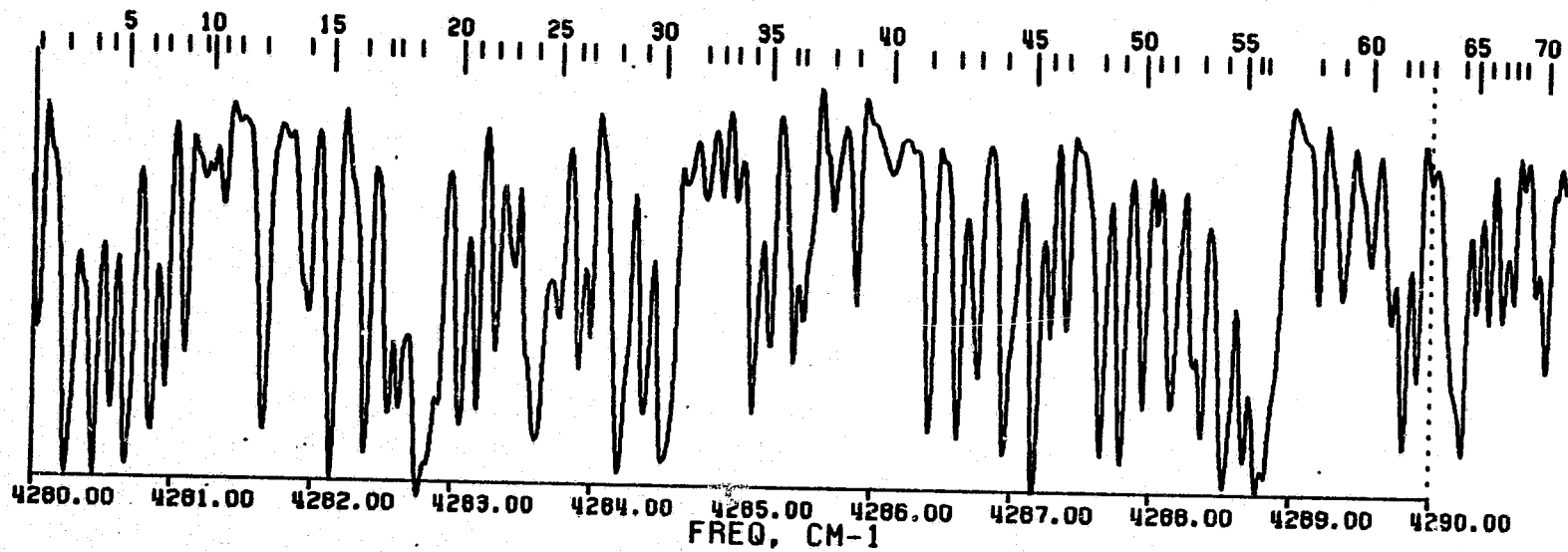
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30	44.419	44.565	44.819	44.922	45.033	45.149	45.285	45.393	45.647	45.853
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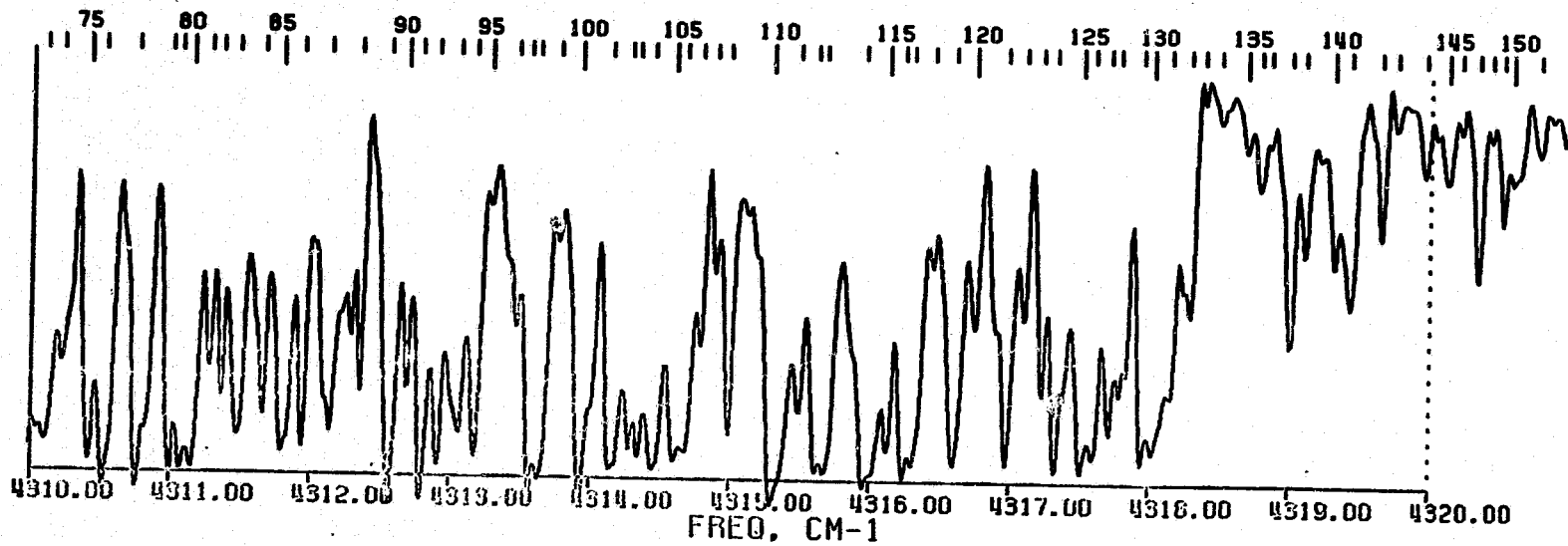
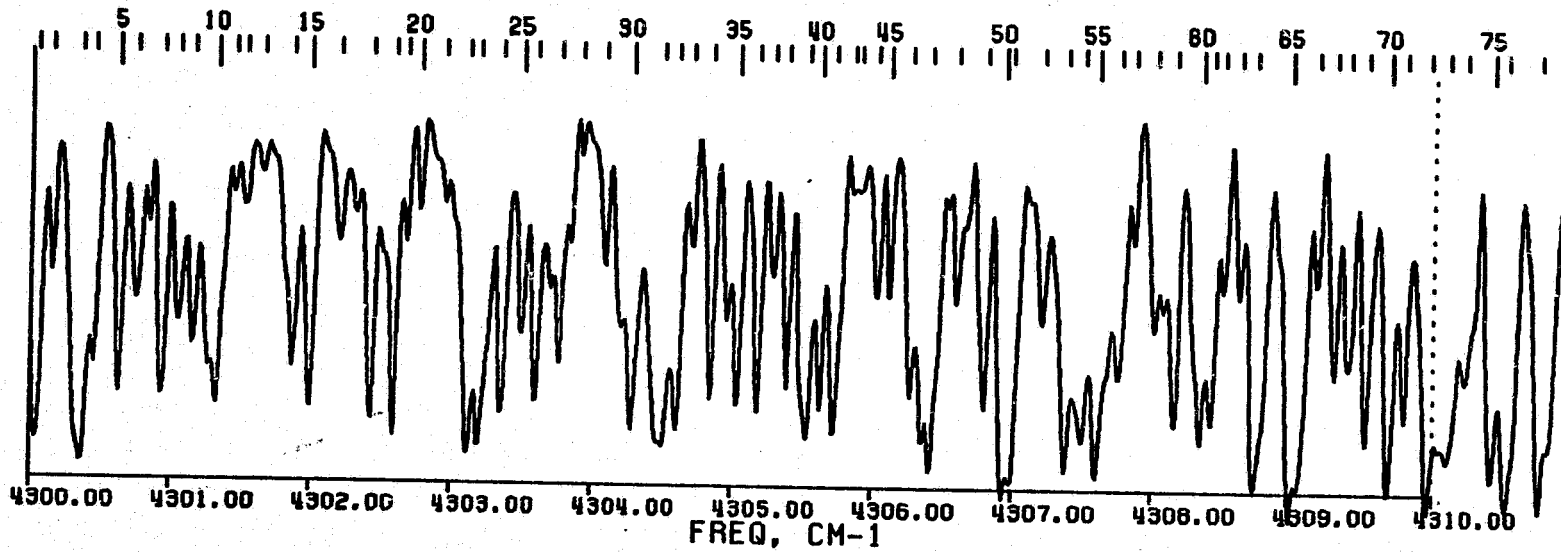
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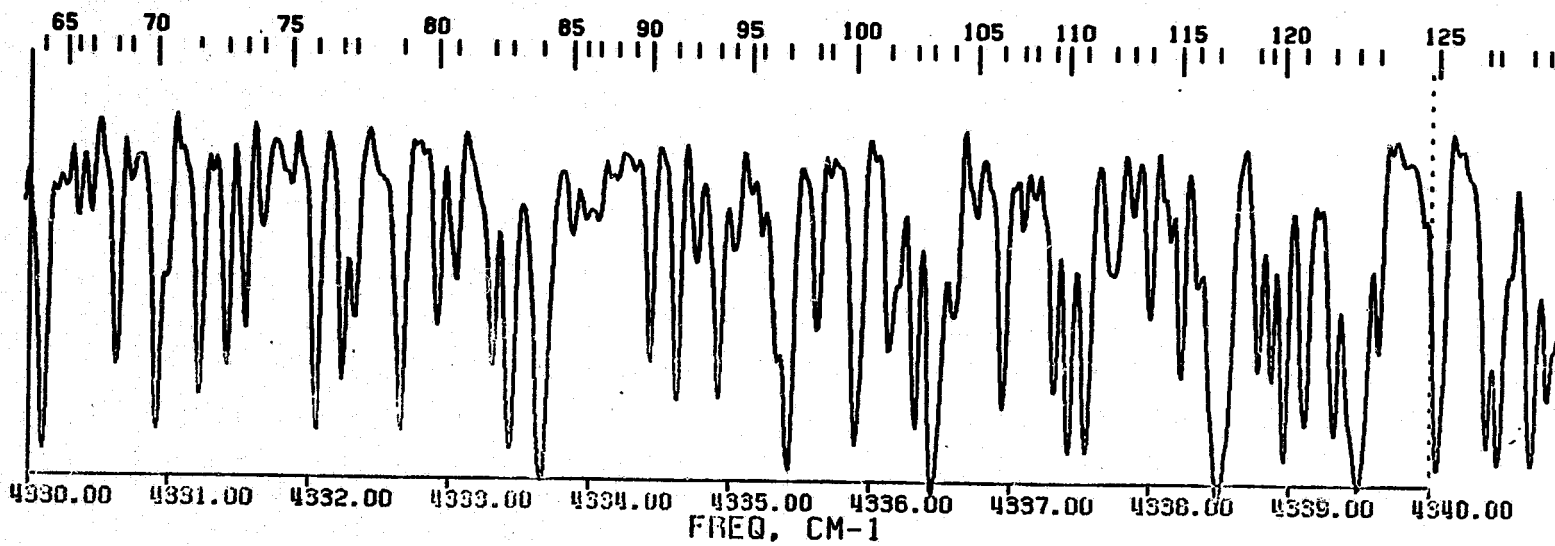
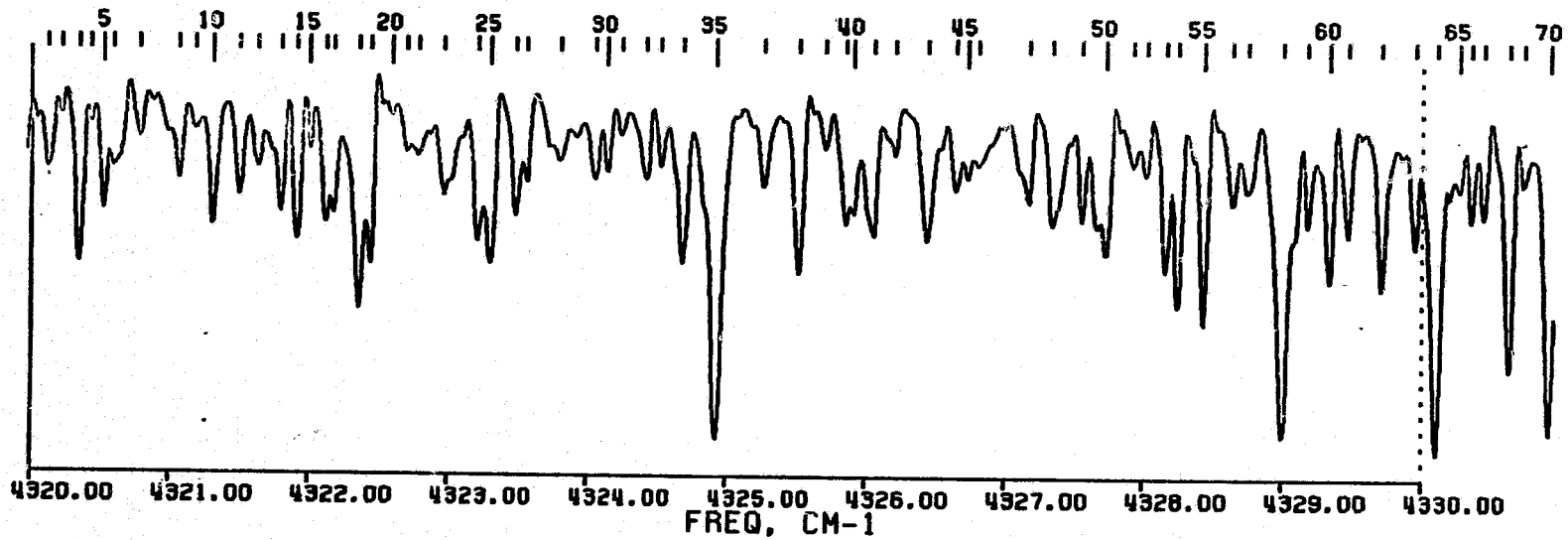


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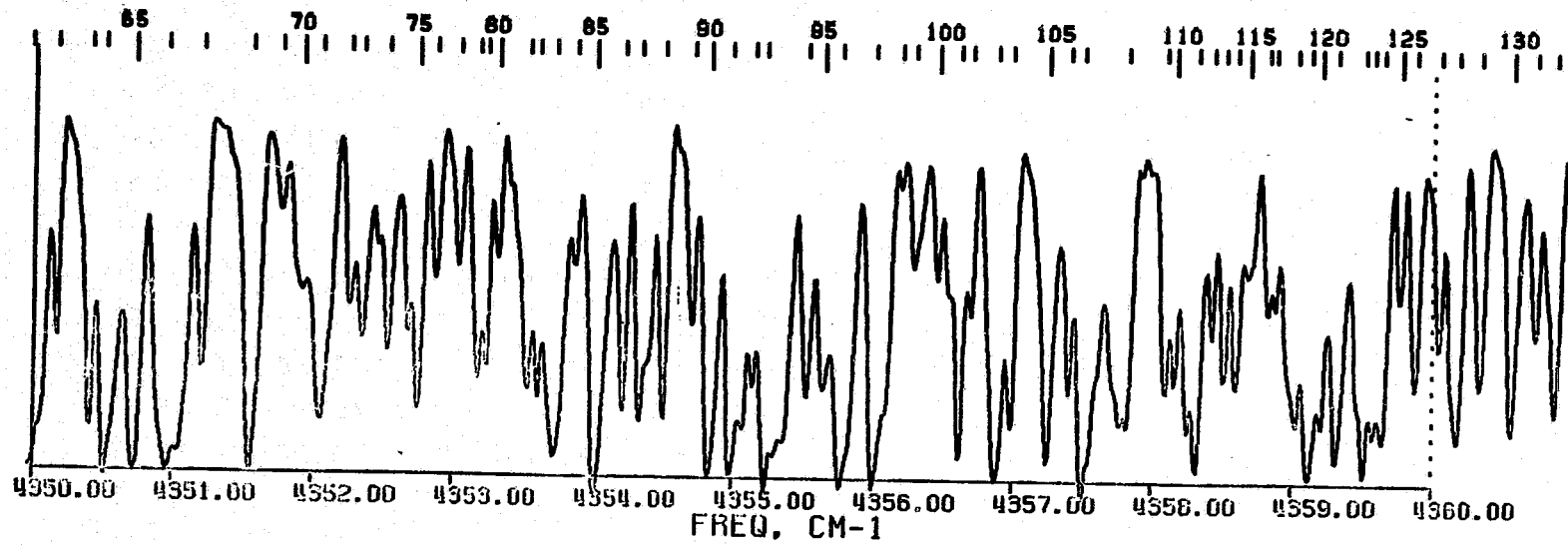
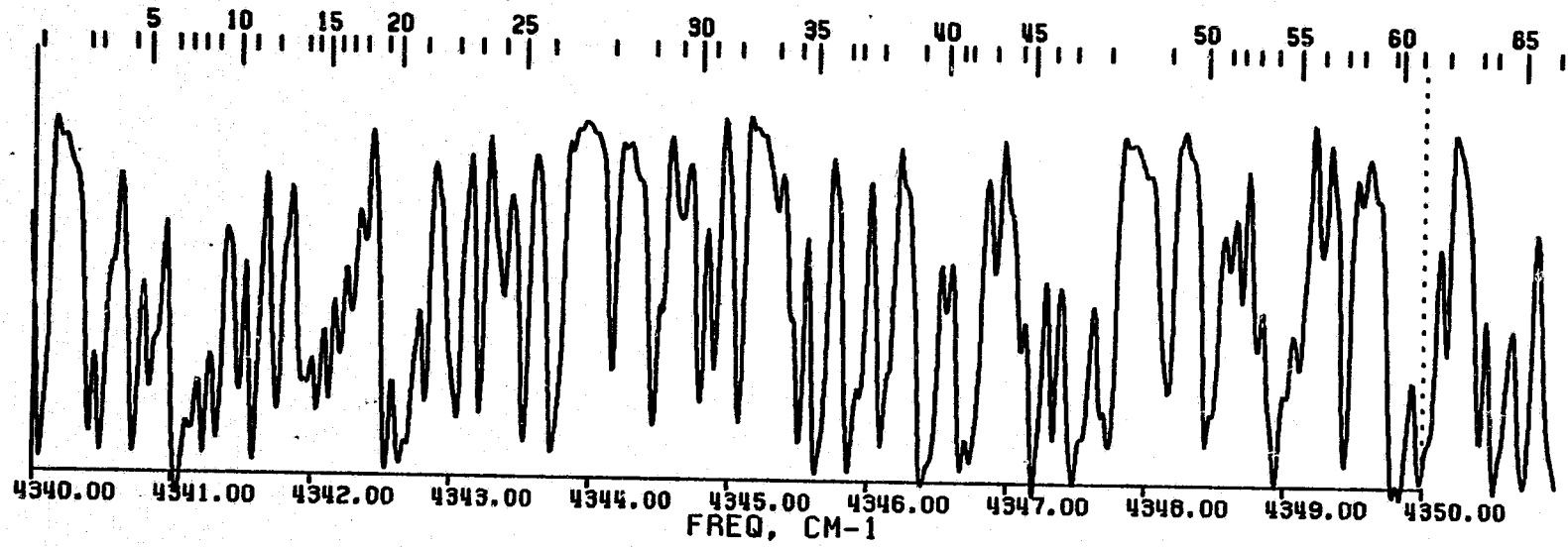
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20	22.595	22.702	22.782	22.967	23.209	23.303	23.482	23.561	23.803	24.056
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40	25.911	26.056	26.211	26.442	26.647	26.730	26.806	27.170	27.341	27.553
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90	34.439	34.628	34.769	34.926	35.040	35.156	35.231	35.424	35.630	35.715
100	35.899	36.143	36.330	36.449	36.599	36.762	36.952	37.095	37.179	37.318
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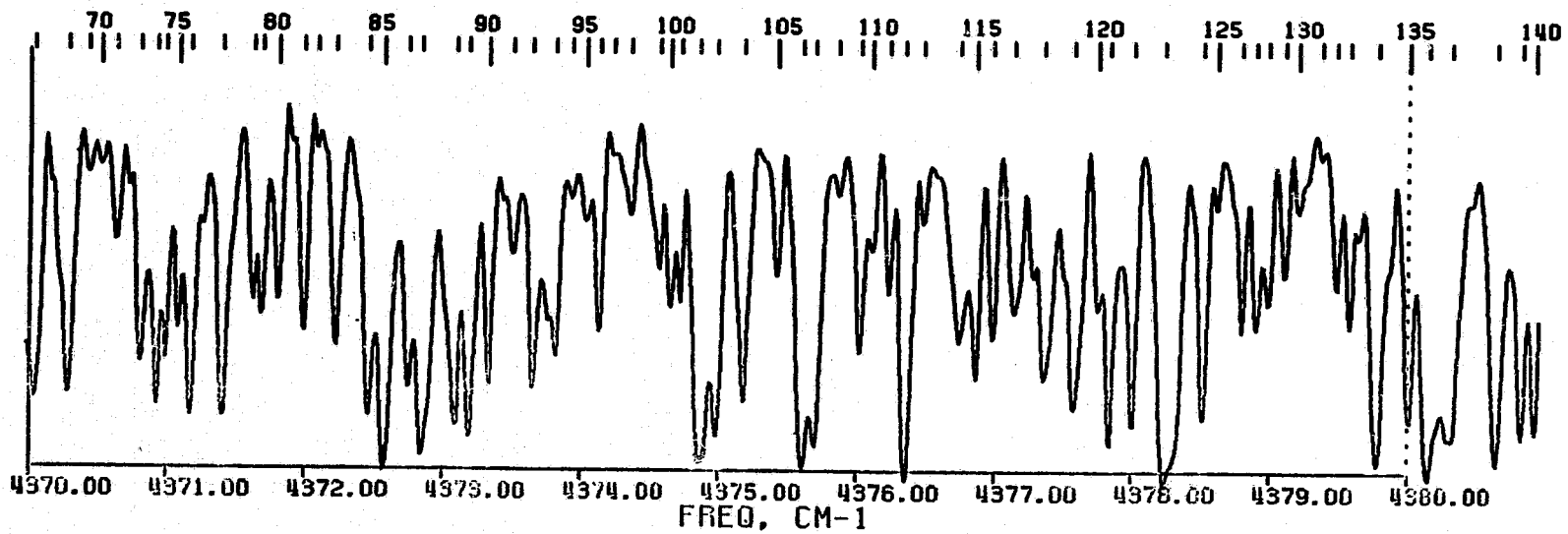
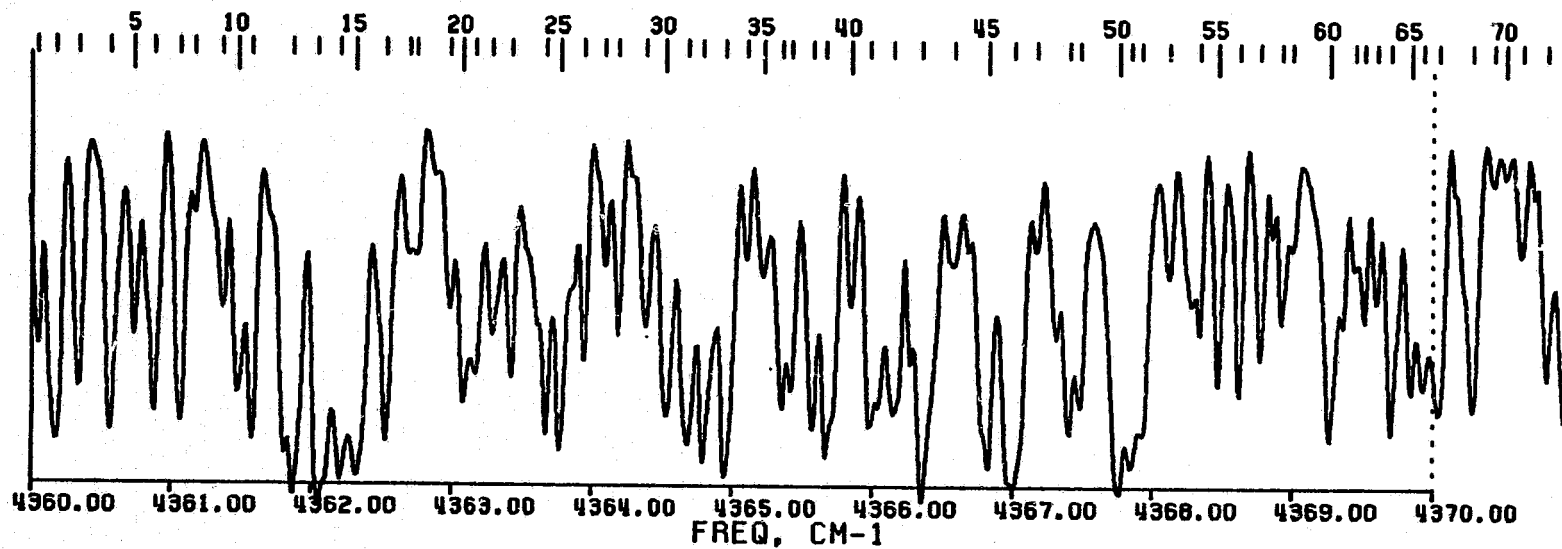


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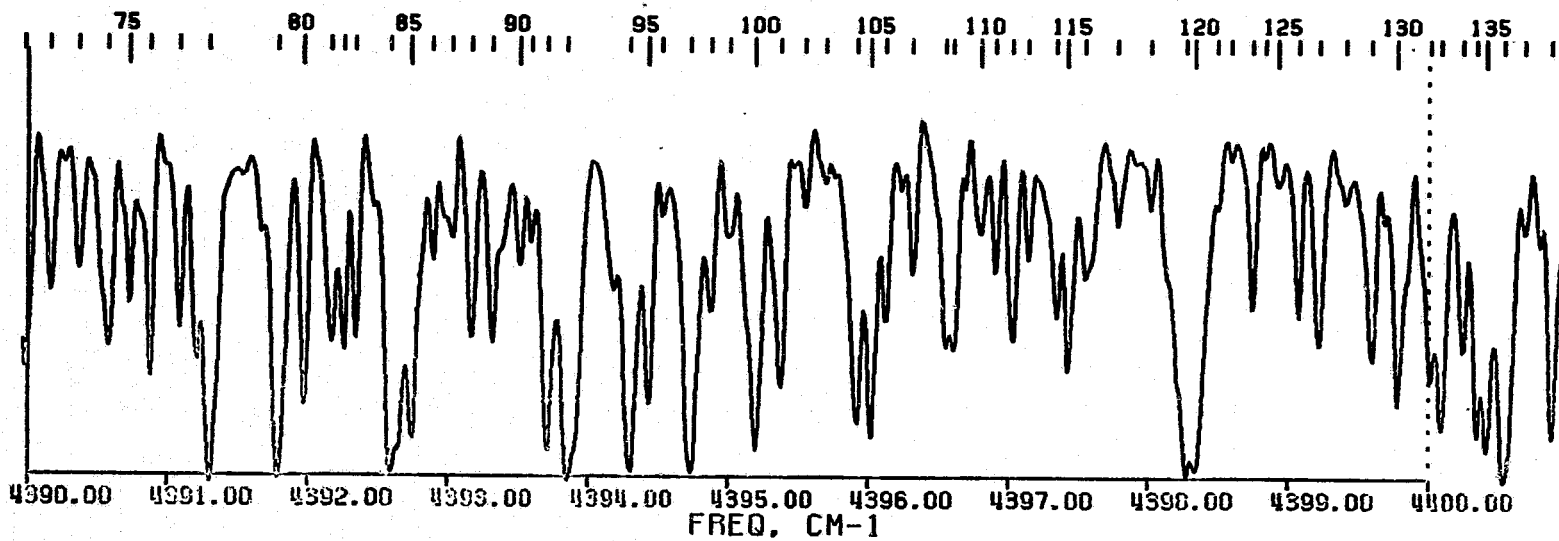
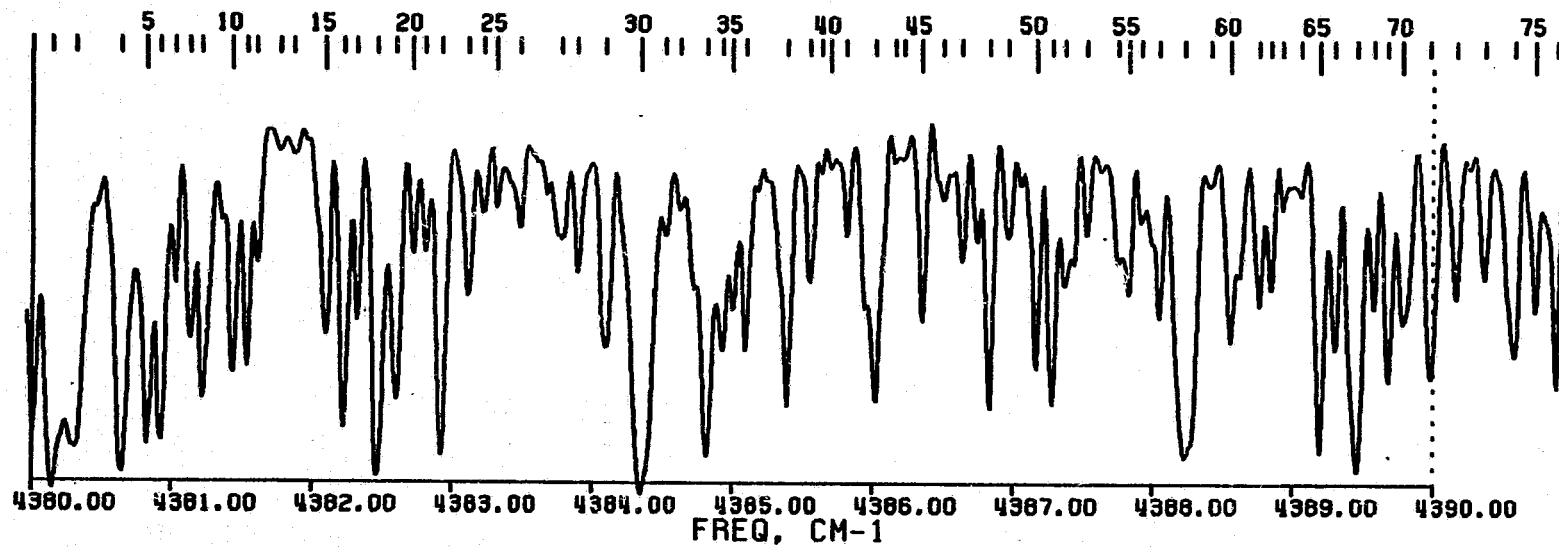


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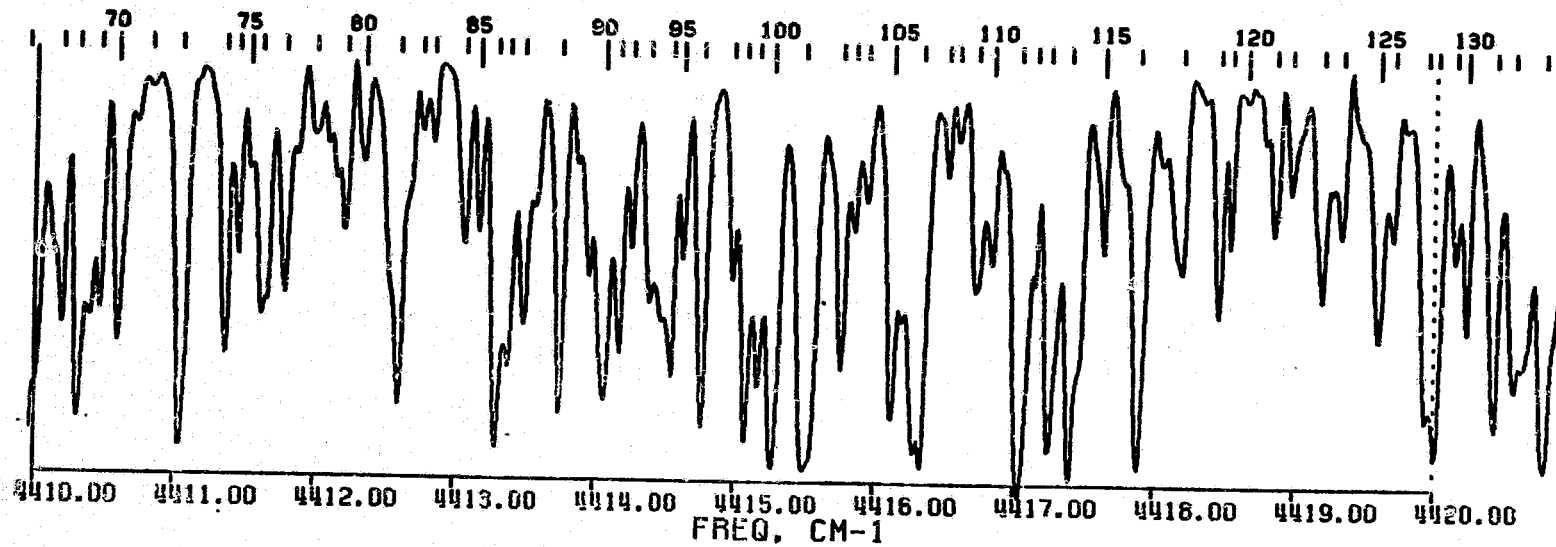
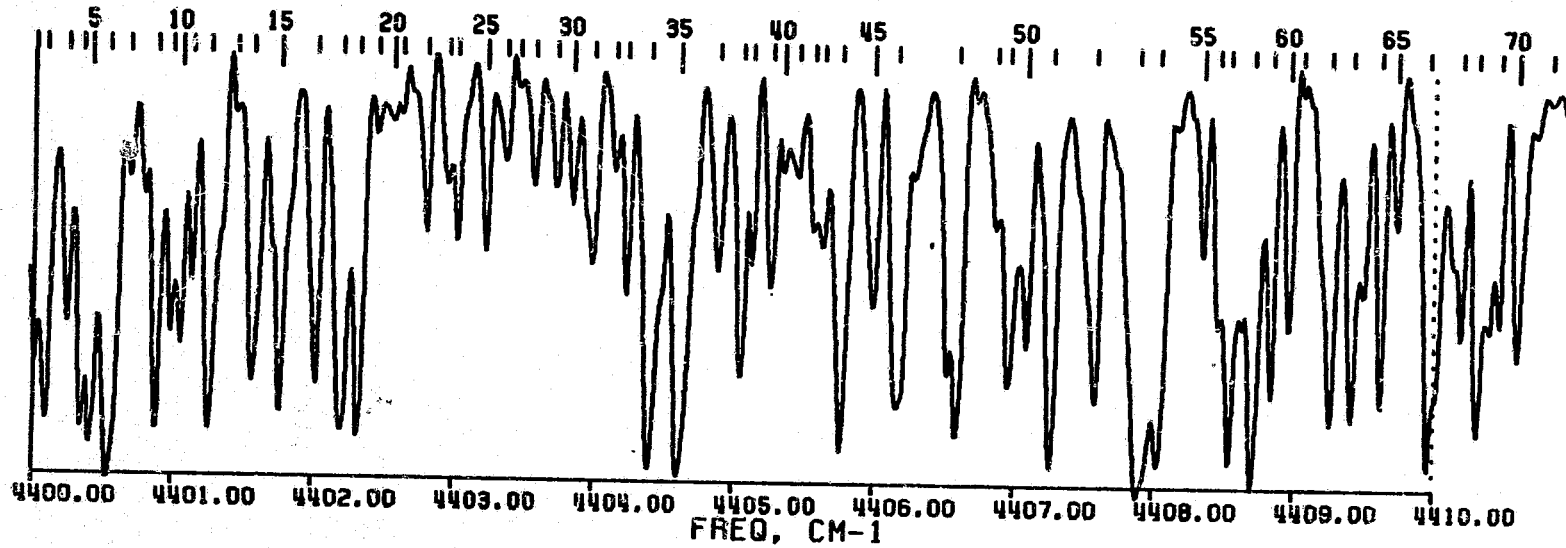
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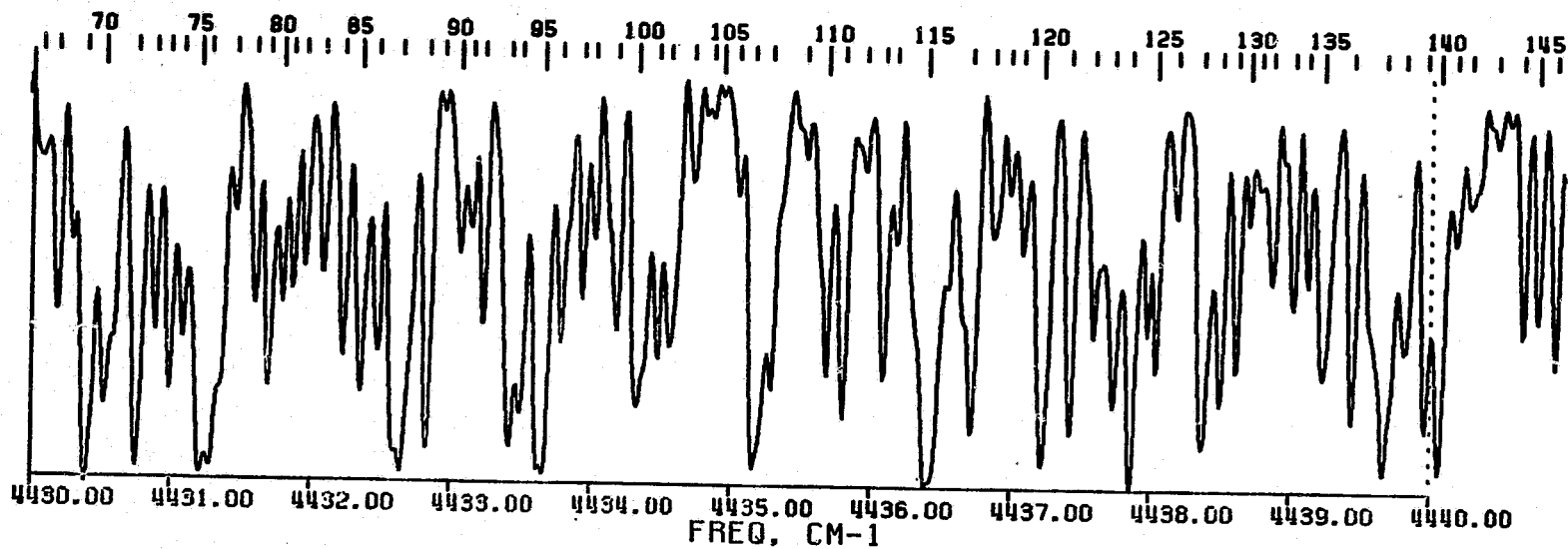
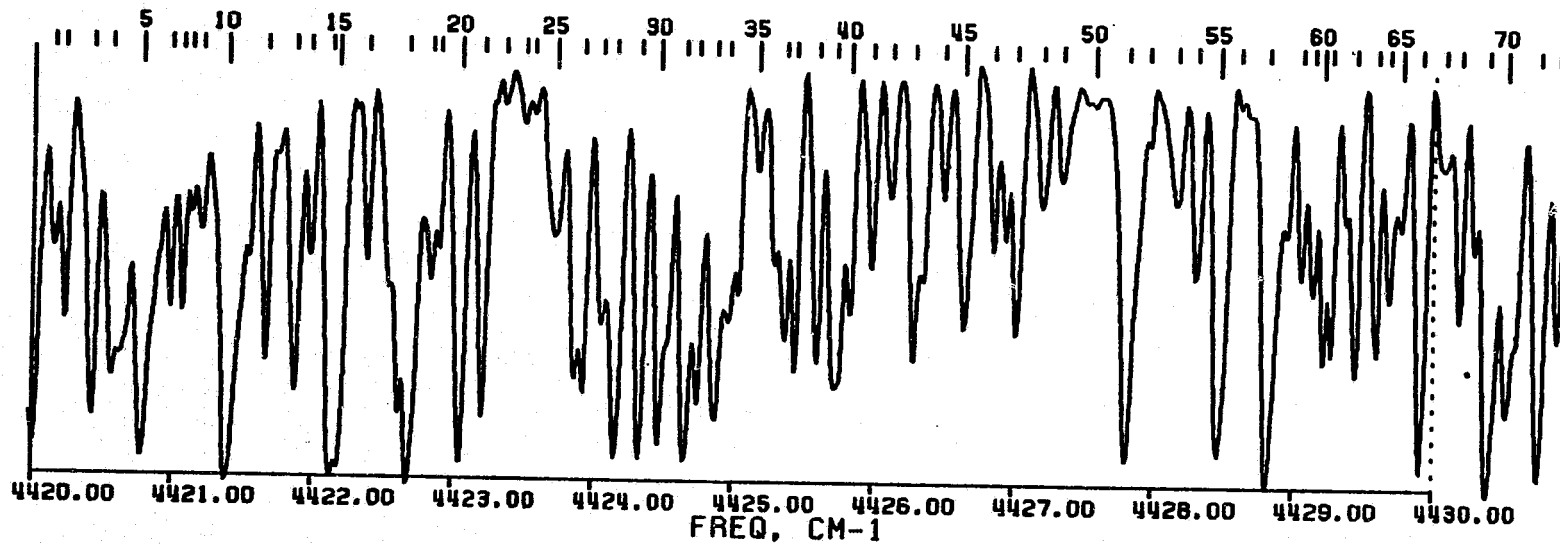
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50	7.092	7.268	7.582	7.888	8.033	8.349	8.461	8.542	8.705	8.838
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70	10.595	10.836	11.043	11.363	11.457	11.542	11.623	11.790	12.004	12.220
80	12.952	12.604	12.764	12.846	13.074	13.176	13.299	13.384	13.495	13.754
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100	15.274	15.500	15.767	15.857	15.947	16.127	16.337	16.522	16.600	16.730
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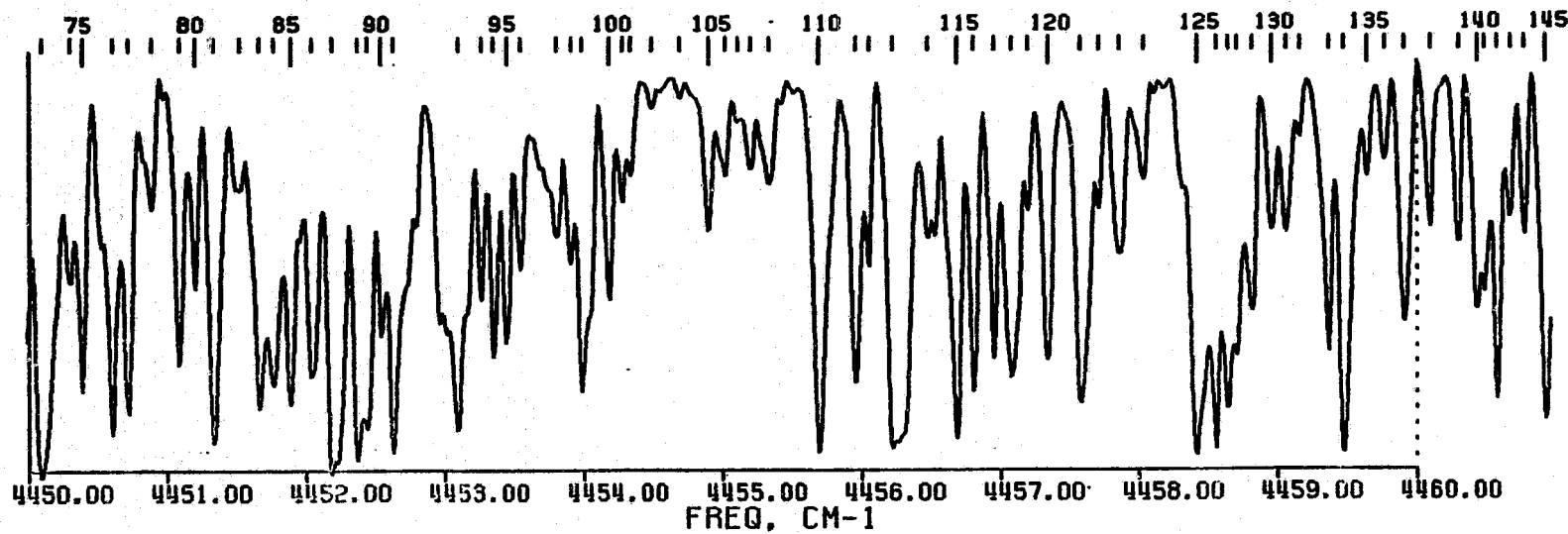
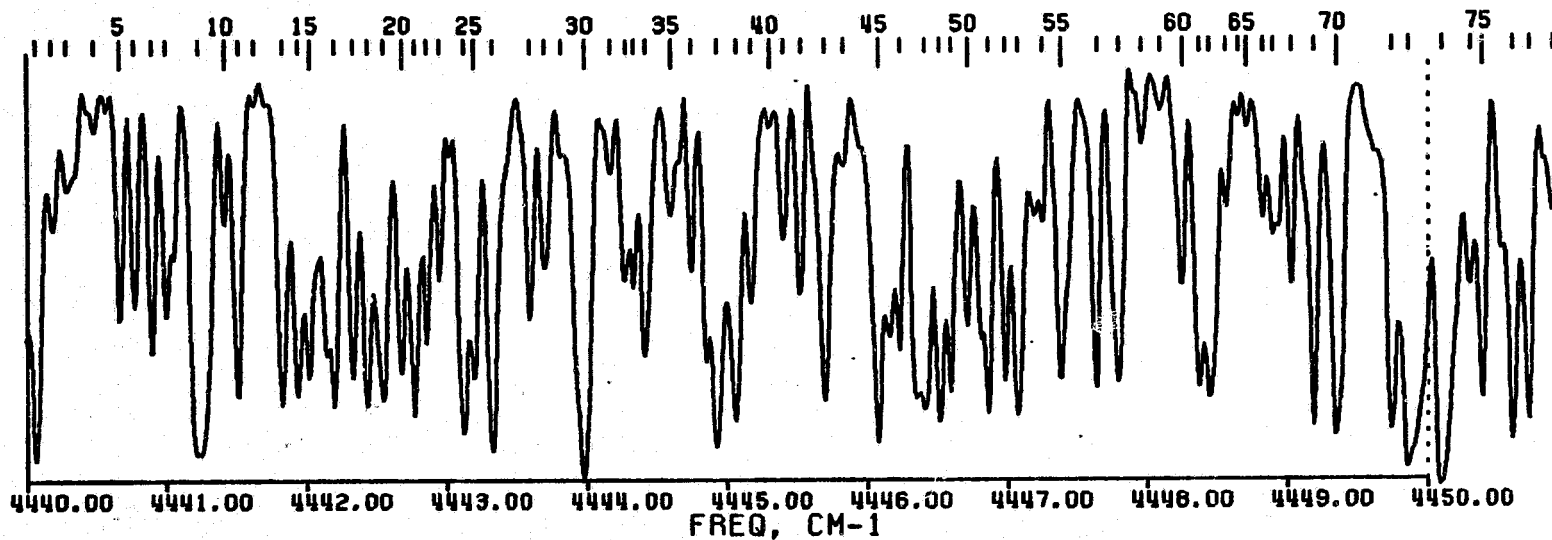
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10	21.388	21.669	21.876	21.984	22.136	22.183	22.390	22.682	22.849	22.906
20	23.057	23.215	23.372	23.510	23.577	23.736	23.933	24.066	24.165	24.339
30	24.479	24.663	24.753	24.878	24.969	25.176	25.376	25.446	25.602	25.733
40	25.838	25.991	26.126	26.291	26.502	26.652	26.859	27.023	27.209	27.349
50	27.582	27.813	27.968	28.168	28.308	28.465	28.615	28.815	29.055	29.139
60	29.213	29.269	29.444	29.591	29.682	29.769	29.908	30.076	30.188	30.390
70	30.523	30.752	30.885	30.988	31.082	31.209	31.279	31.457	31.601	31.695
80	31.798	31.870	31.956	32.087	32.228	32.353	32.477	32.642	32.829	32.945
90	33.086	33.145	33.231	33.423	33.498	33.681	33.788	33.940	34.025	34.184
100	34.330	34.479	34.565	34.732	34.870	34.938	35.054	35.165	35.292	35.536
110	35.686	35.805	35.958	36.090	36.182	36.399	36.722	36.878	36.991	37.086
120	37.230	37.428	37.592	37.737	37.861	38.040	38.184	38.373	38.501	38.614
130	38.703	38.784	38.869	39.020	39.120	39.230	39.440	39.668	39.815	39.964
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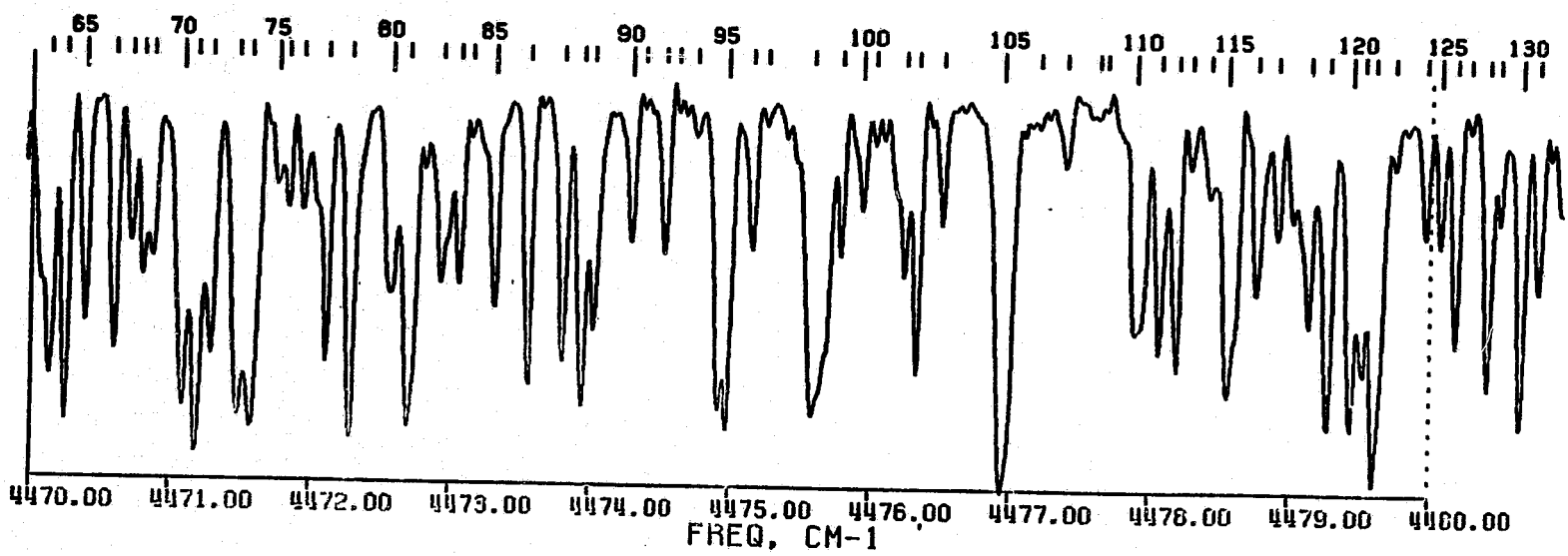
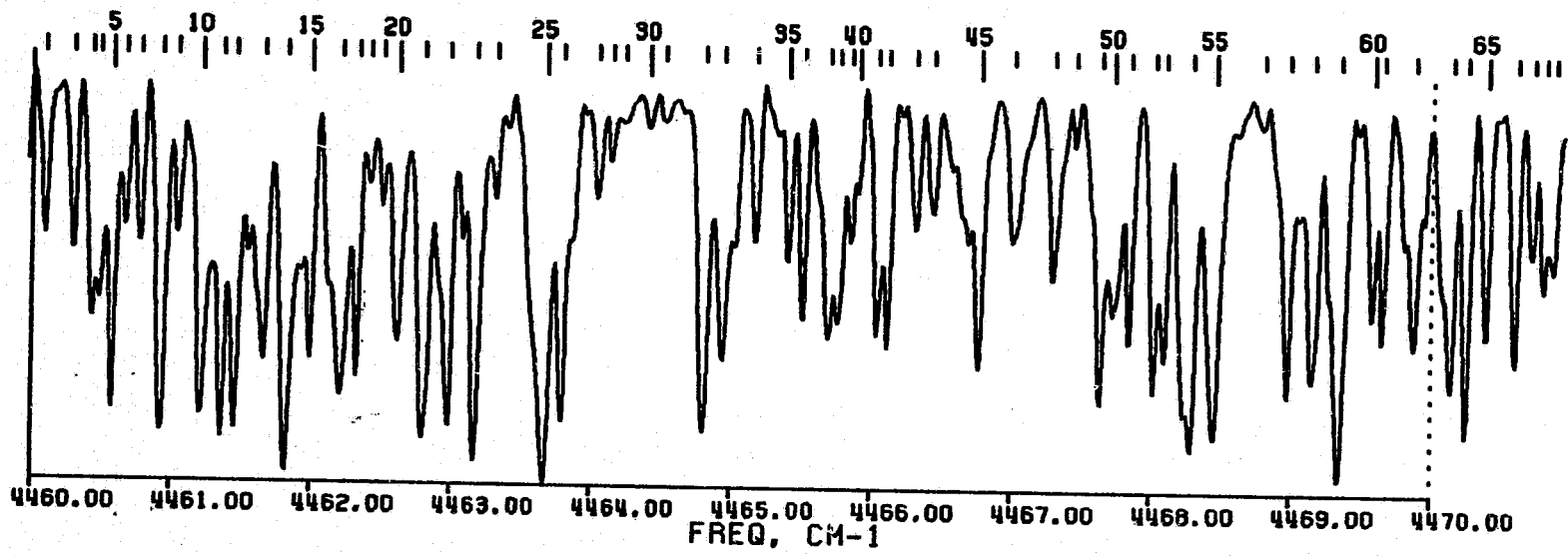


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20	42.677	42.770	42.859	42.948	43.121	43.194	43.327	43.592	43.697	43.814
30	43.979	44.166	44.271	44.333	44.415	44.596	44.745	44.929	45.065	45.174
40	45.302	45.401	45.524	45.699	45.829	46.082	46.232	46.414	46.519	46.596
50	46.715	46.865	46.987	47.078	47.251	47.383	47.637	47.795	47.957	48.094
60	48.247	48.370	48.444	48.561	48.645	48.709	48.825	48.896	49.030	49.189
70	49.350	49.742	49.861	50.095	50.298	50.389	50.605	50.720	50.888	51.088
80	51.203	51.338	51.524	51.667	51.768	51.891	52.043	52.187	52.369	52.438
90	52.542	52.628	53.096	53.263	53.354	53.446	53.546	53.808	53.908	53.988
100	54.185	54.279	54.339	54.492	54.698	54.904	55.025	55.115	55.207	55.341
110	55.698	55.961	56.055	56.228	56.482	56.690	56.812	56.958	57.085	57.203
120	57.344	57.581	57.712	57.861	58.033	58.416	58.556	58.643	58.704	58.815
130	58.959	59.060	59.159	59.368	59.477	59.644	59.769	59.910	60.095	60.300
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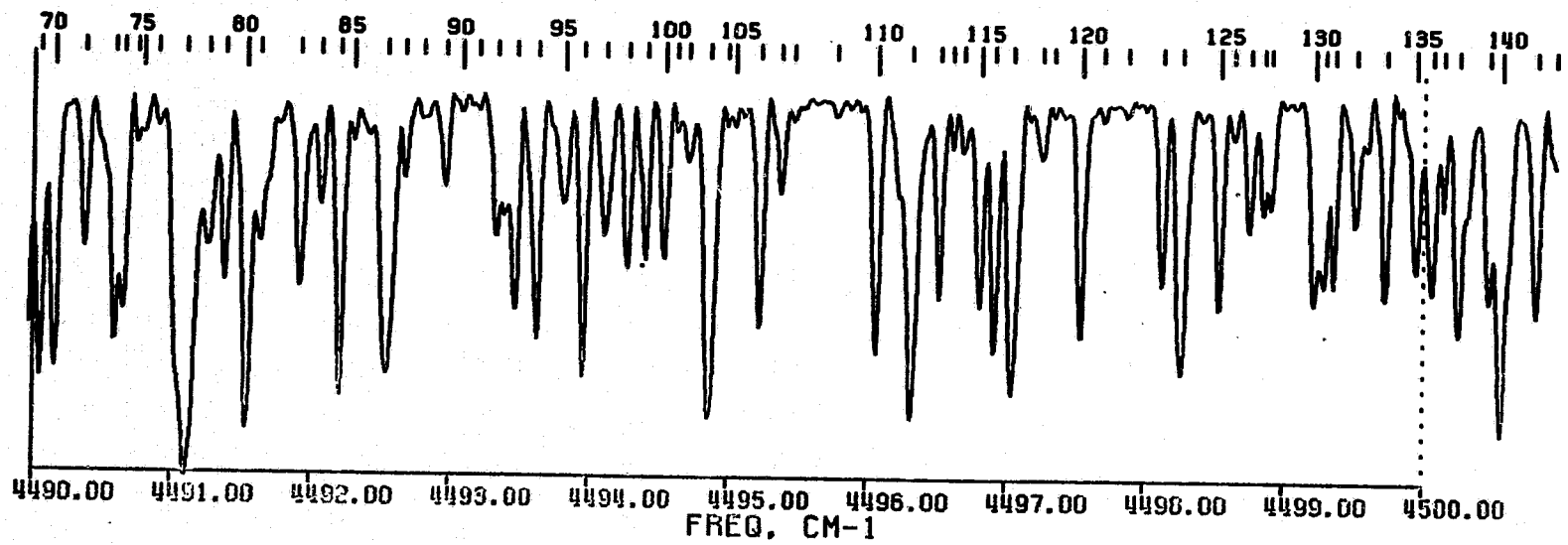
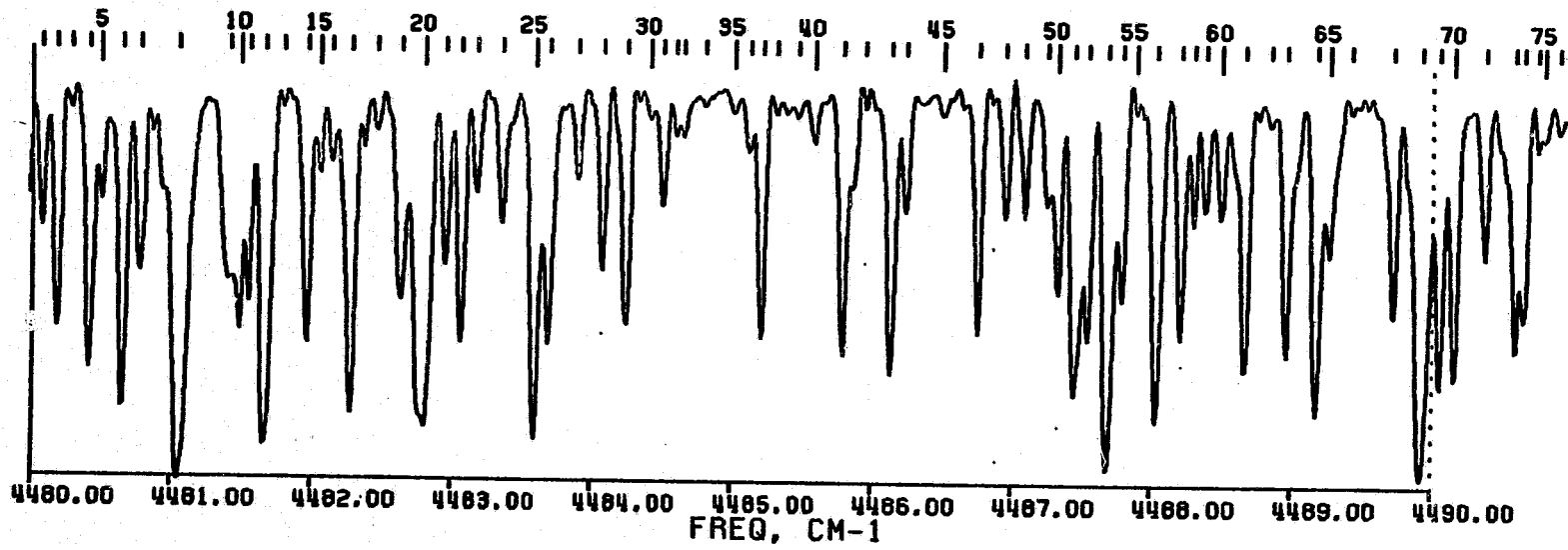


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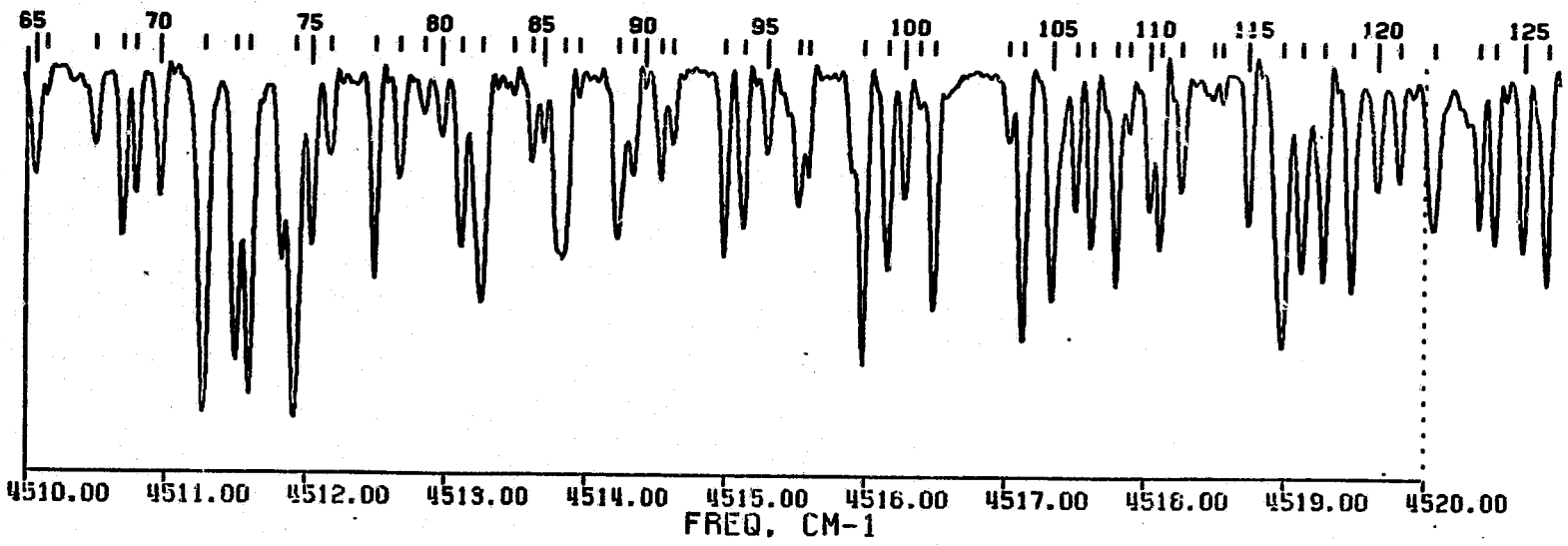
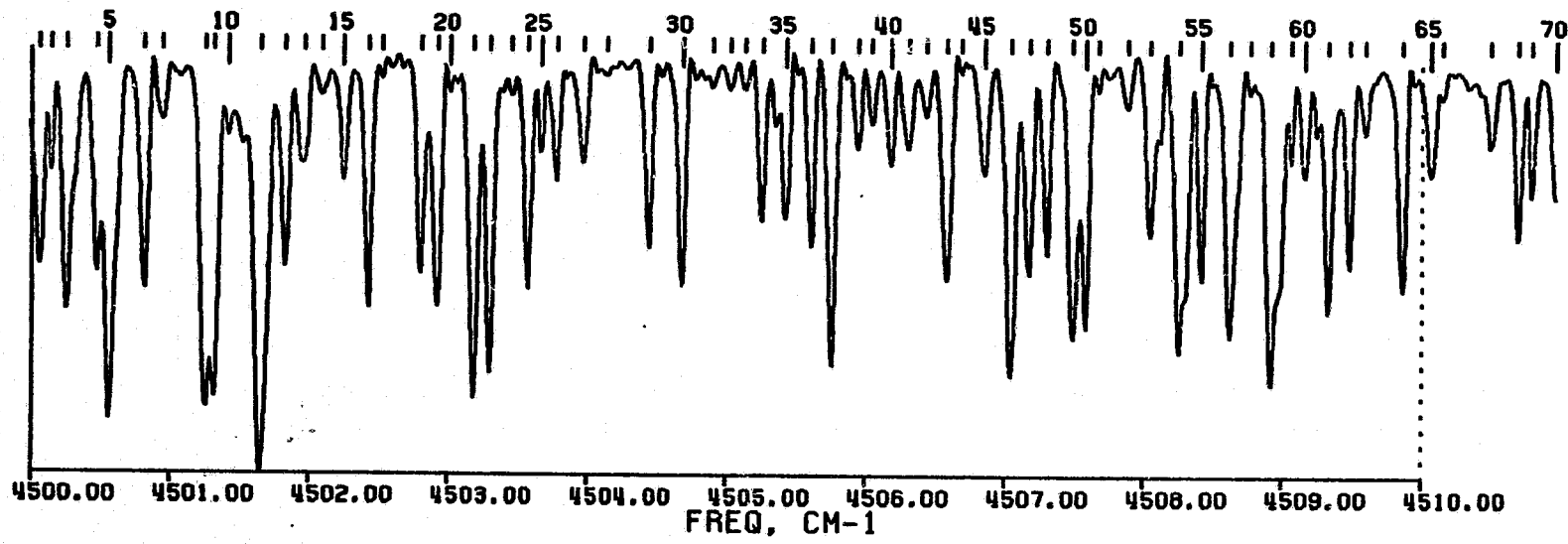
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20	82.806	82.952	83.065	83.173	83.356	83.594	83.692	83.900	84.078	84.247
30	84.415	84.506	84.600	84.653	84.806	85.014	85.125	85.217	85.316	85.470
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50	87.332	87.448	87.544	87.687	87.787	87.885	88.034	88.208	88.298	88.381
60	88.493	88.665	88.844	88.960	89.173	89.264	89.420	89.720	89.923	90.053
70	90.159	90.377	90.593	90.653	90.751	90.798	90.906	91.107	91.266	91.385
80	91.540	91.640	91.924	92.073	92.214	92.308	92.546	92.674	92.802	92.966
90	93.085	93.206	93.336	93.473	93.629	93.825	93.964	94.119	94.282	94.414
100	94.547	94.636	94.718	94.869	94.995	95.048	95.232	95.382	95.473	95.782
110	96.071	96.324	96.524	96.616	96.691	96.815	96.918	97.044	97.258	97.343
120	97.544	97.702	97.874	98.124	98.265	98.537	98.636	98.752	98.851	98.903
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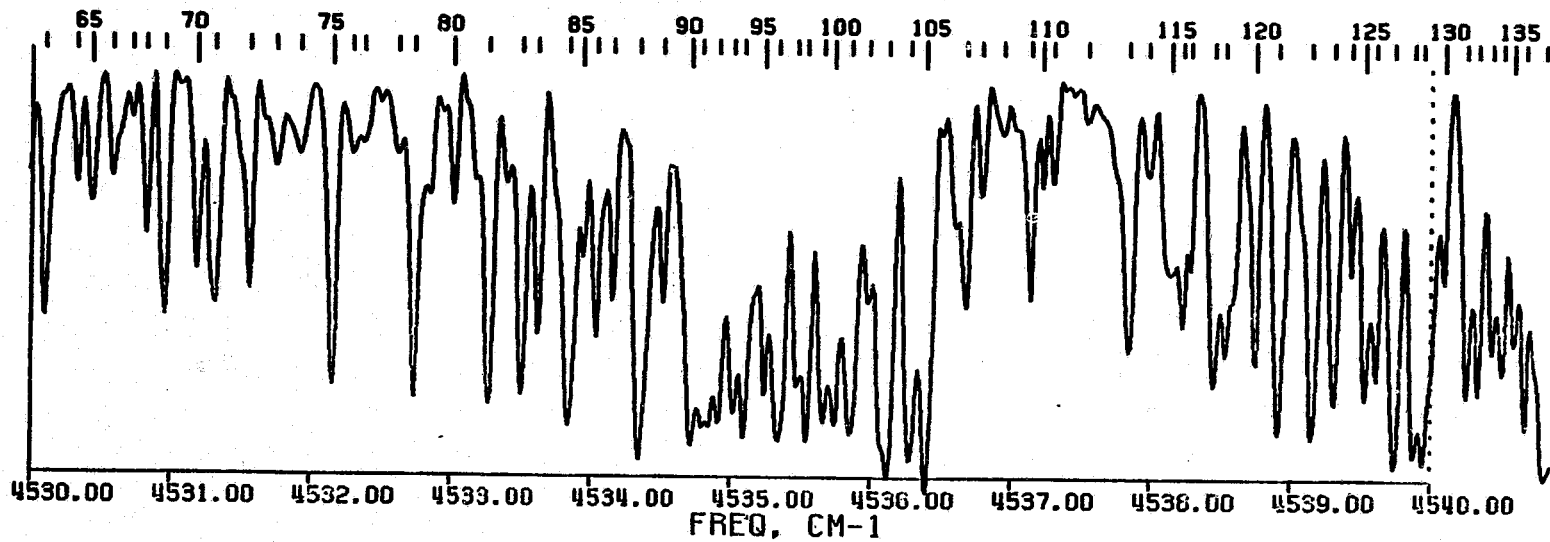
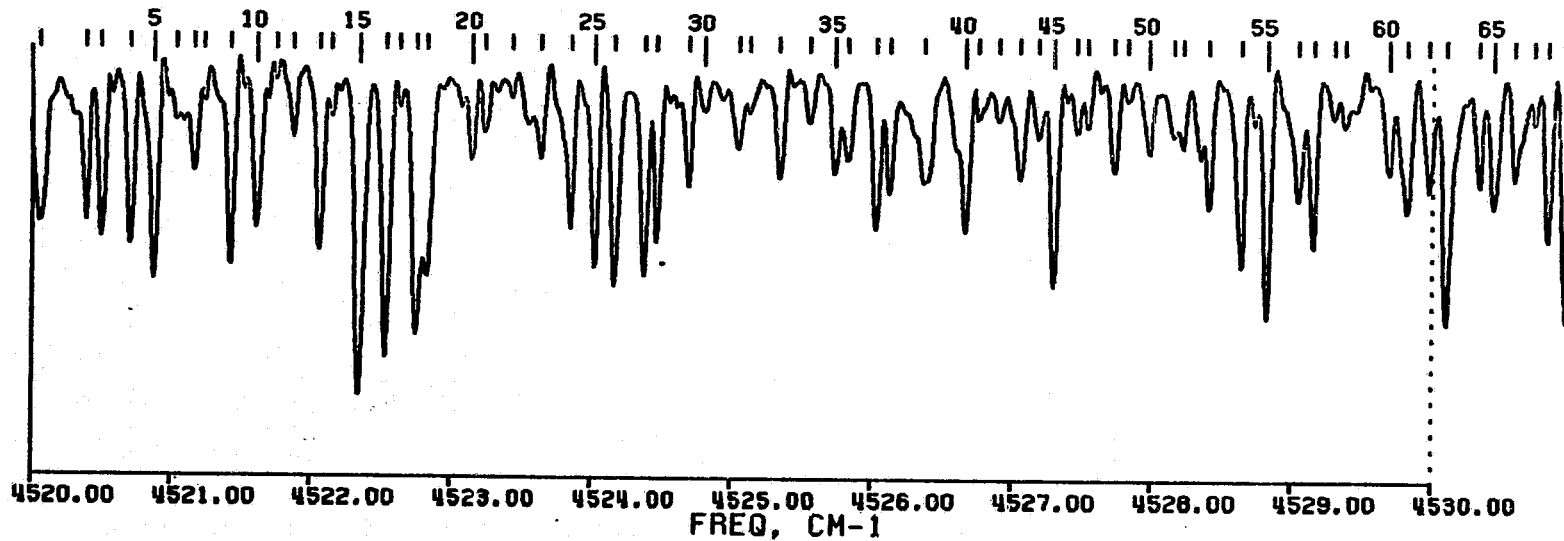
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20	3.012	3.186	3.302	3.459	3.575	3.668	3.781	3.973	4.446
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50	7.583	7.675	7.884	8.046	8.254	8.418	8.619	8.767	8.915
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70	10.957	11.270	11.499	11.596	11.919	12.044	12.174	12.497	12.848
80	12.975	13.115	13.261	13.487	13.616	13.700	13.844	13.949	14.343
90	14.429	14.542	14.627	14.997	15.135	15.302	15.526	15.595	15.989
100	16.287	16.390	16.494	17.029	17.130	17.340	17.505	17.619	17.885
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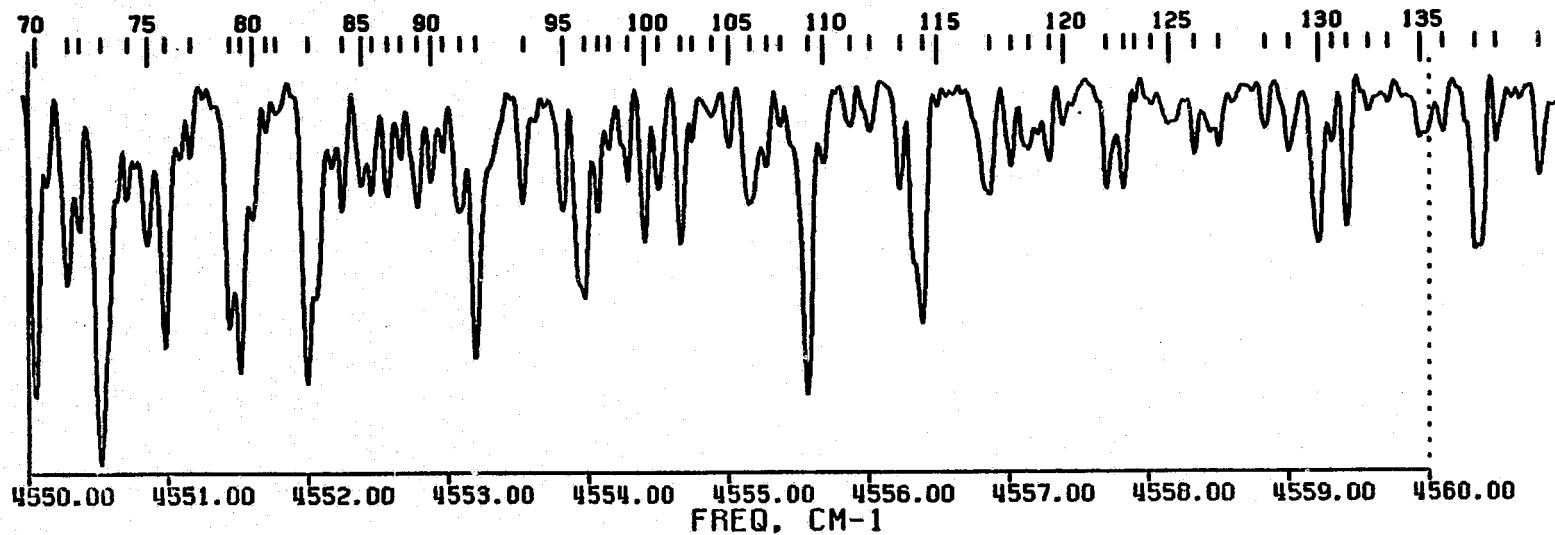
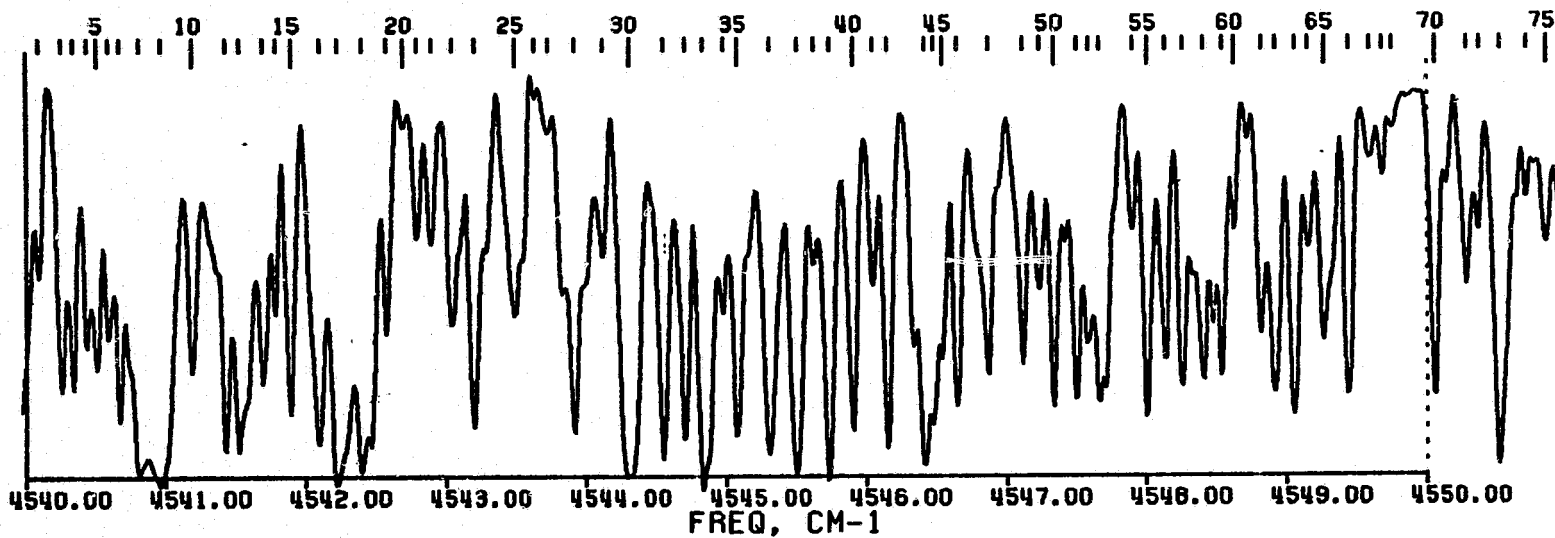
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20	23.145	23.239	23.430	23.639	23.852	24.027	24.166	24.378	24.467	24.694
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50	27.979	28.155	28.220	28.407	28.639	28.823	29.044	29.154	29.298	29.376
60	29.691	29.822	29.976	30.099	30.331	30.435	30.583	30.725	30.823	30.954
70	31.185	31.314	31.565	31.757	31.928	32.161	32.304	32.383	32.627	32.741
80	33.023	33.275	33.509	33.628	33.844	33.949	34.042	34.162	34.349	34.522
90	34.719	34.802	34.915	35.026	35.098	35.248	35.345	35.480	35.547	35.665
100	35.747	35.860	35.989	36.125	36.283	36.397	36.684	36.796	36.949	37.144
110	37.233	37.307	37.548	37.847	37.985	38.147	38.227	38.284	38.450	38.531
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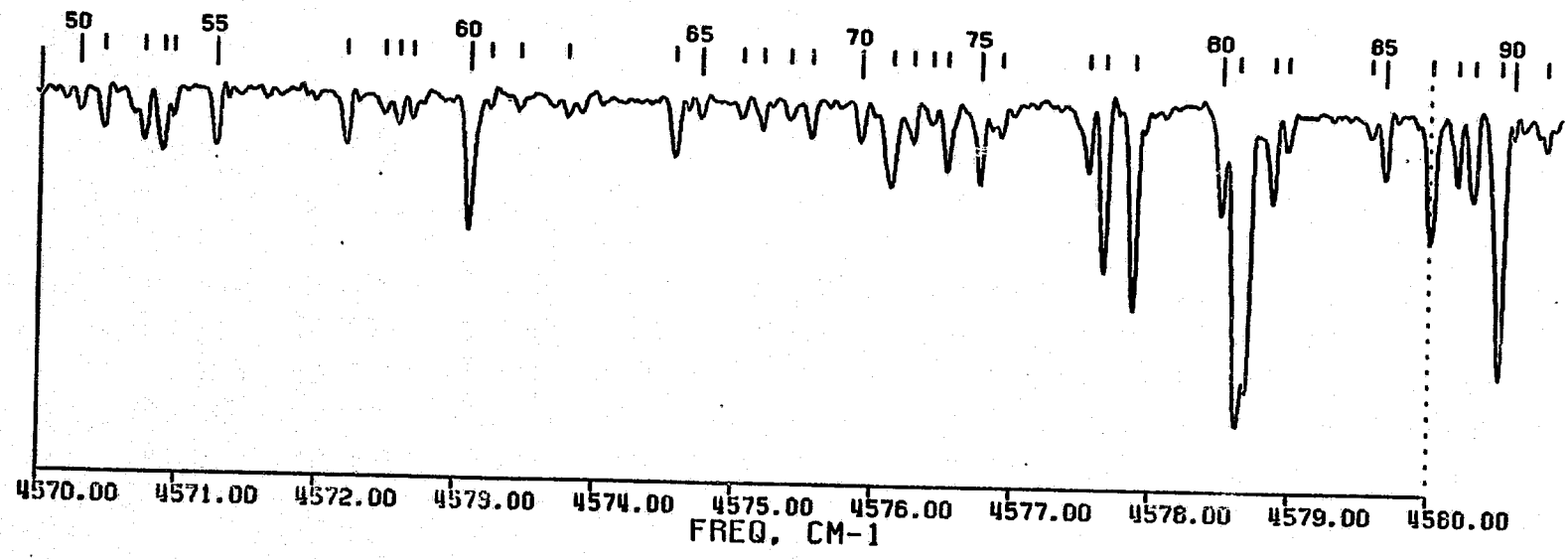
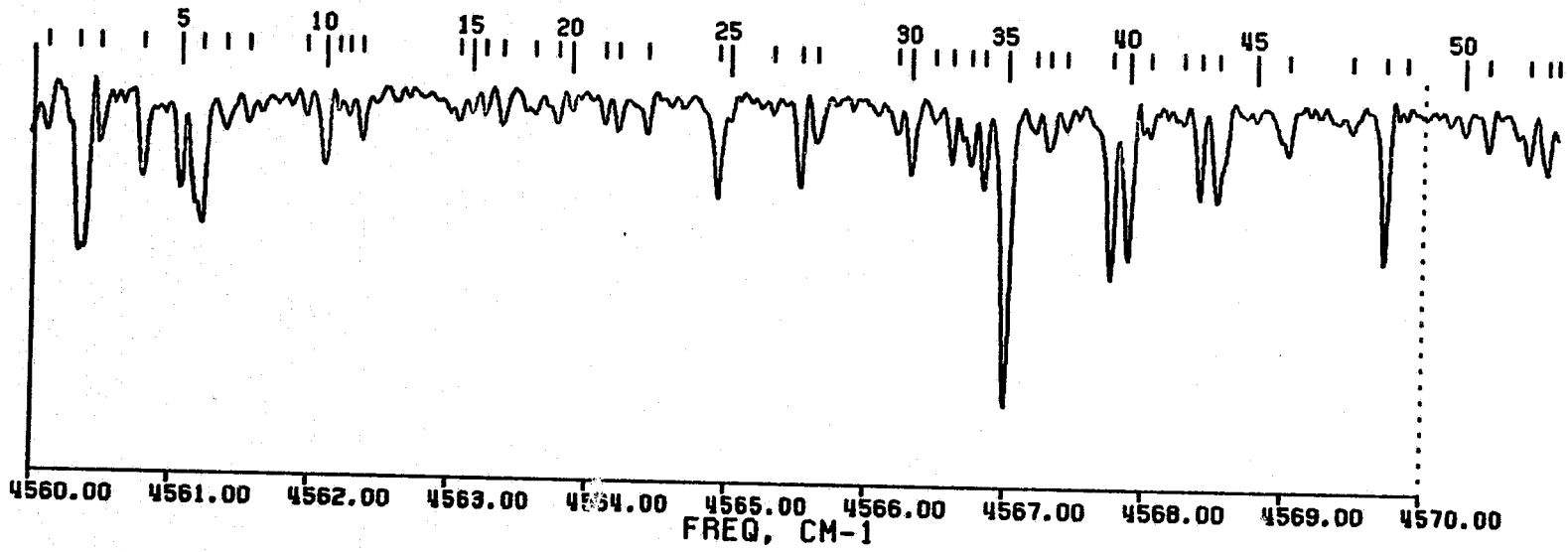


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70	50.056	50.283	50.368	50.521	50.707	50.851	50.978	51.158	51.439	51.517
80	51.605	51.700	51.772	51.998	52.246	52.382	52.454	52.568	52.659	52.781
90	52.878	52.960	53.083	53.198	53.535	53.822	53.976	54.073	54.146	54.285
100	54.406	54.504	54.663	54.742	54.884	55.008	55.154	55.275	55.373	55.569
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120	57.389	57.702	57.823	57.905	58.023	58.148	58.331	58.505	58.832	59.000
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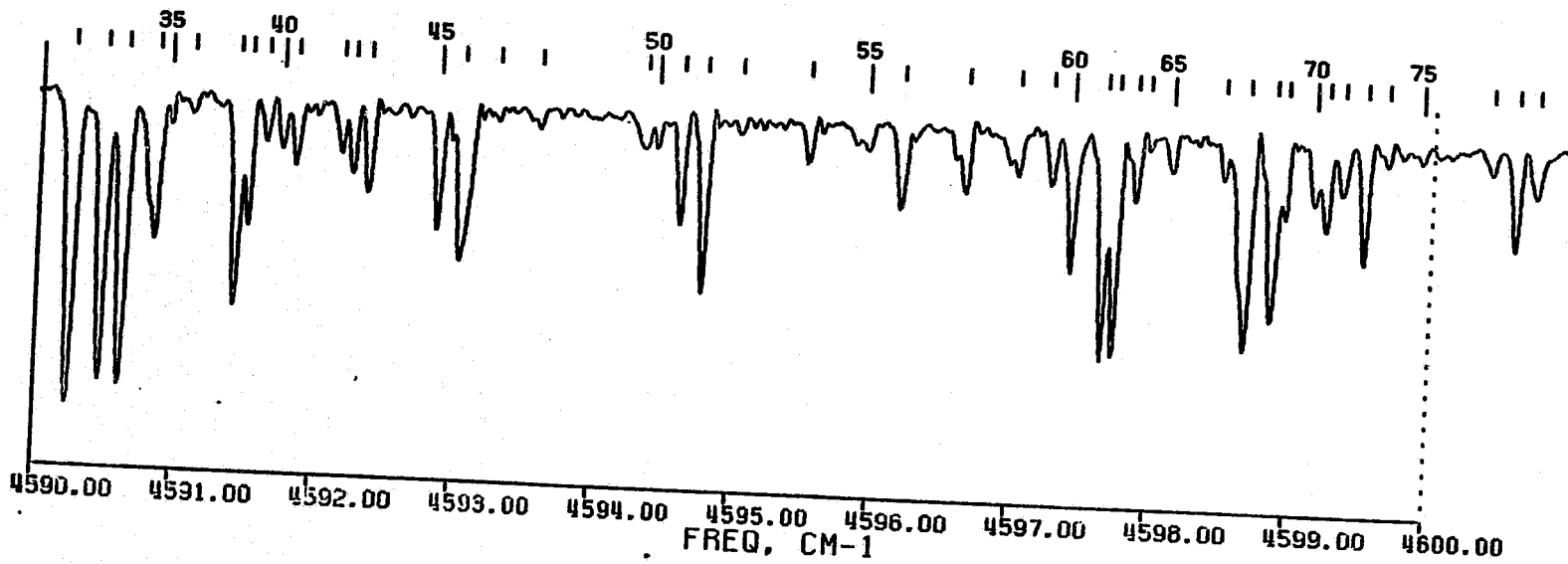
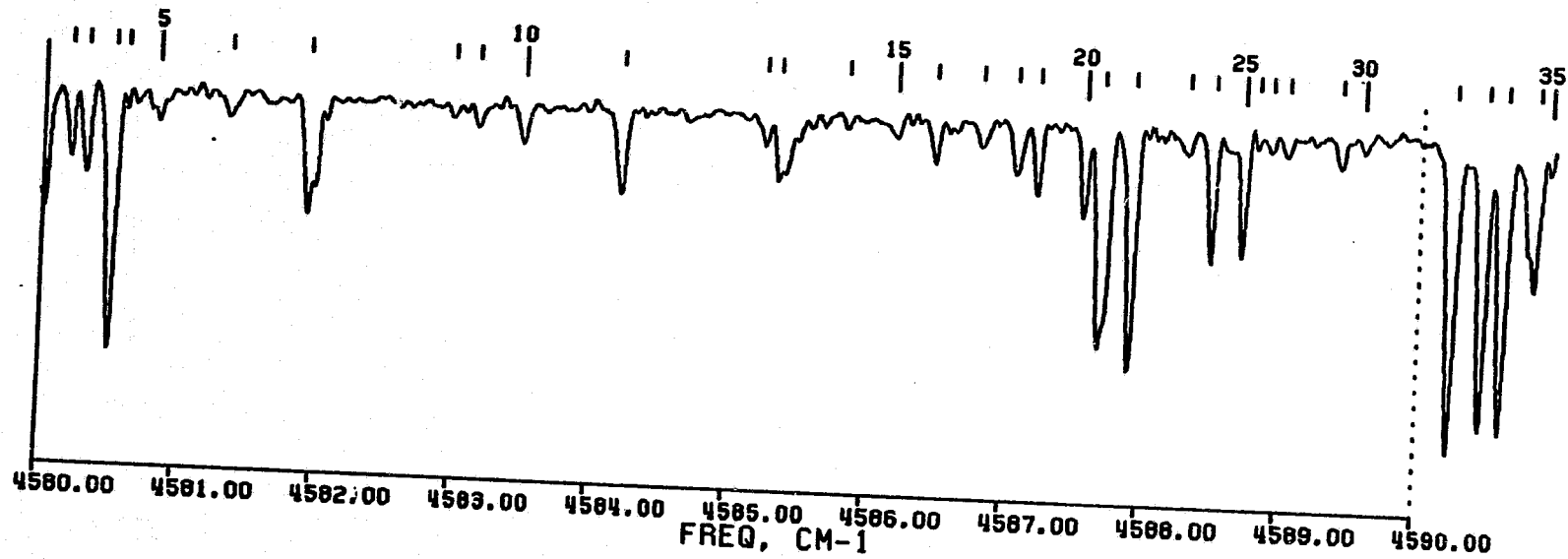


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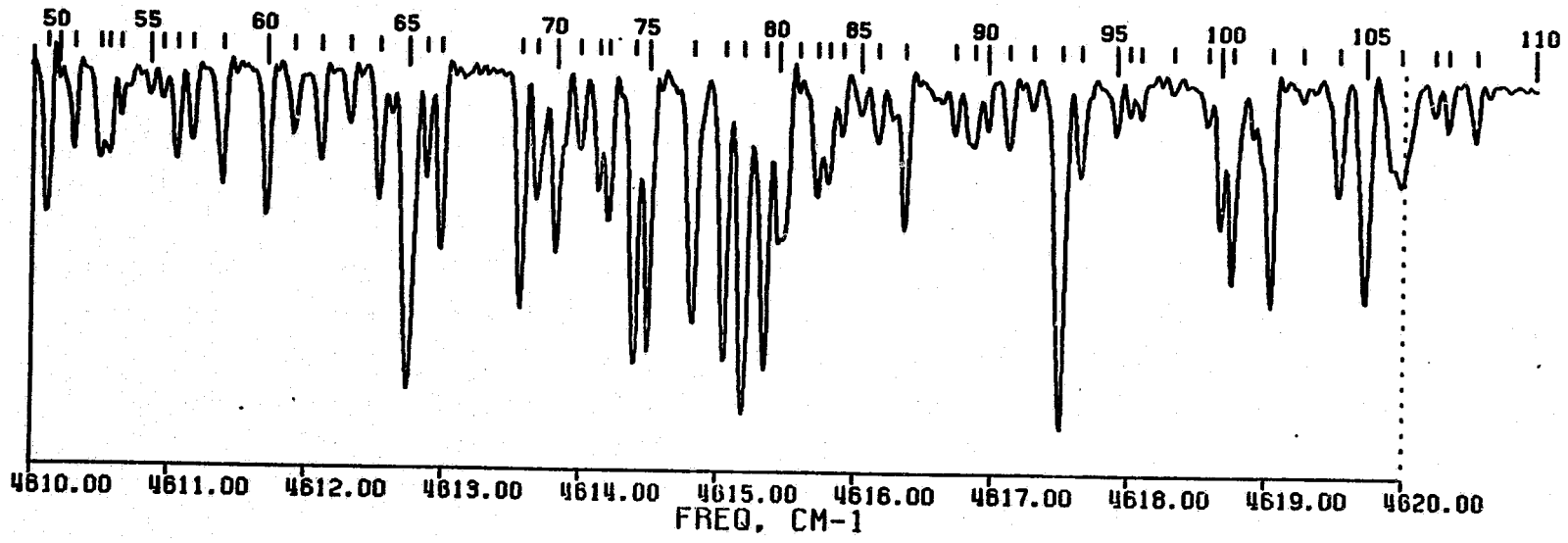
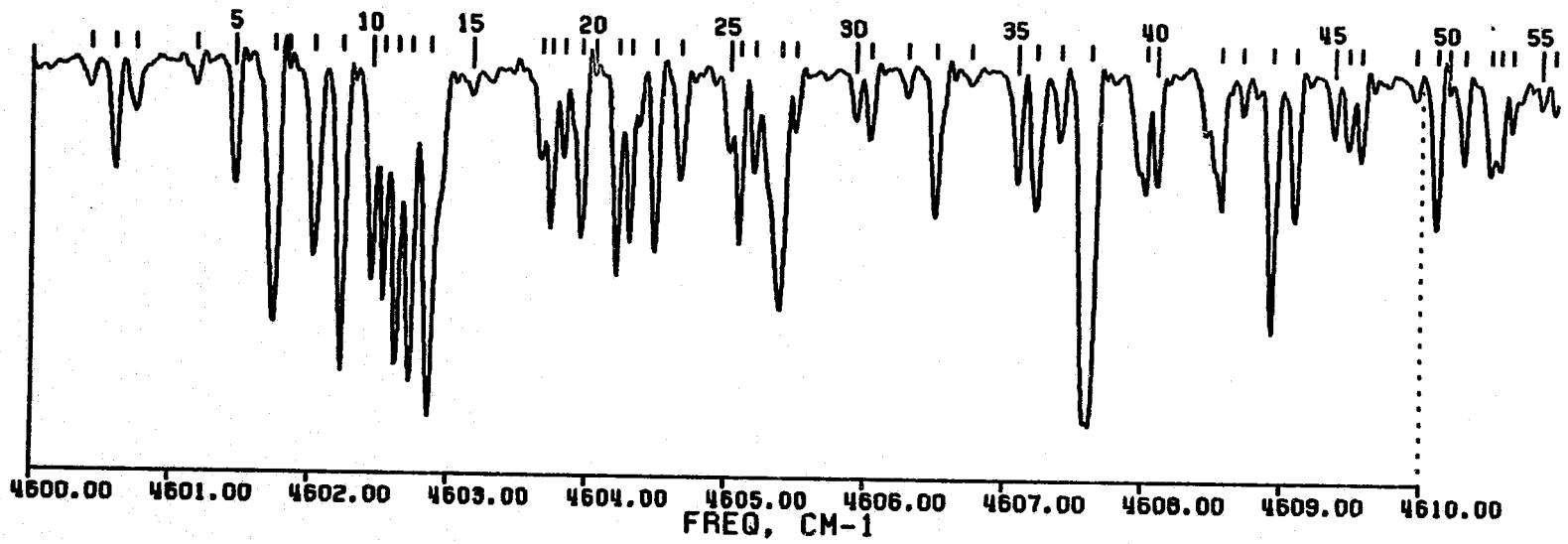


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20	87.555	87.684	87.910	88.299	88.485	88.707	88.801	88.904	89.018	89.408
30	89.577	90.238	90.466	90.610	90.837	90.931	91.087	91.416	91.501	91.620
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50	94.427	94.603	94.772	95.024	95.514	95.942	96.185	96.645	97.017	97.260
60	97.412	97.648	97.732	97.868	97.960	98.126	98.497	98.673	98.856	98.942
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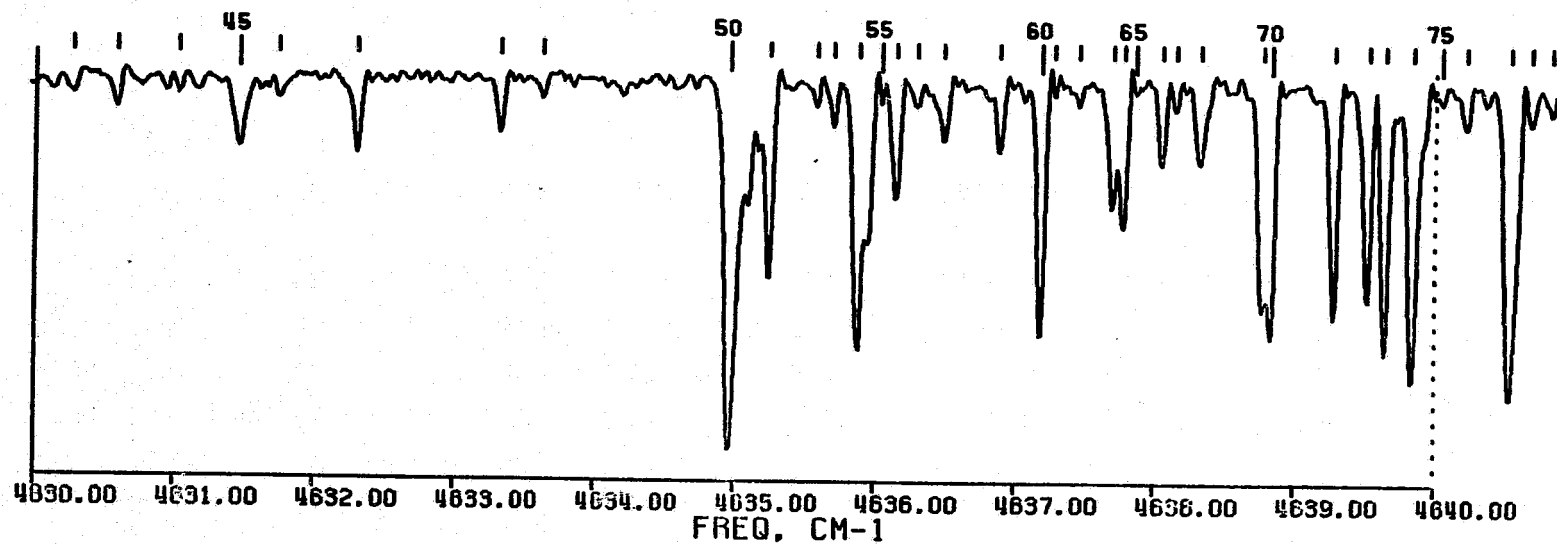
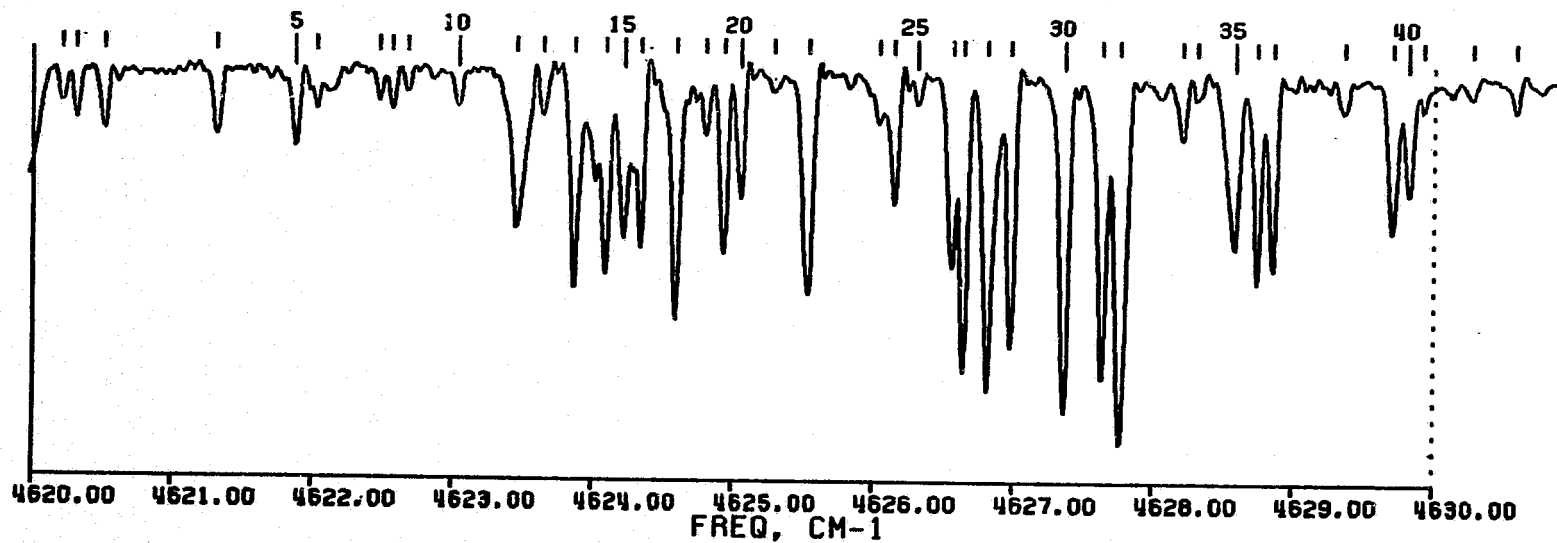


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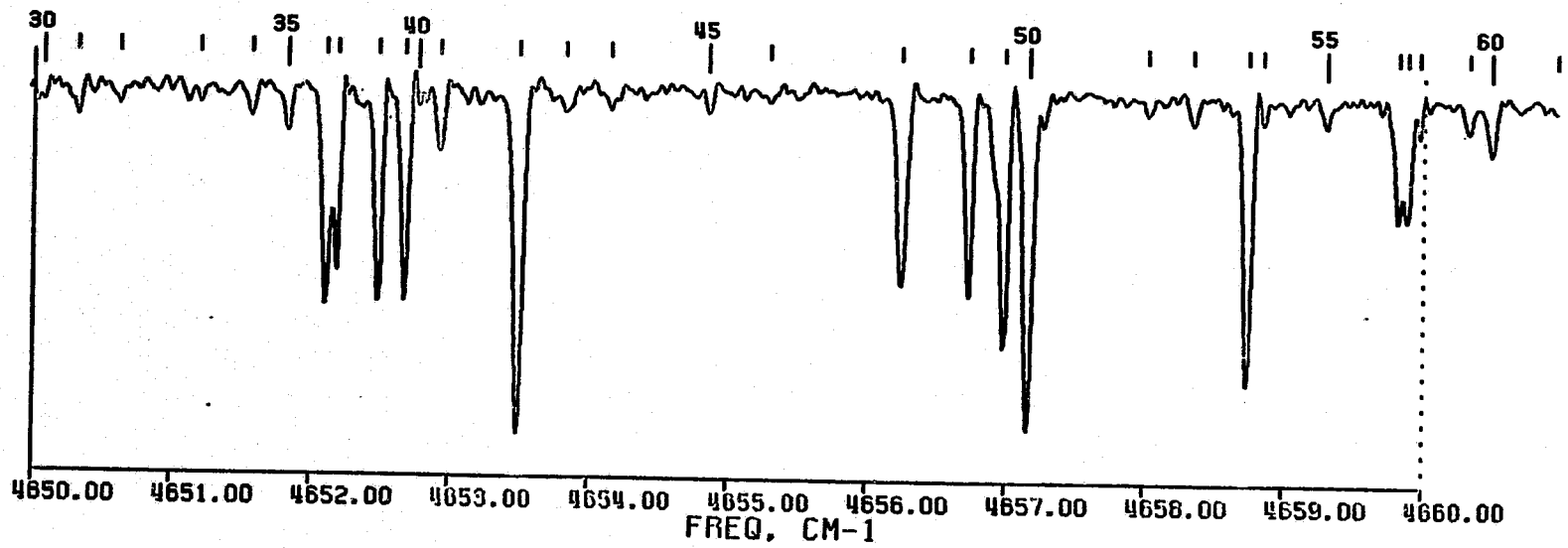
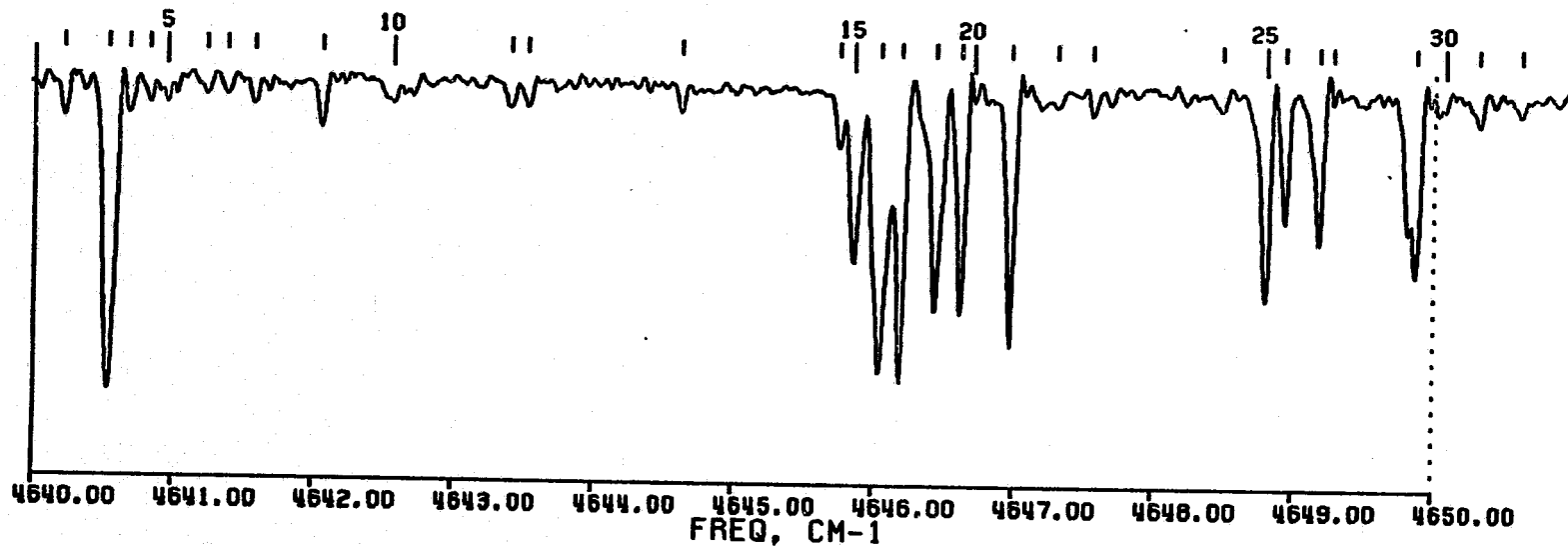


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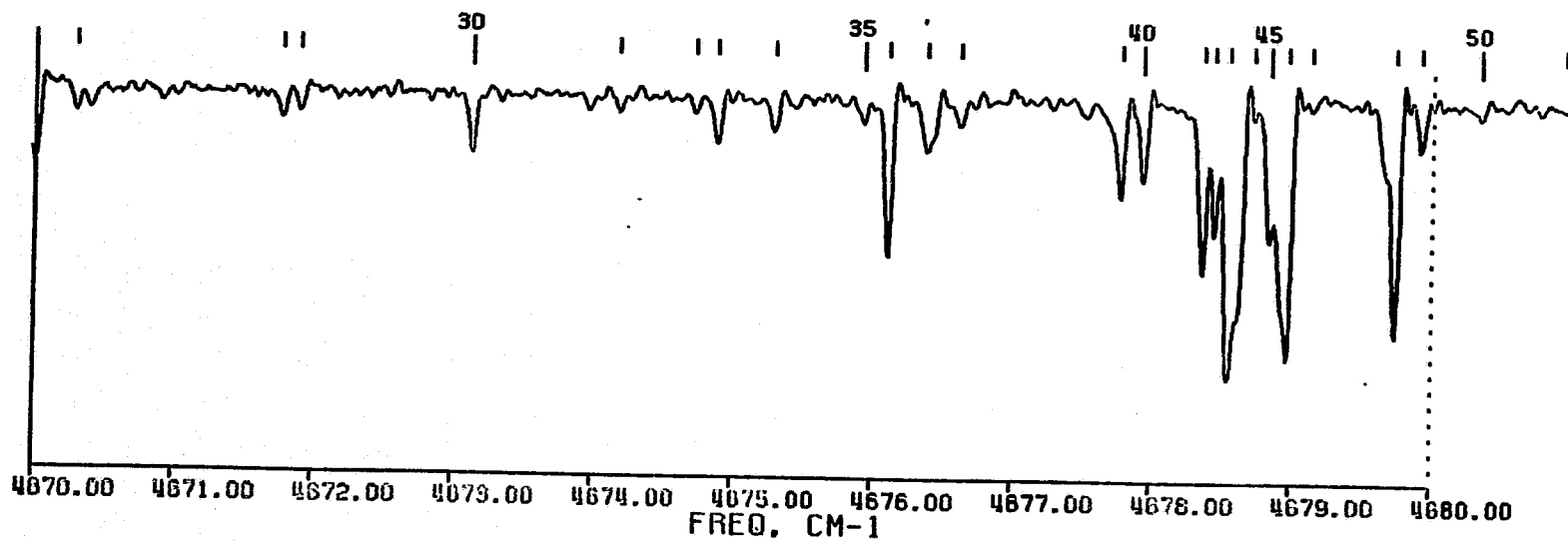
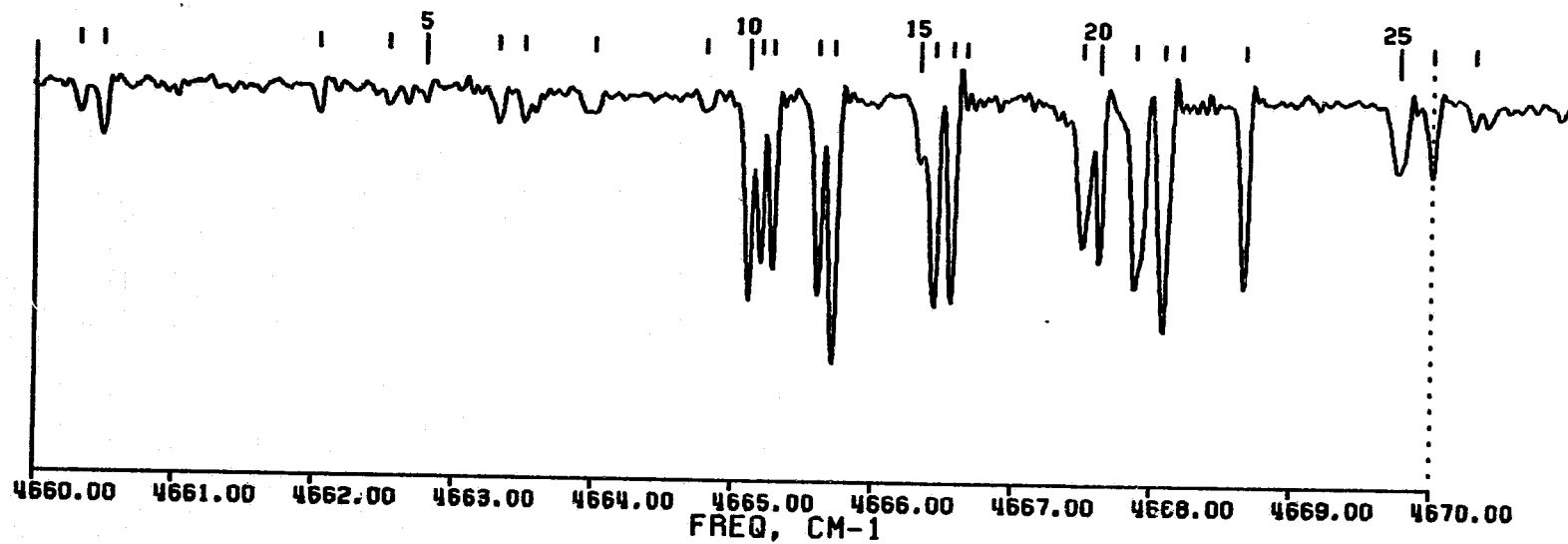
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40	29.823	29.923	30.270	30.582	31.028	31.460	31.742	32.302	33.323	33.626
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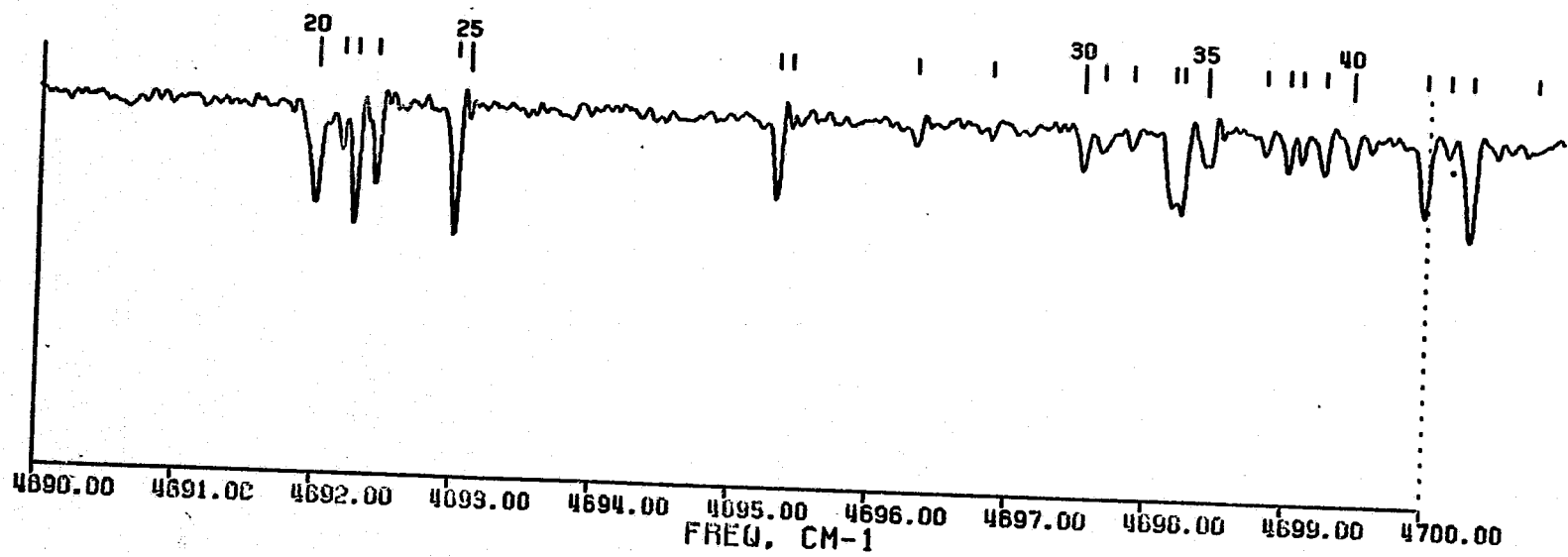
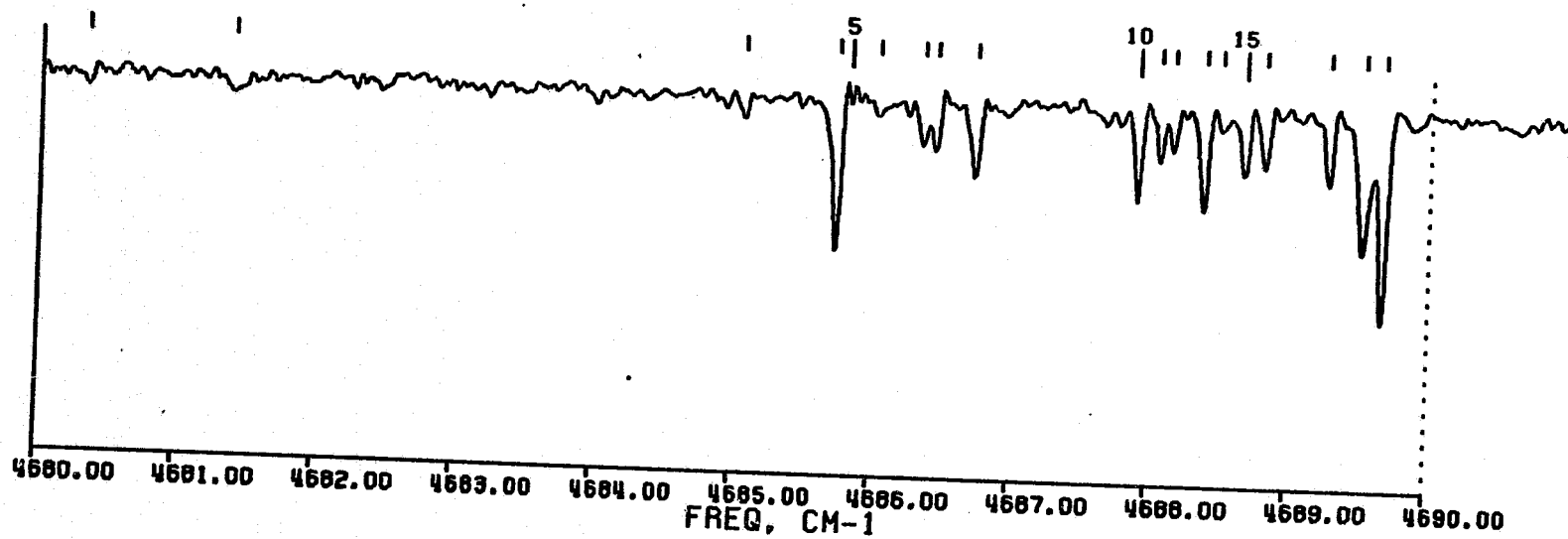


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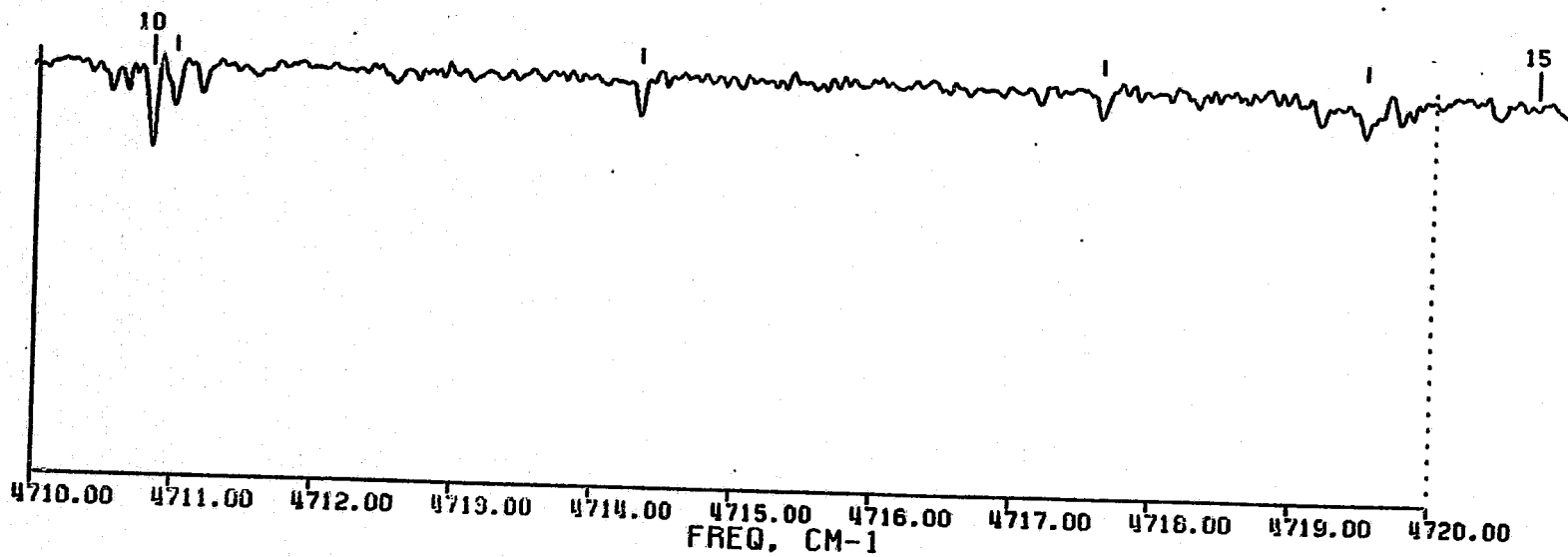
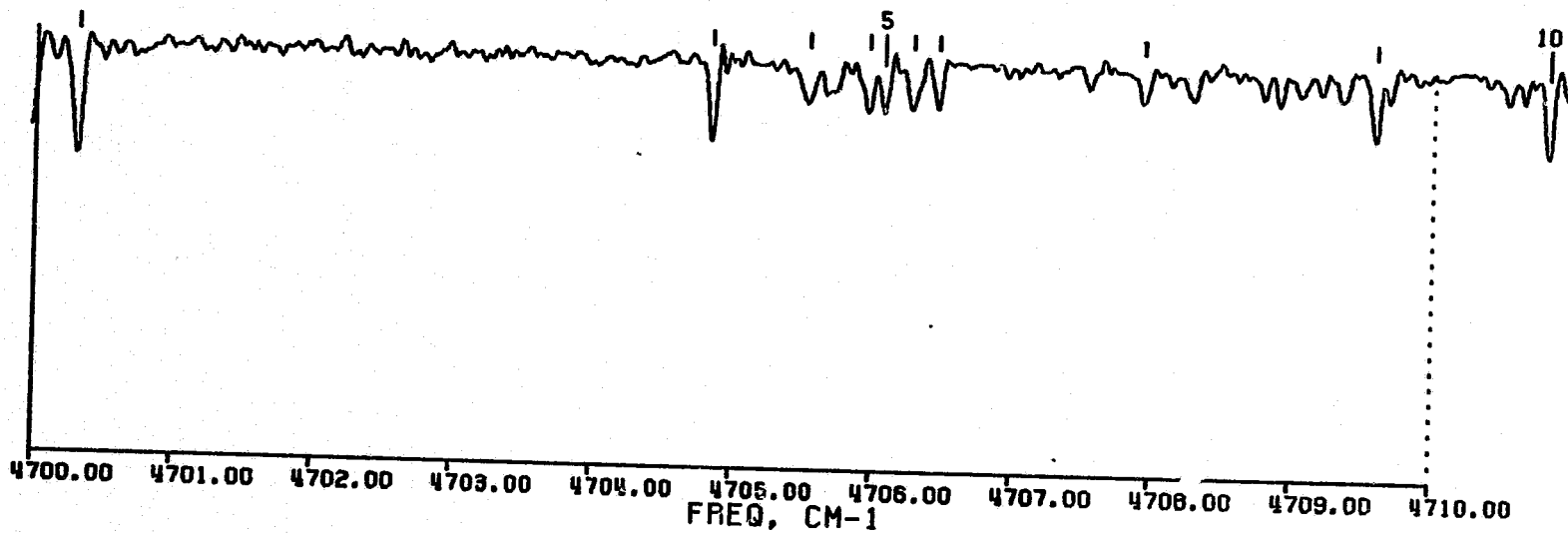
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20	91.989	92.175	92.270	92.421	92.992	93.086	95.310	95.405	96.308	96.847
30	97.511	97.646	97.856	98.160	98.226	98.396	98.820	98.985	99.080	99.247
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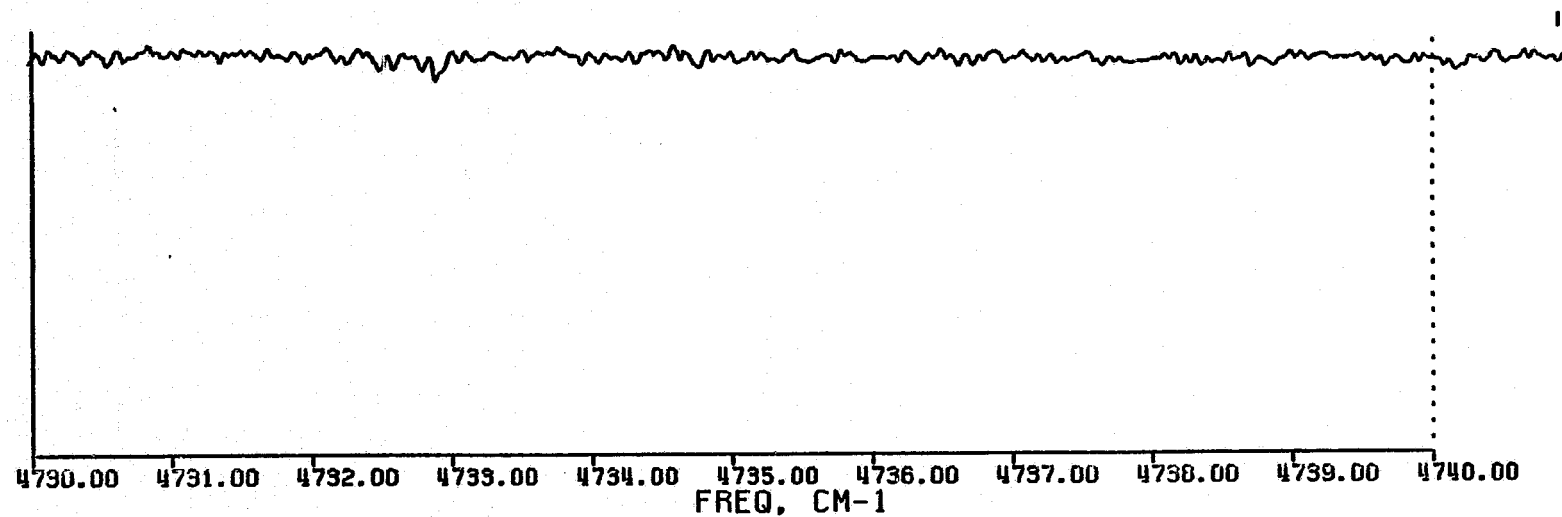
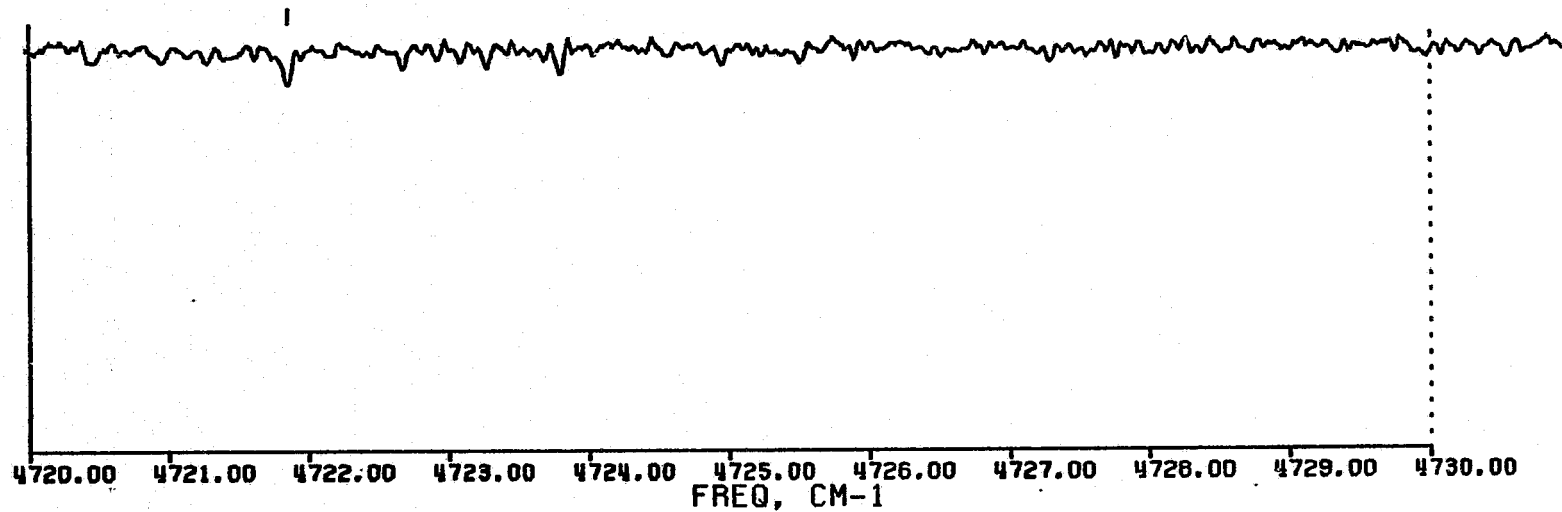
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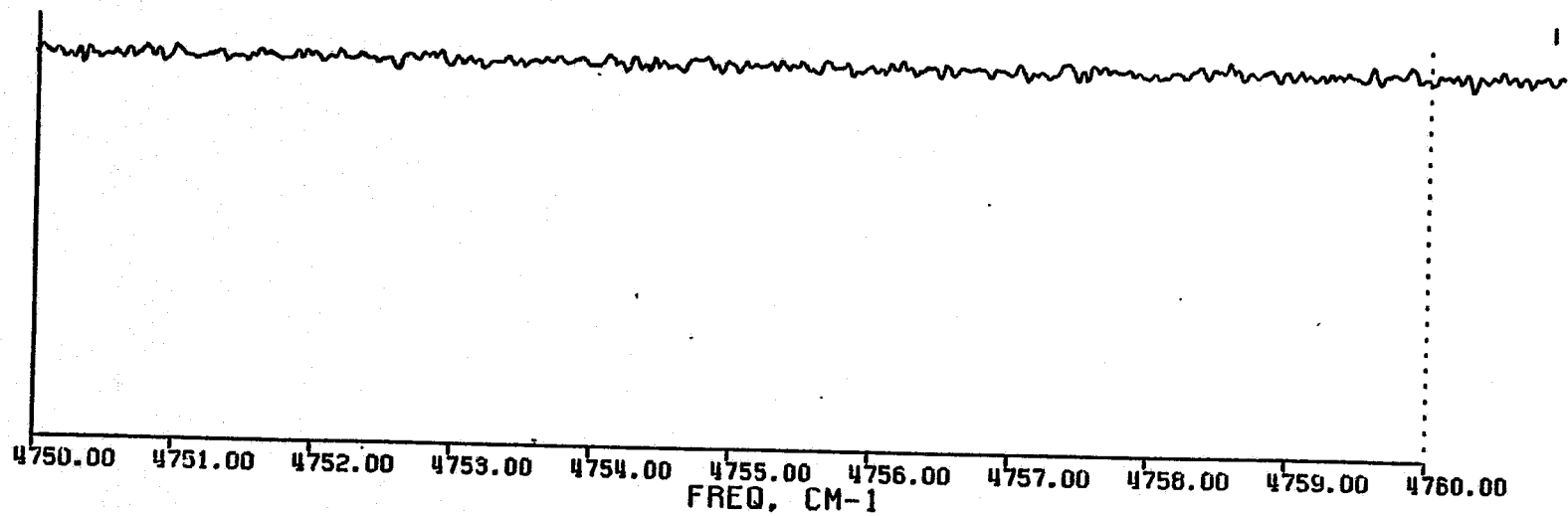
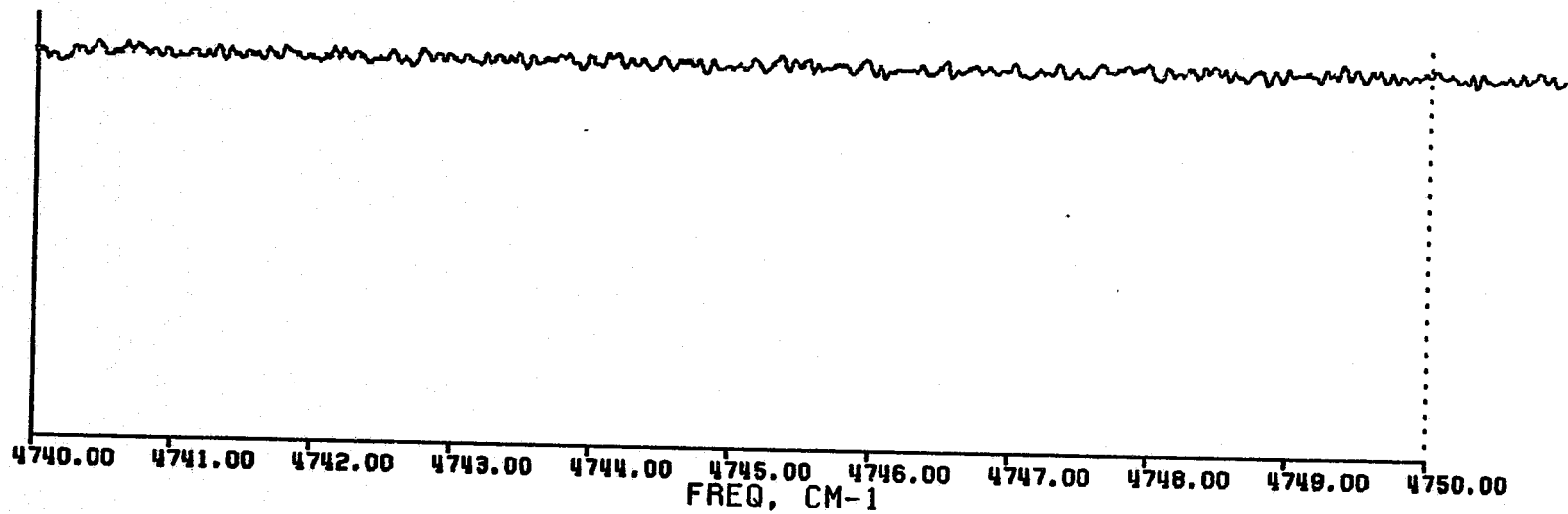
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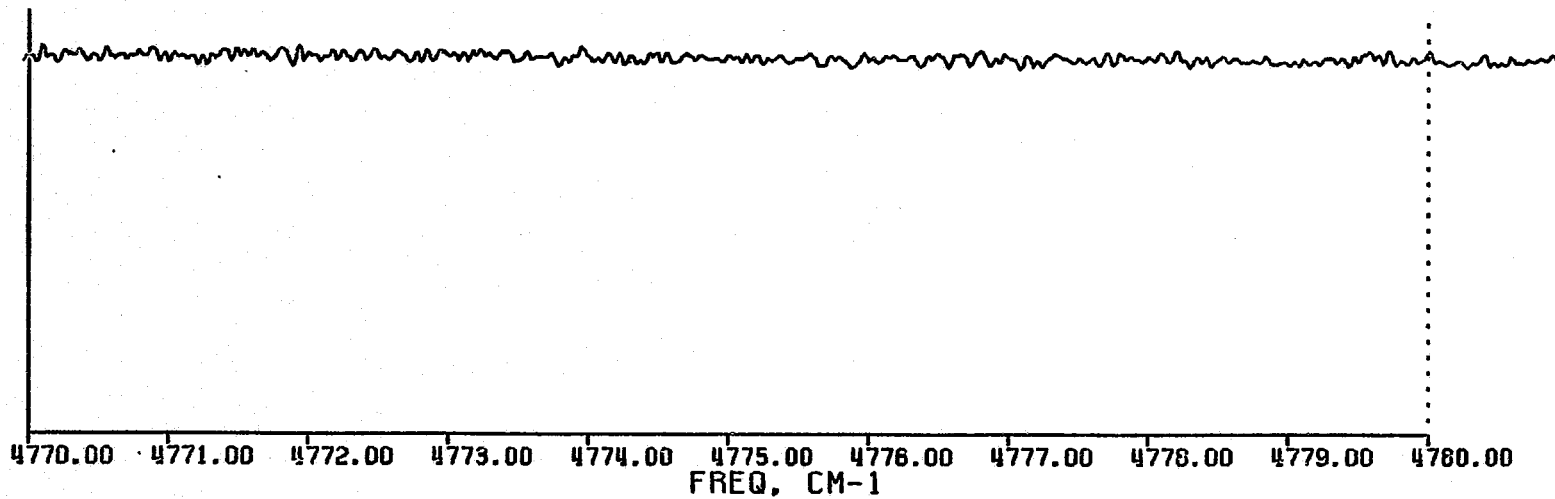
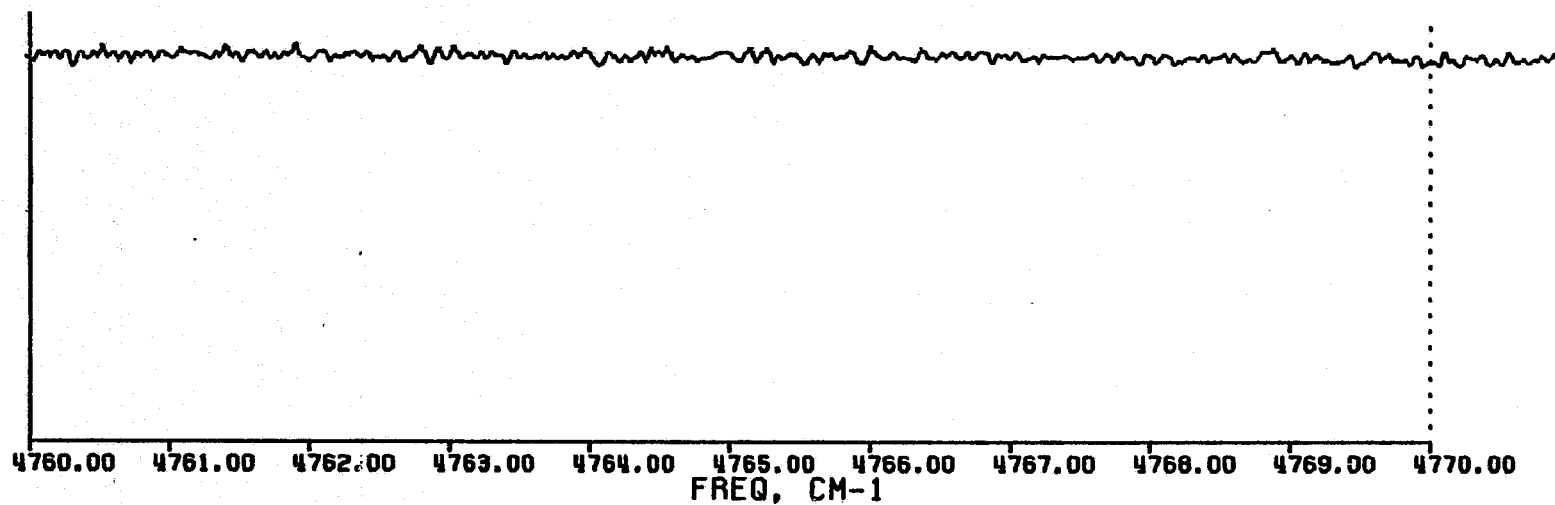
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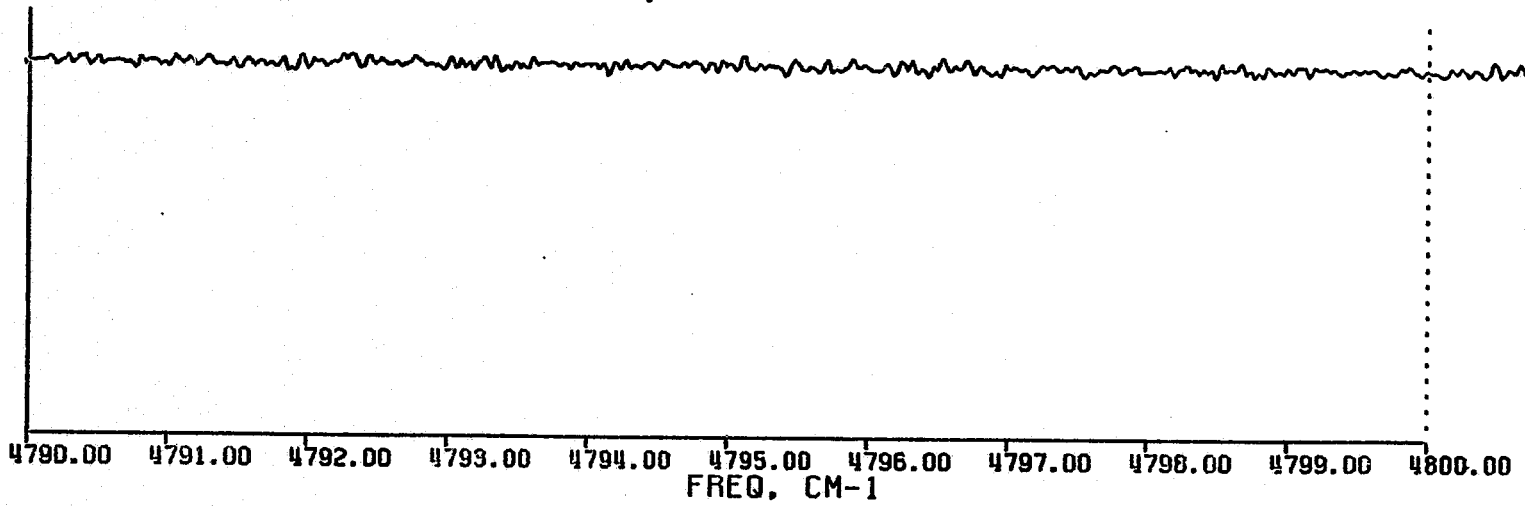
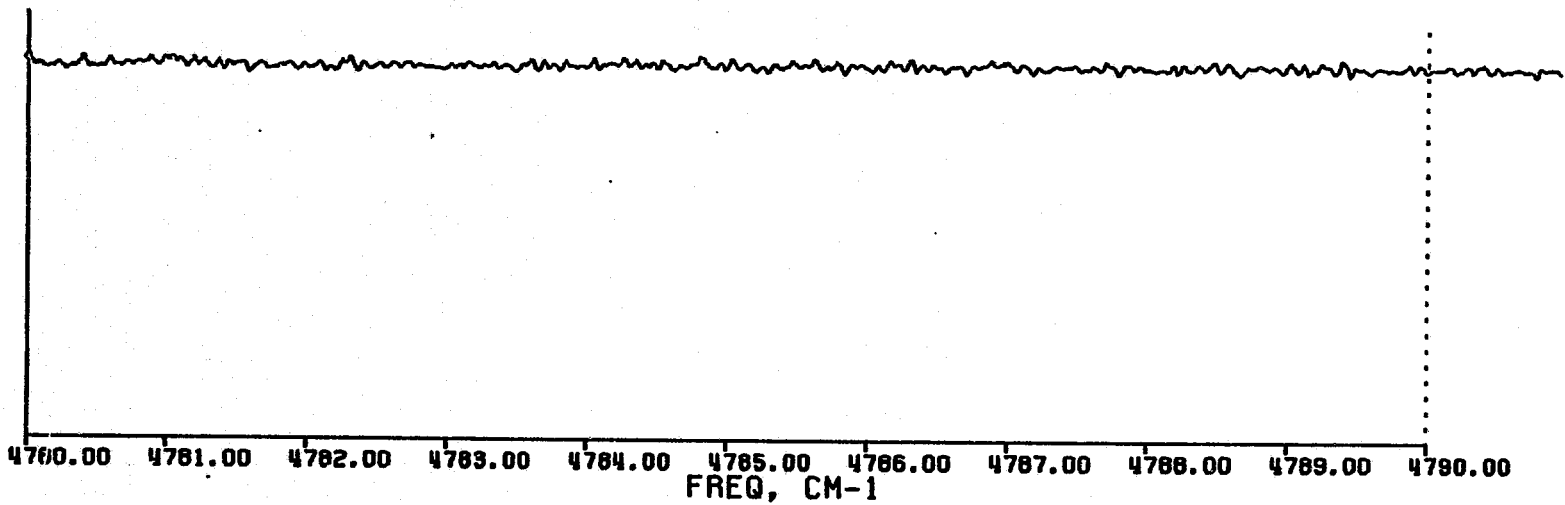
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4700 + 100.920



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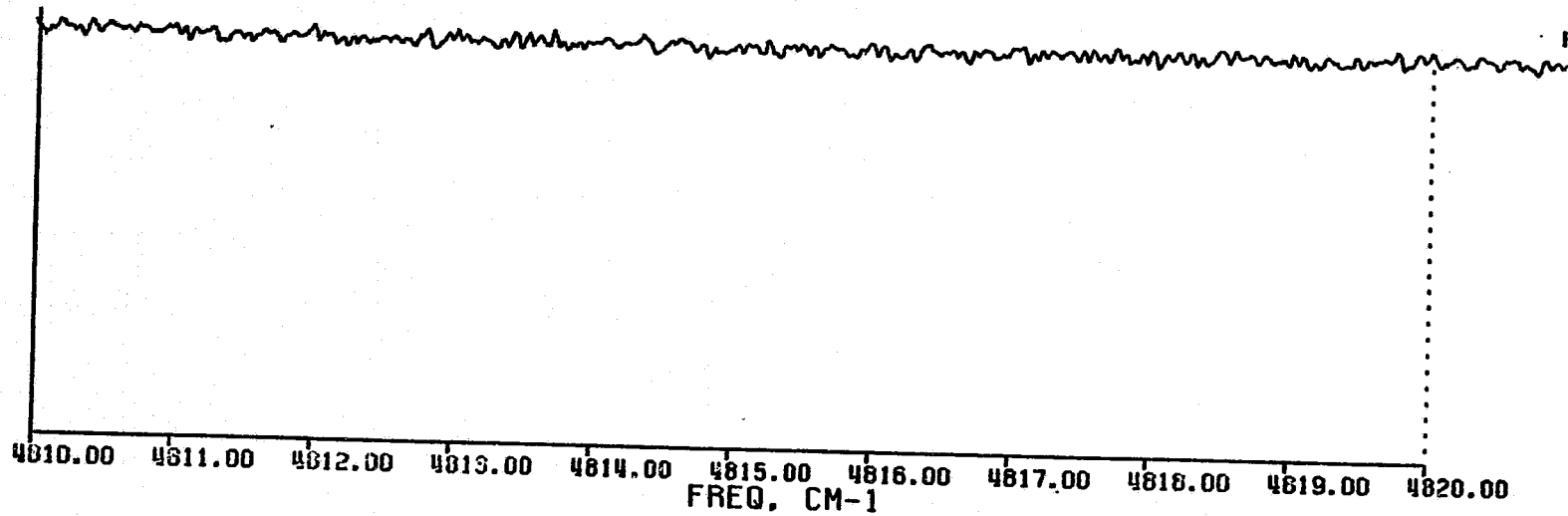
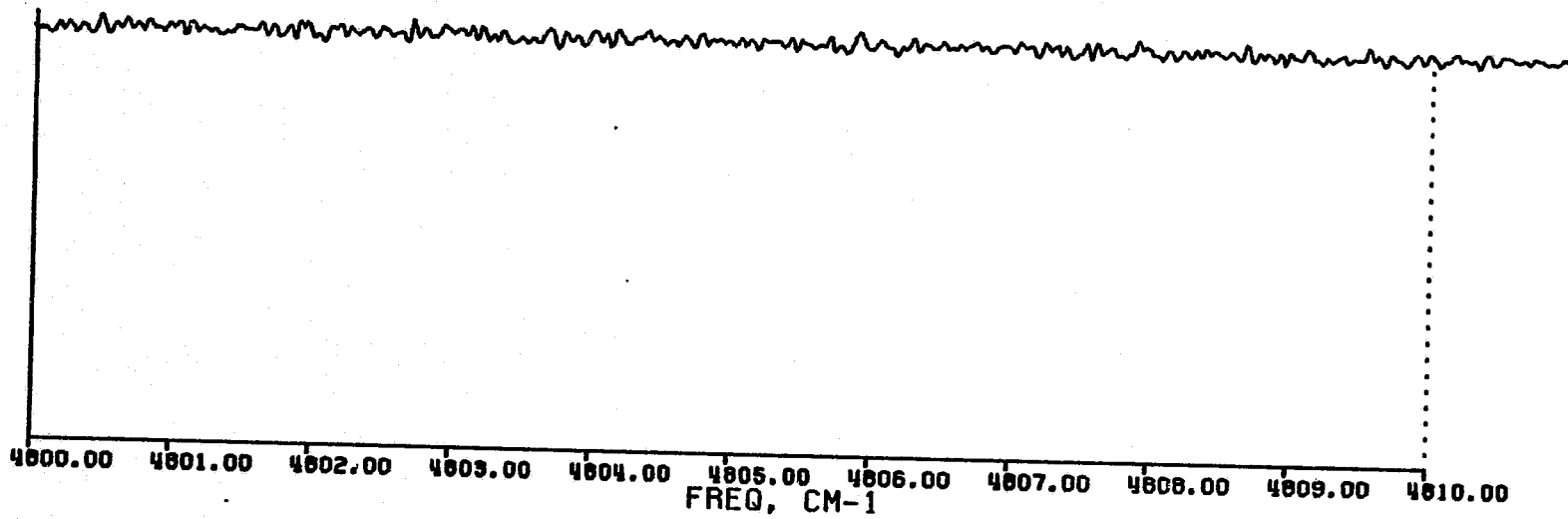
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4800 + 20.932



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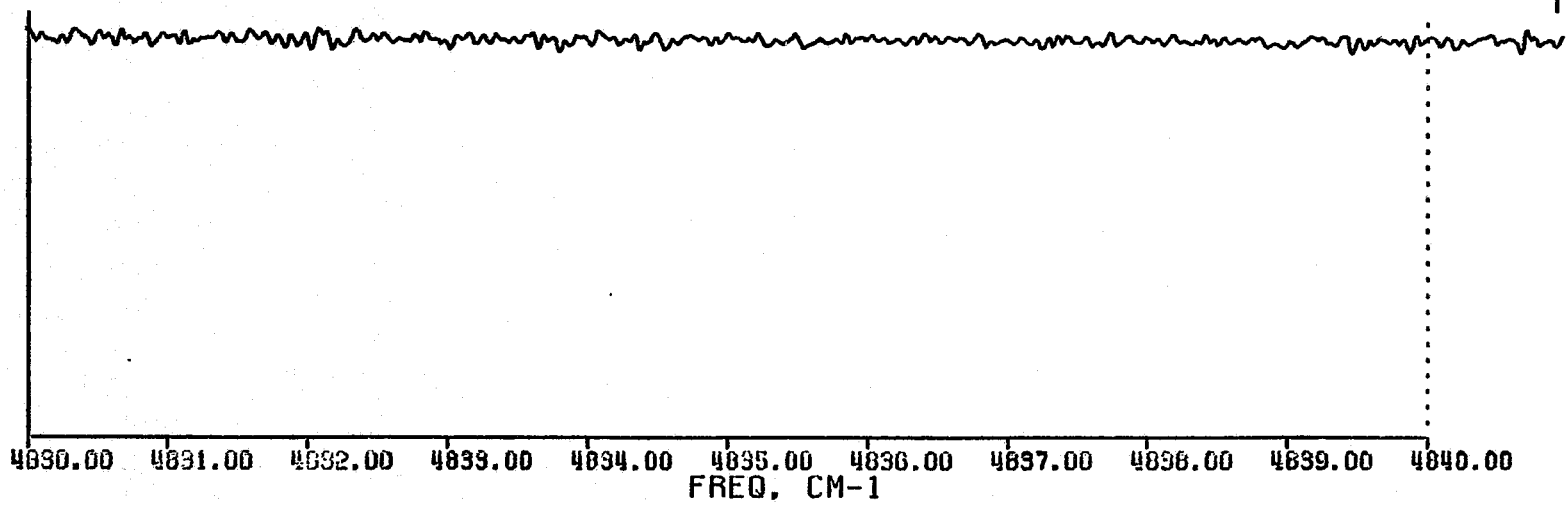
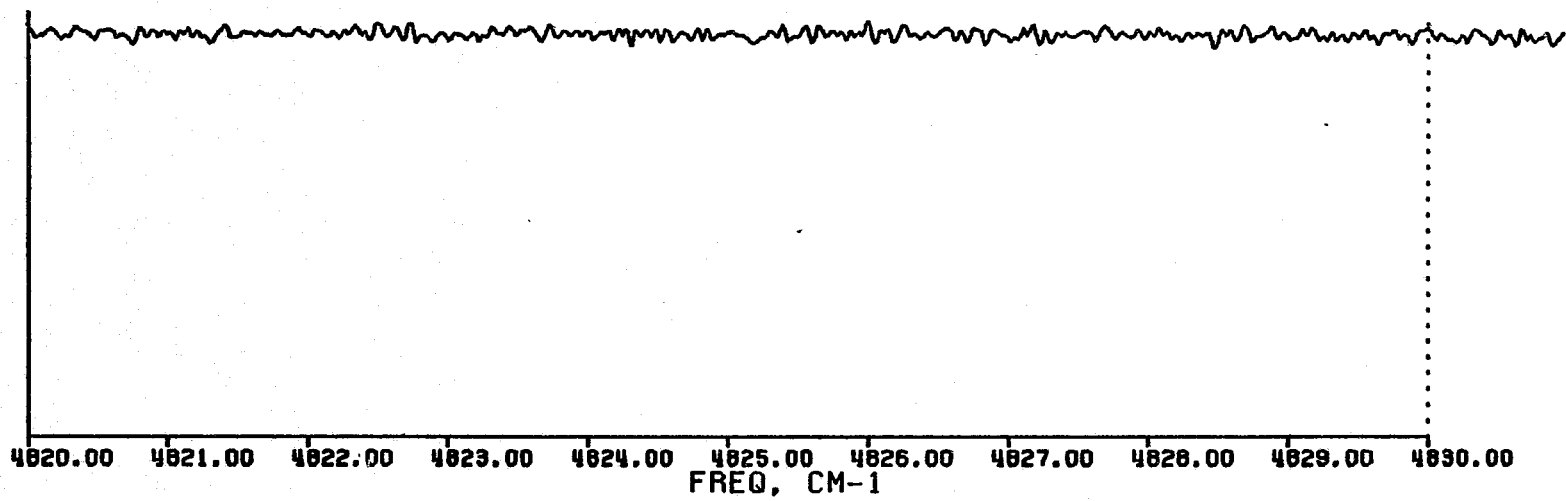
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4800 + 40.915



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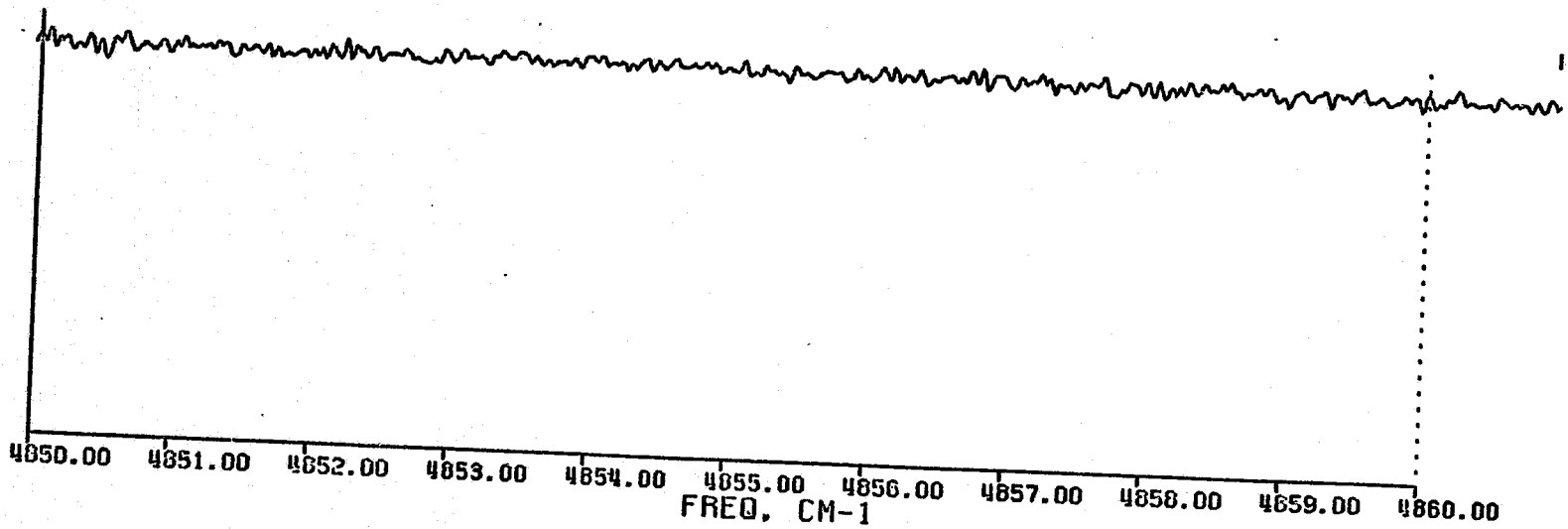
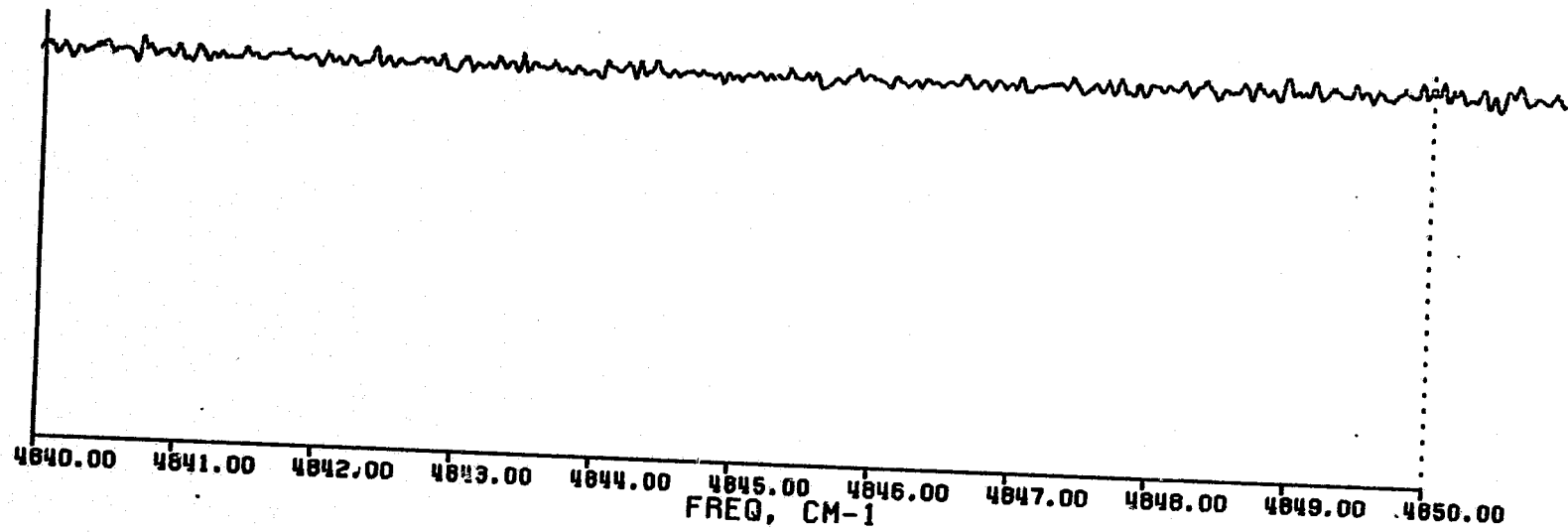
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4800 + 60.923

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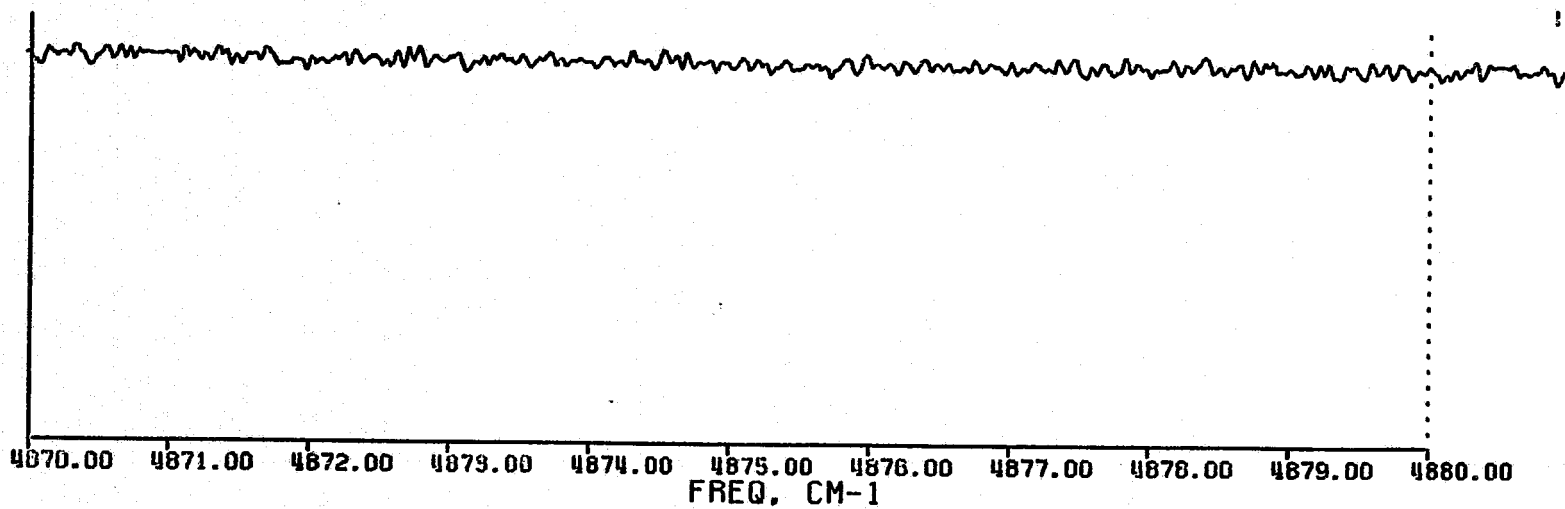
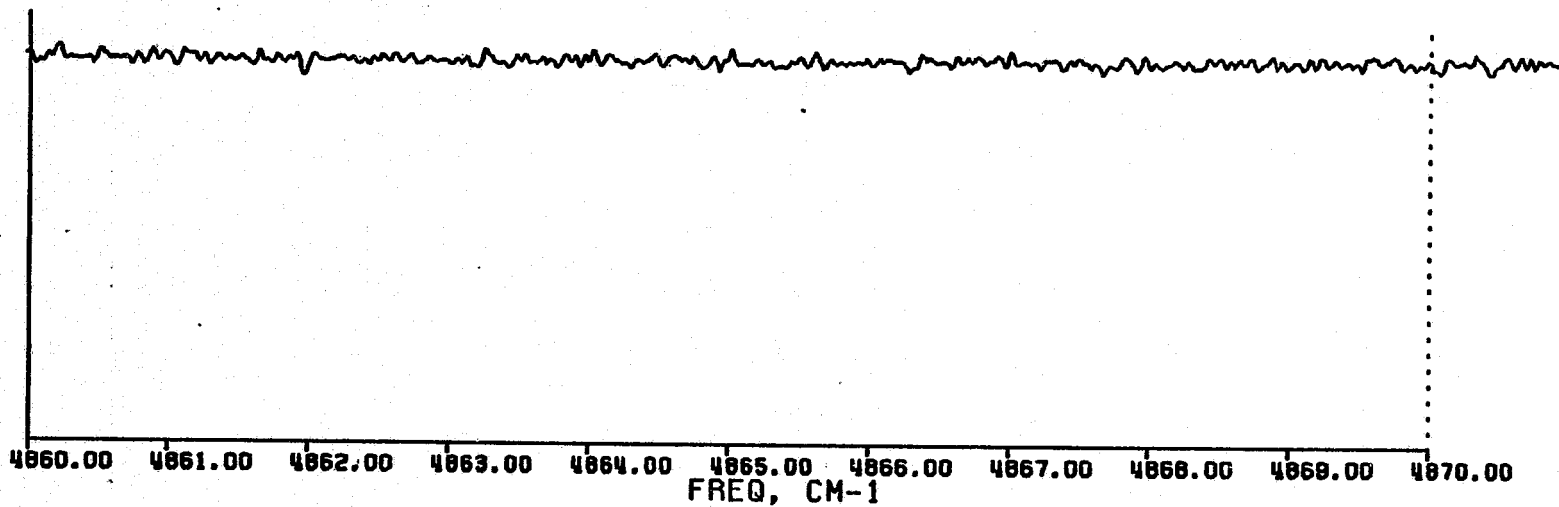
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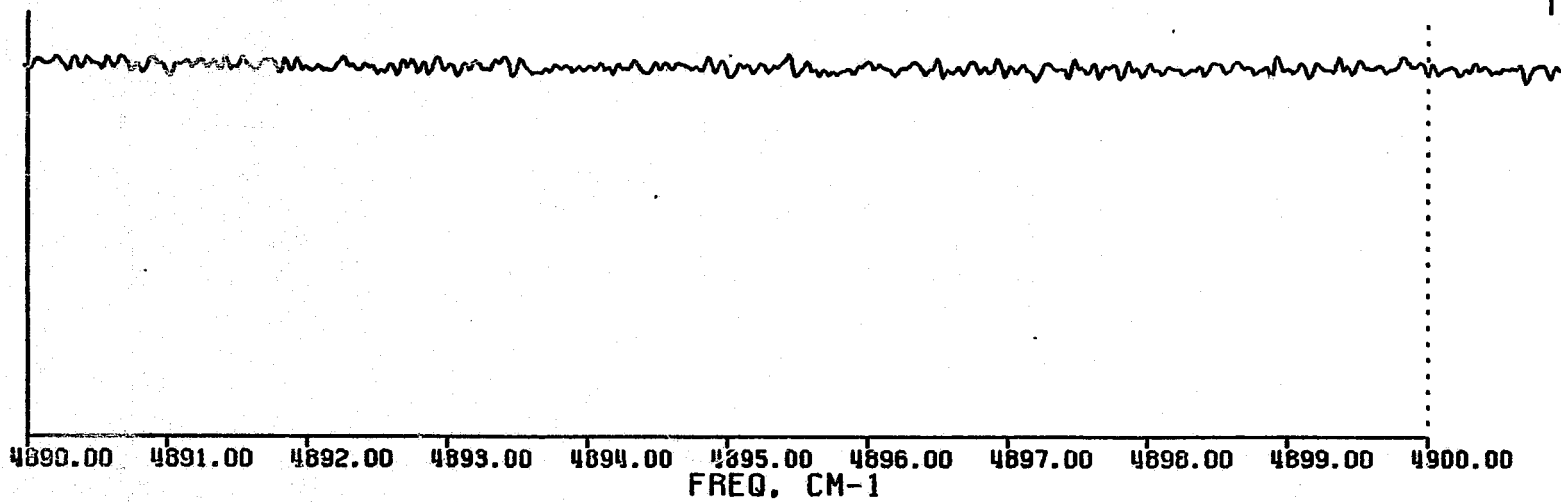
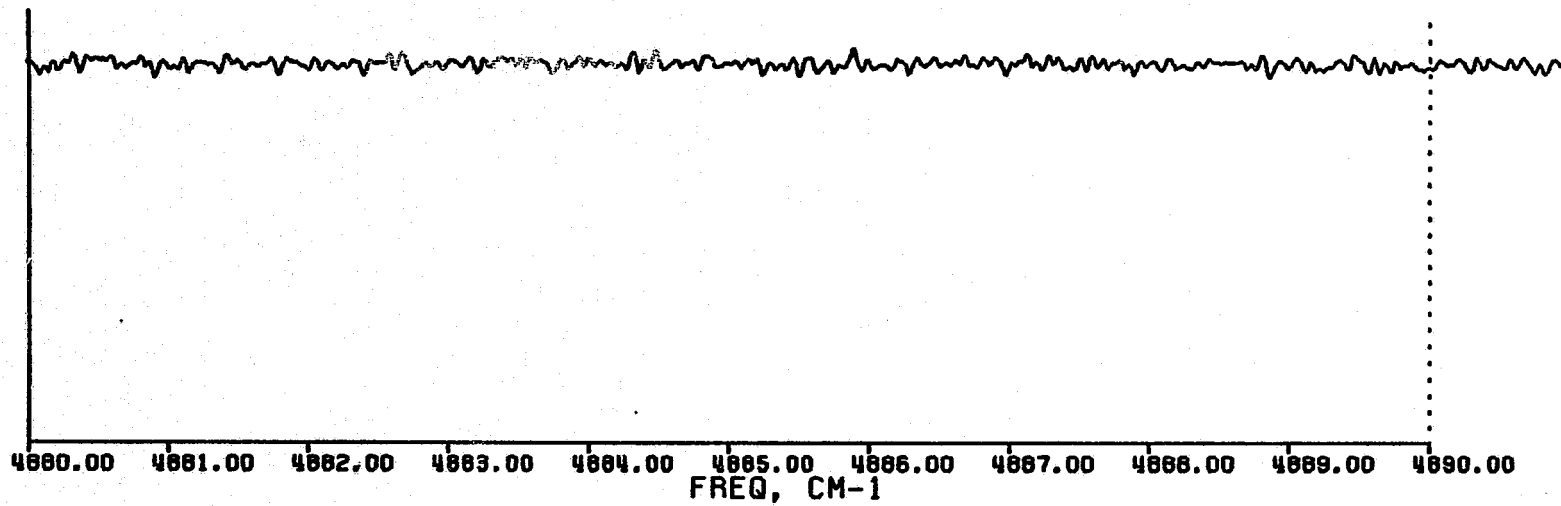
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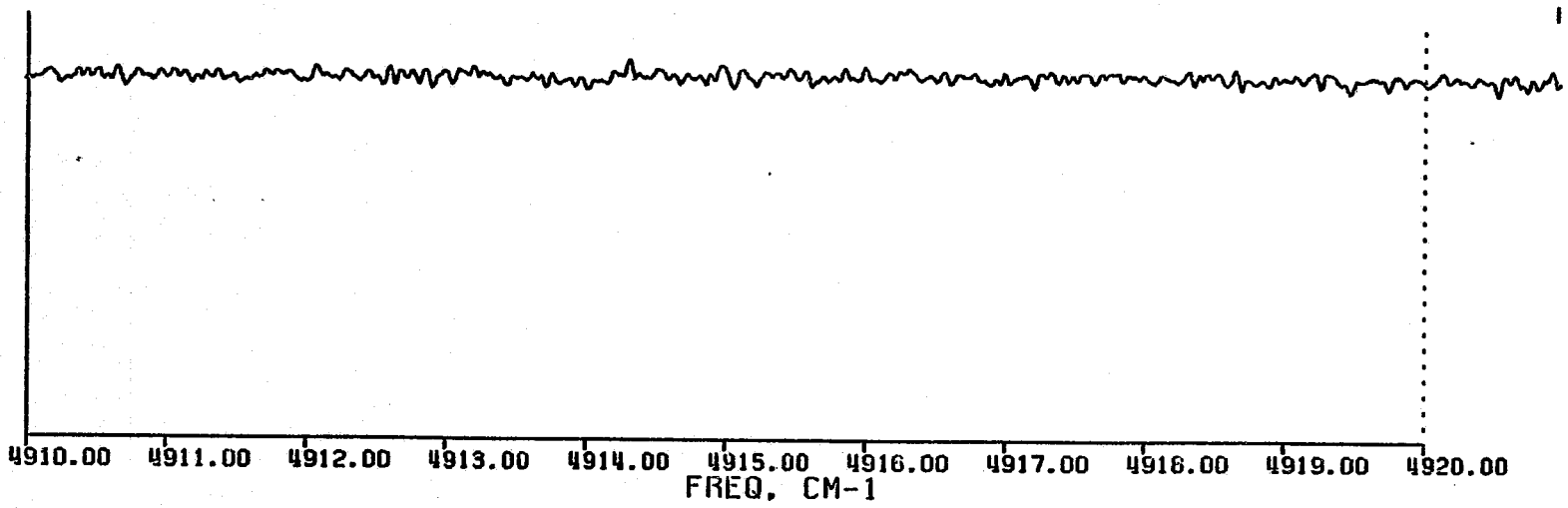
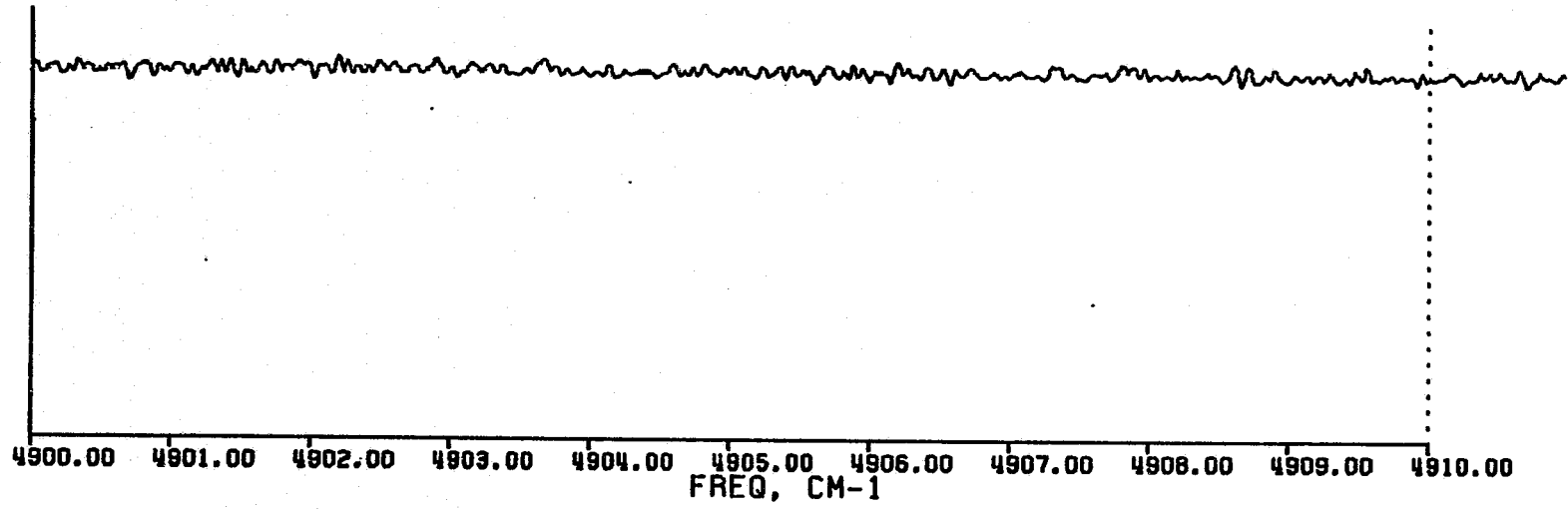
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4900 + 20.948



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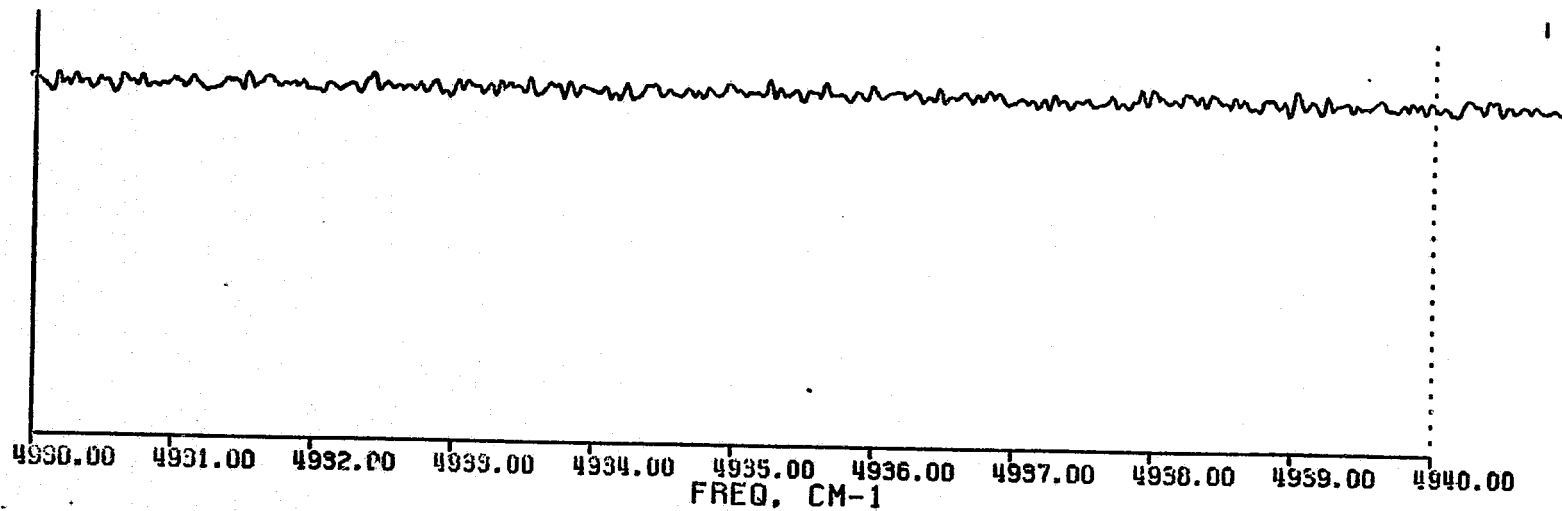
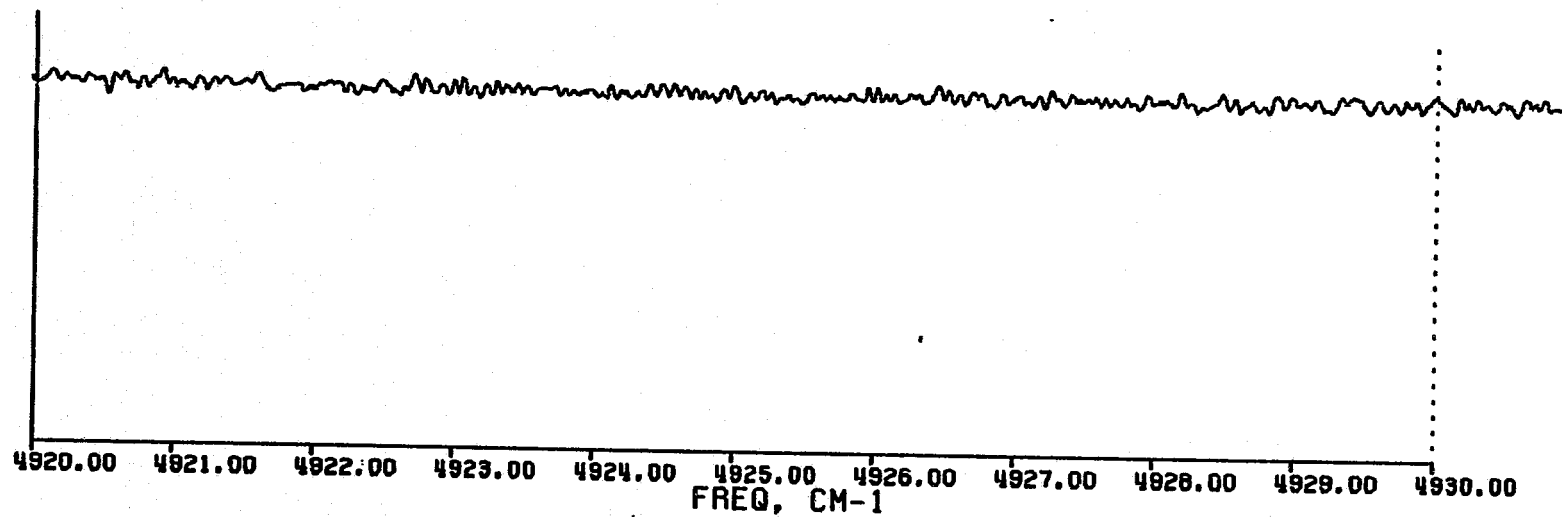
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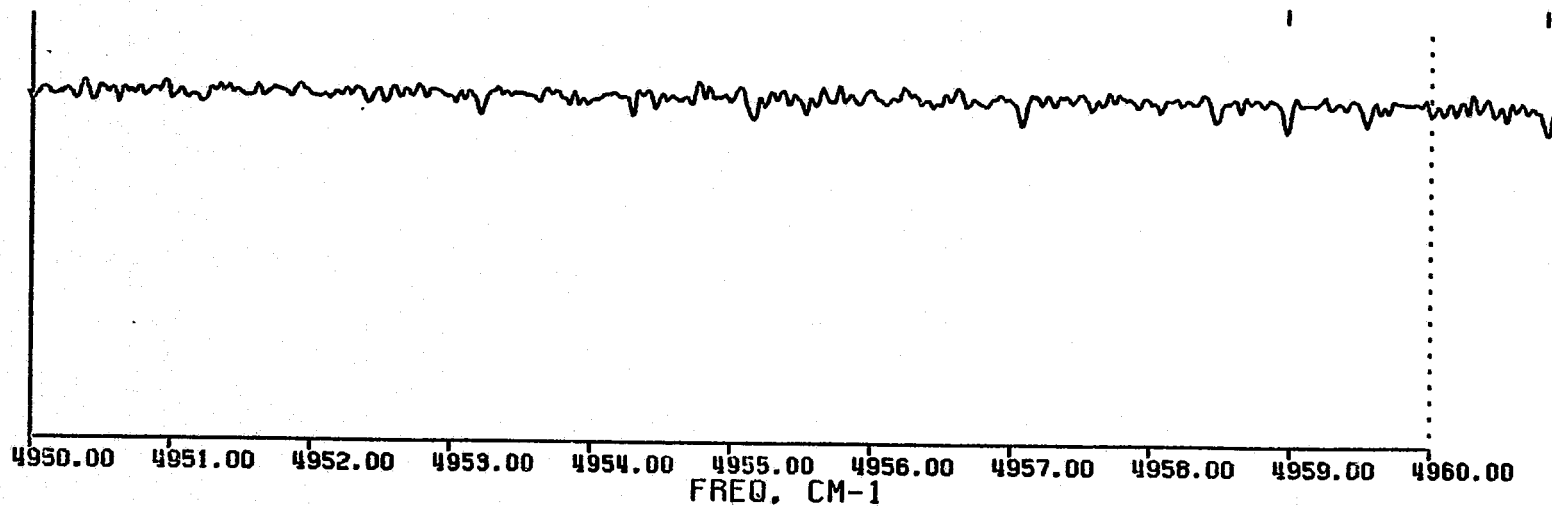
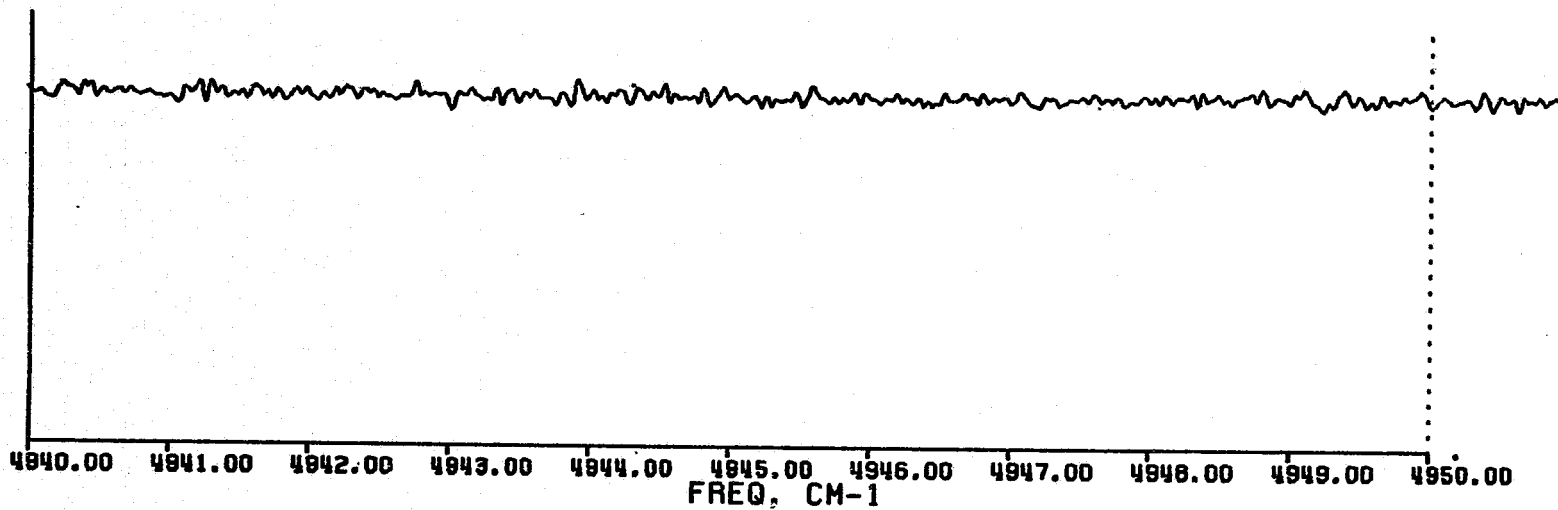
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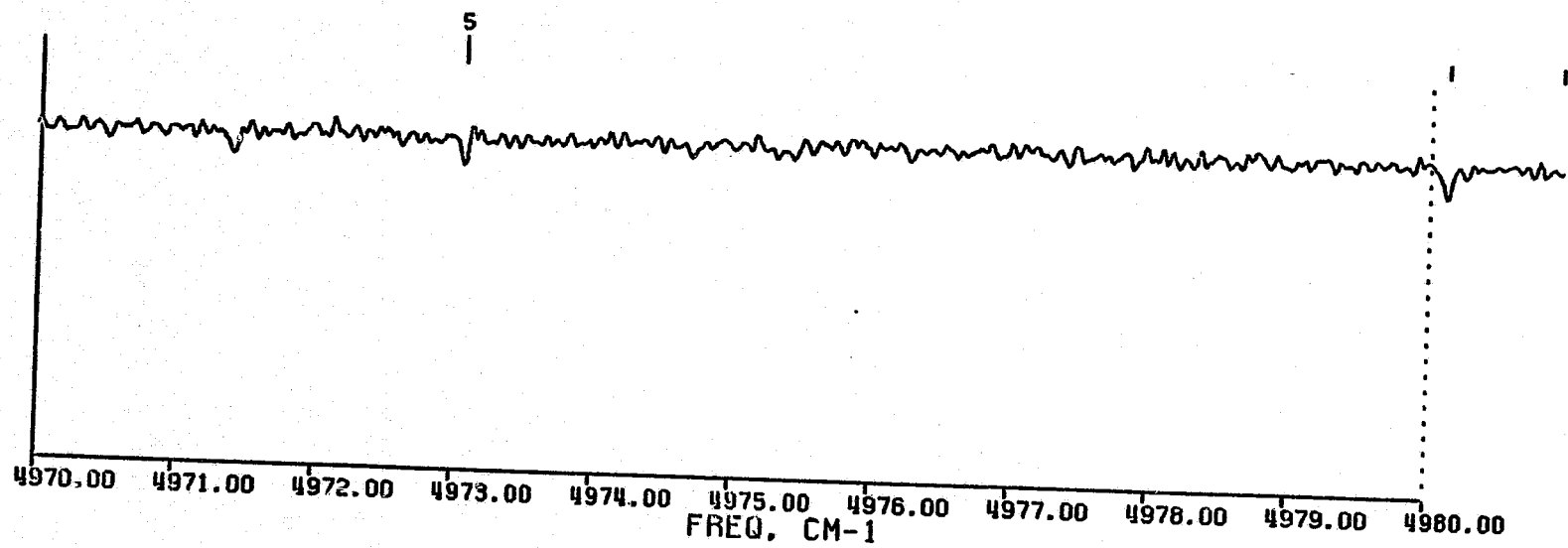
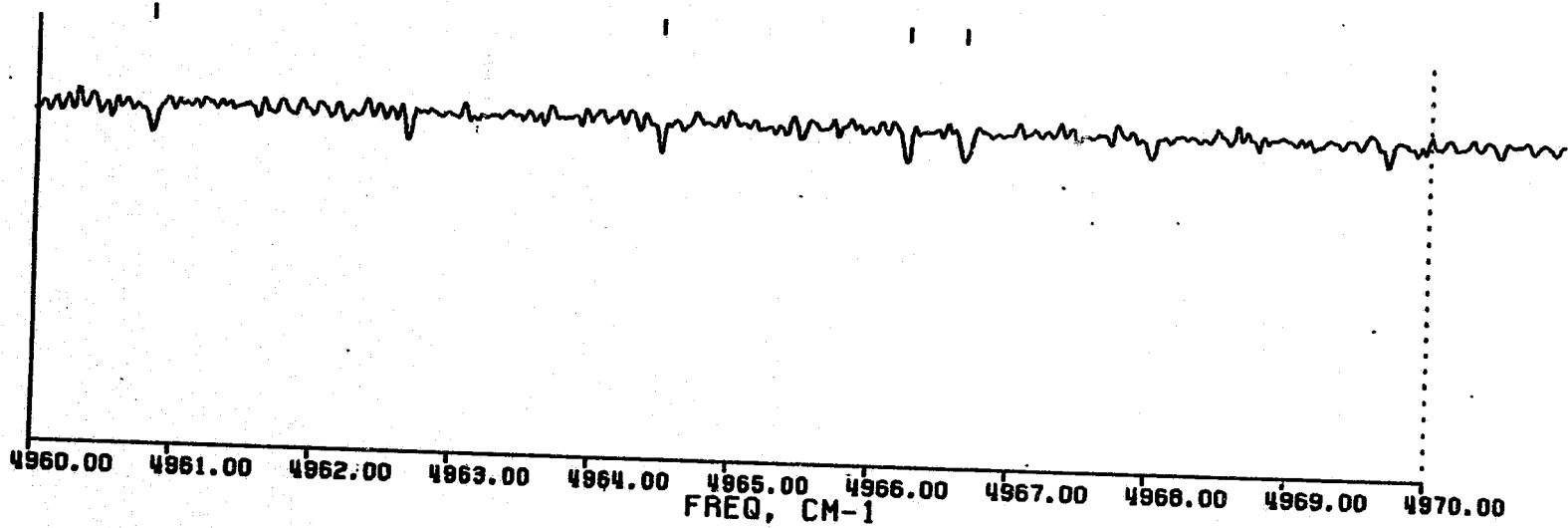
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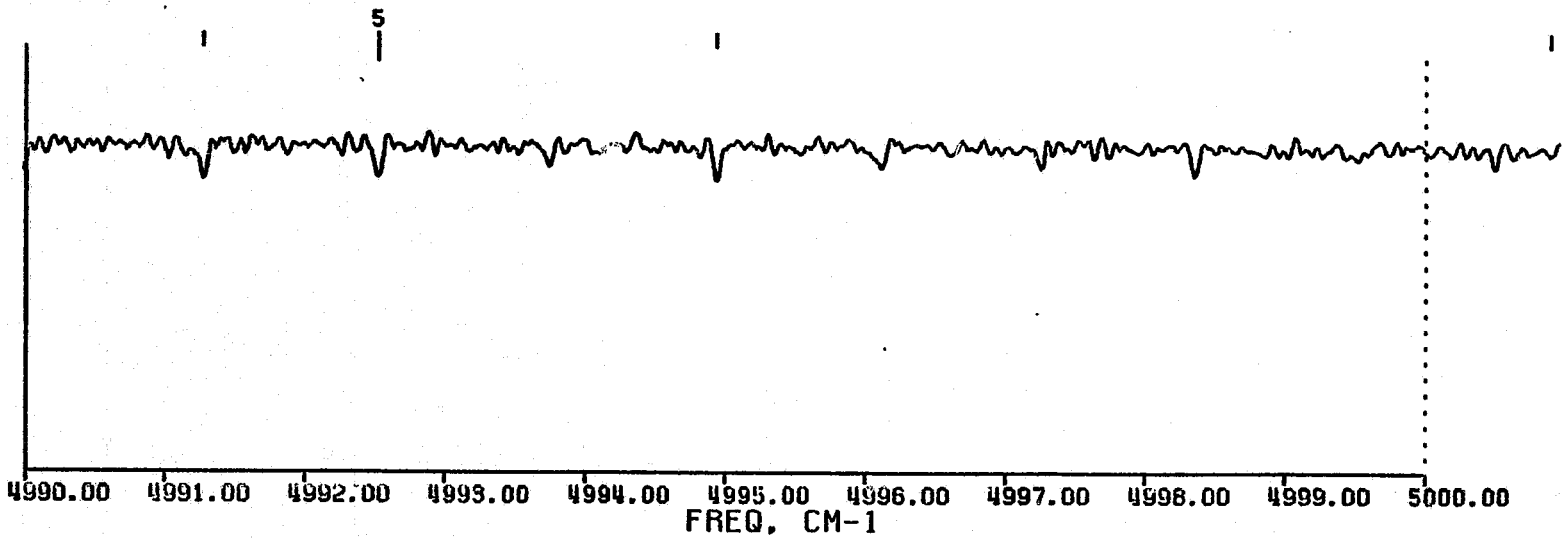
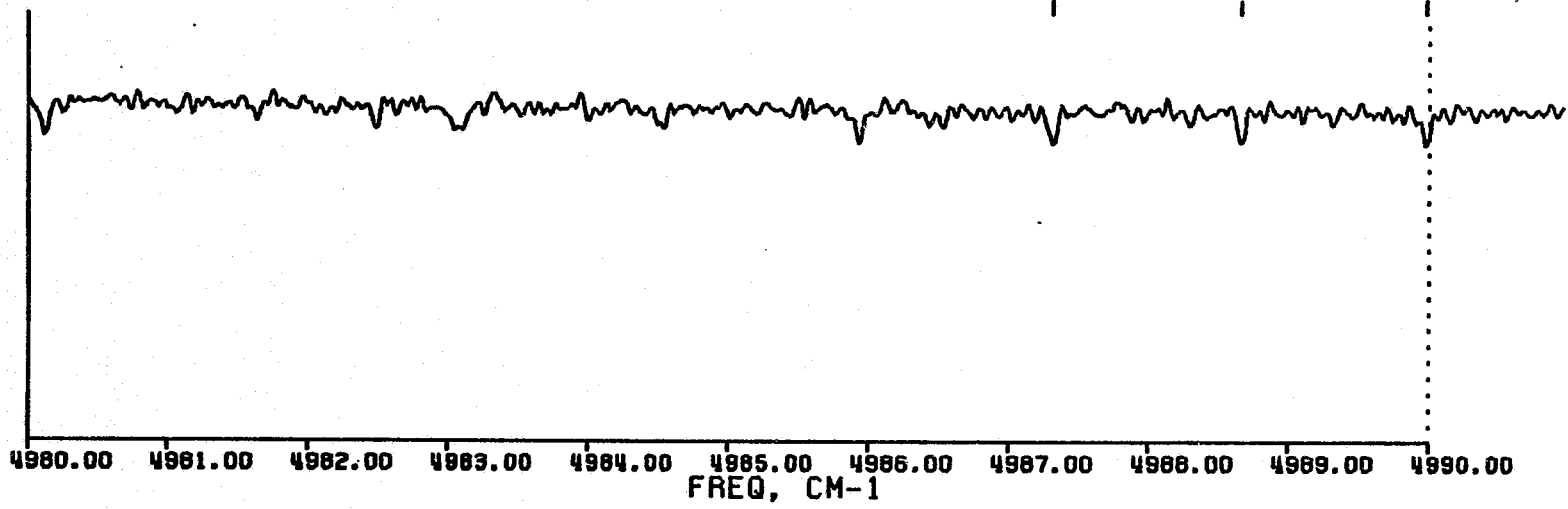
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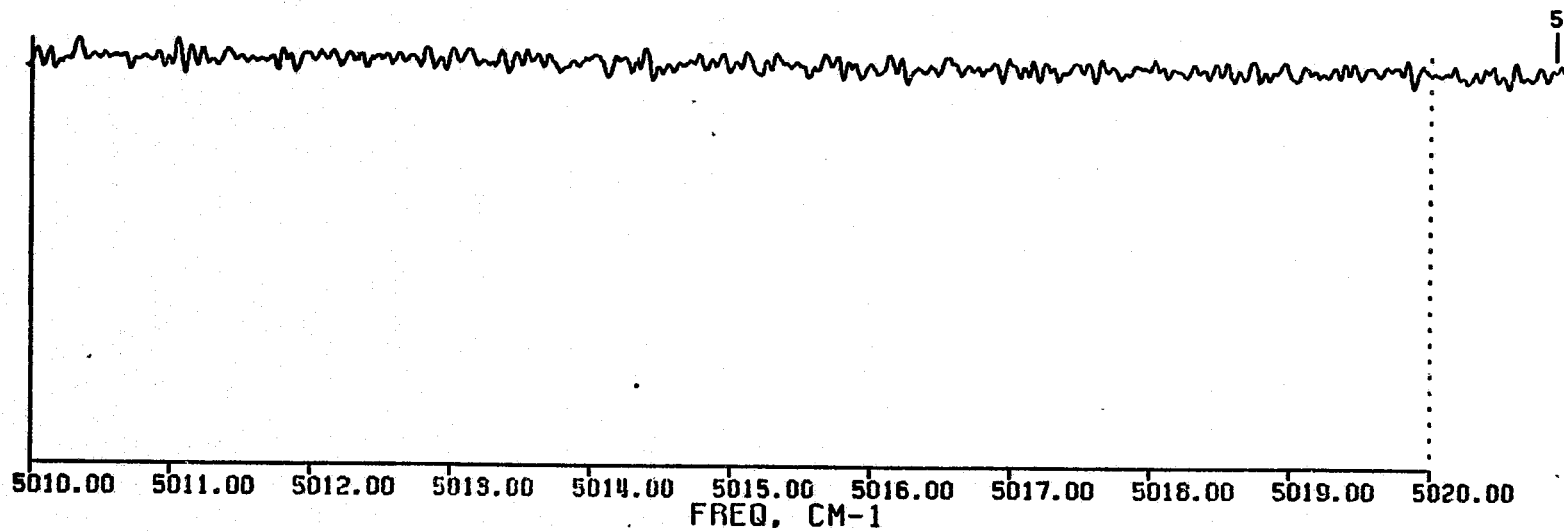
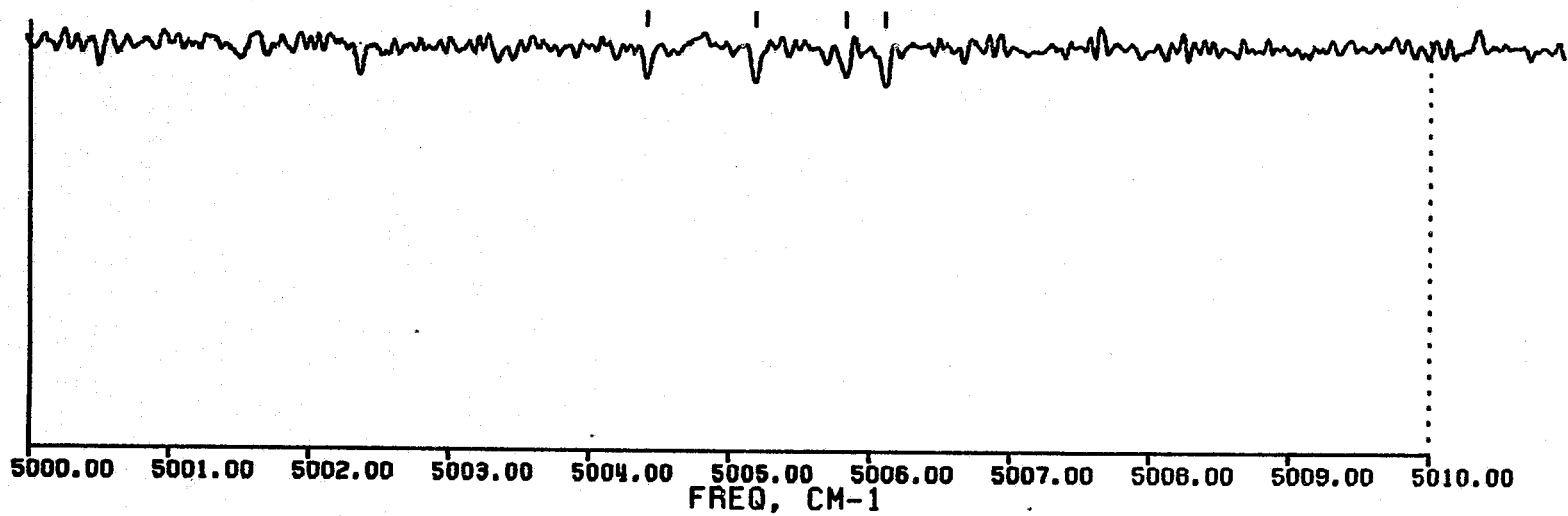
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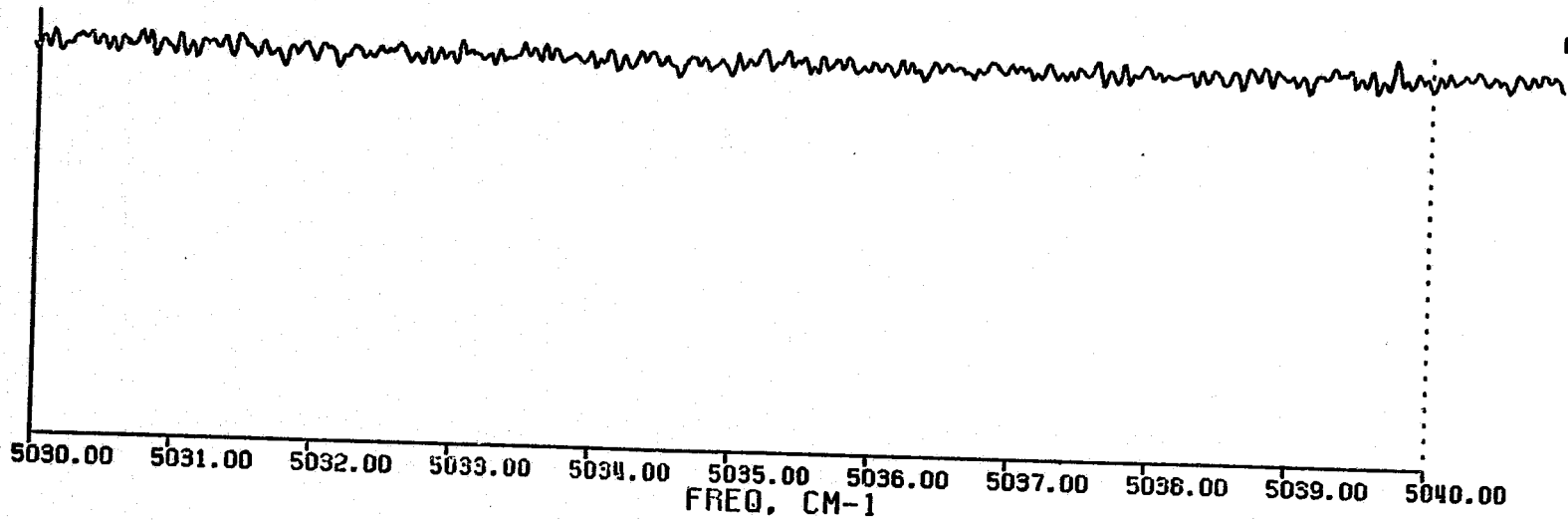
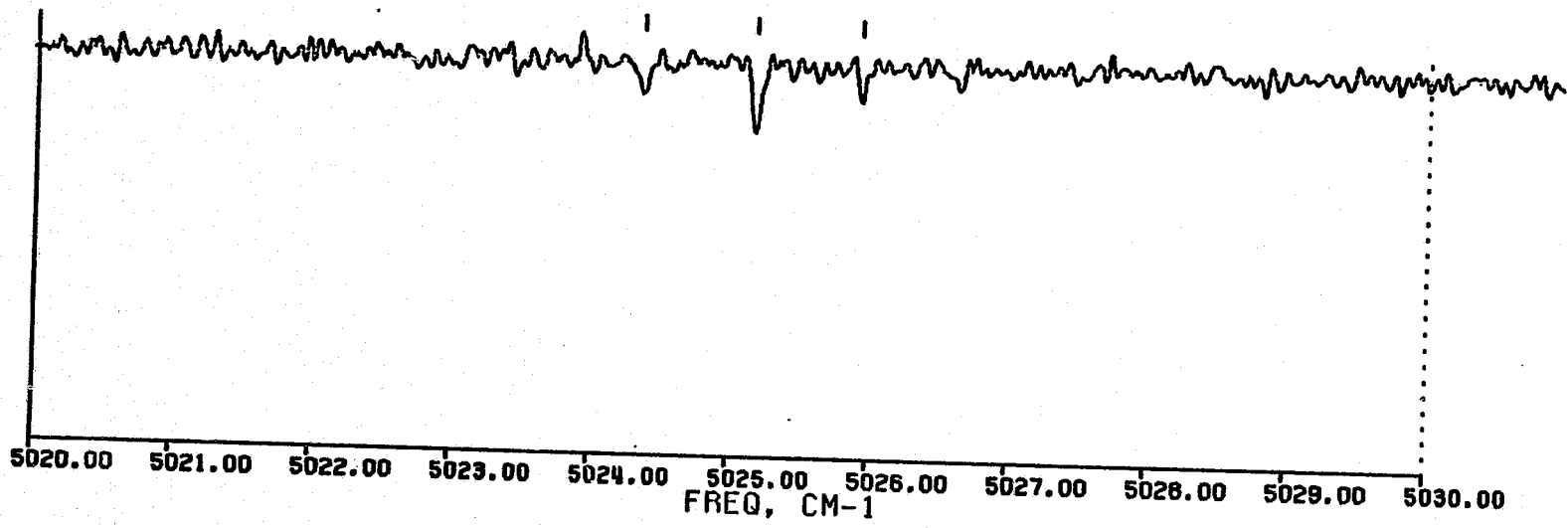
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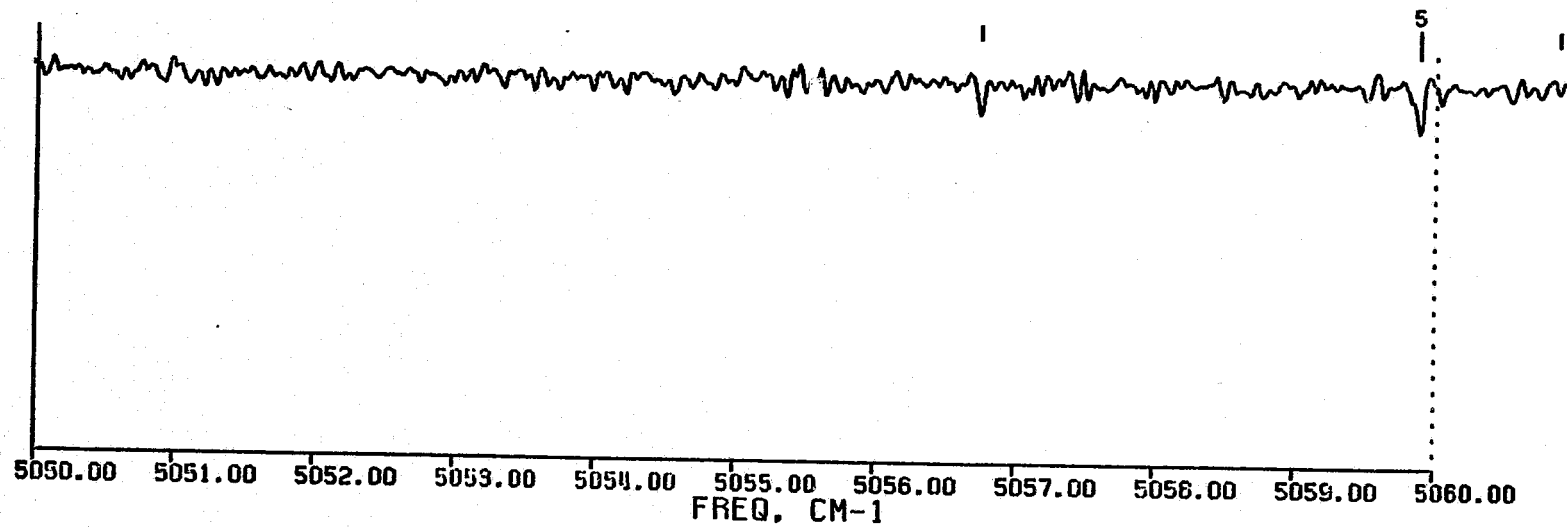
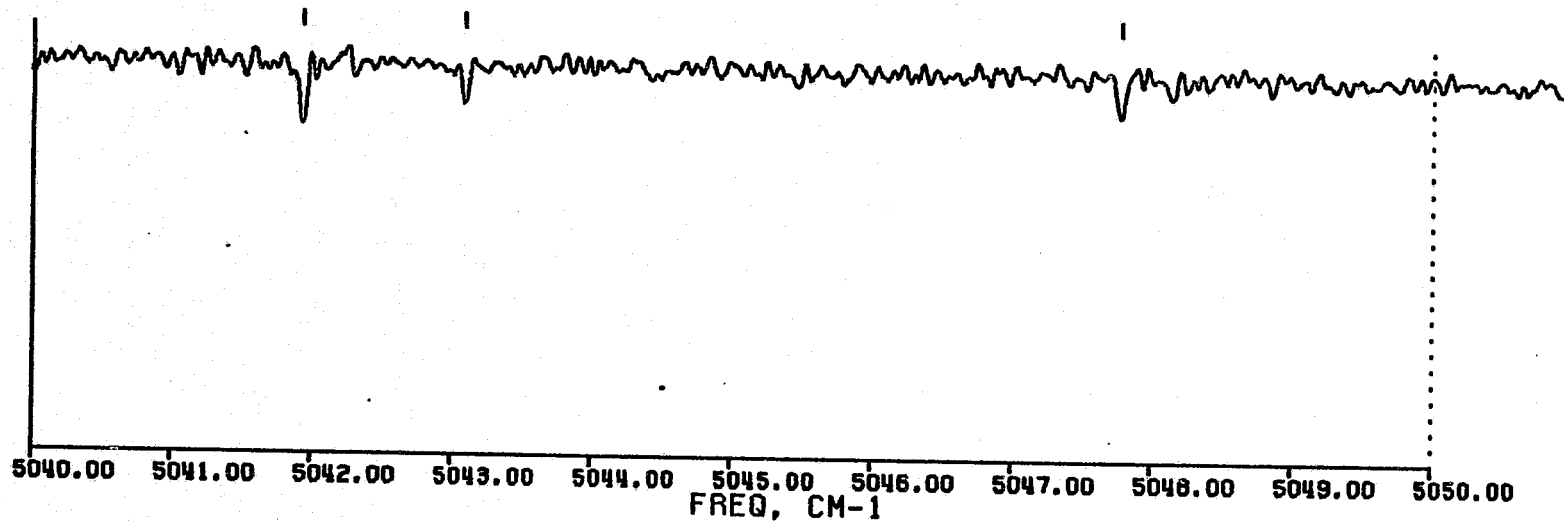
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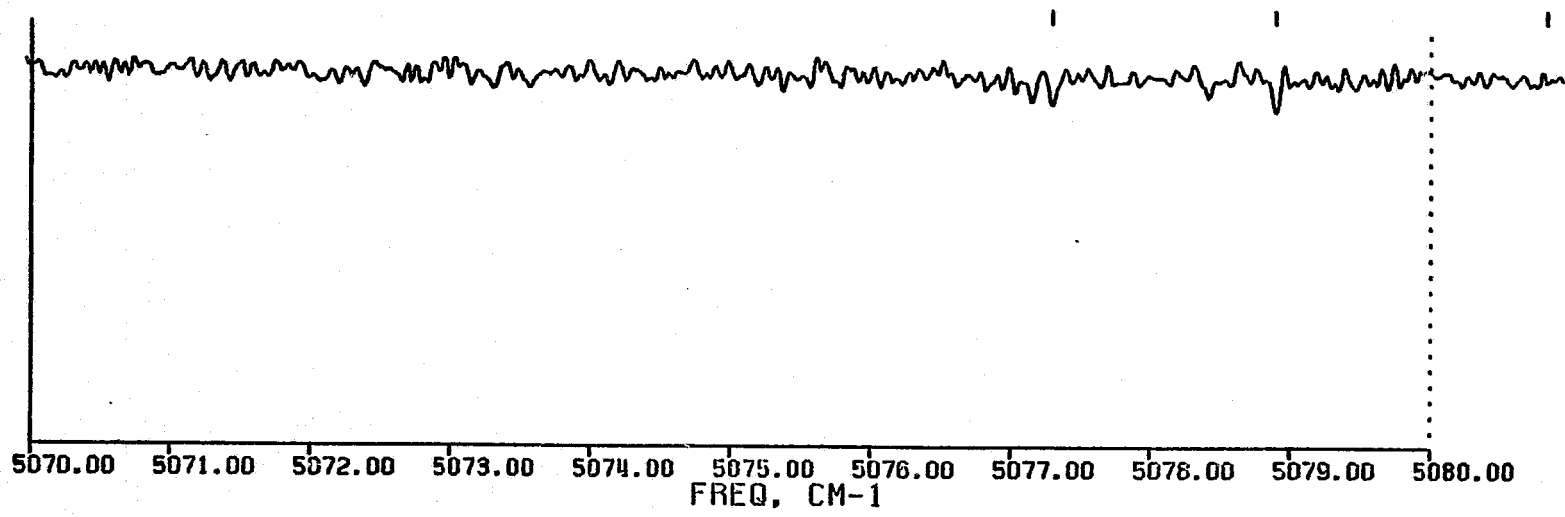
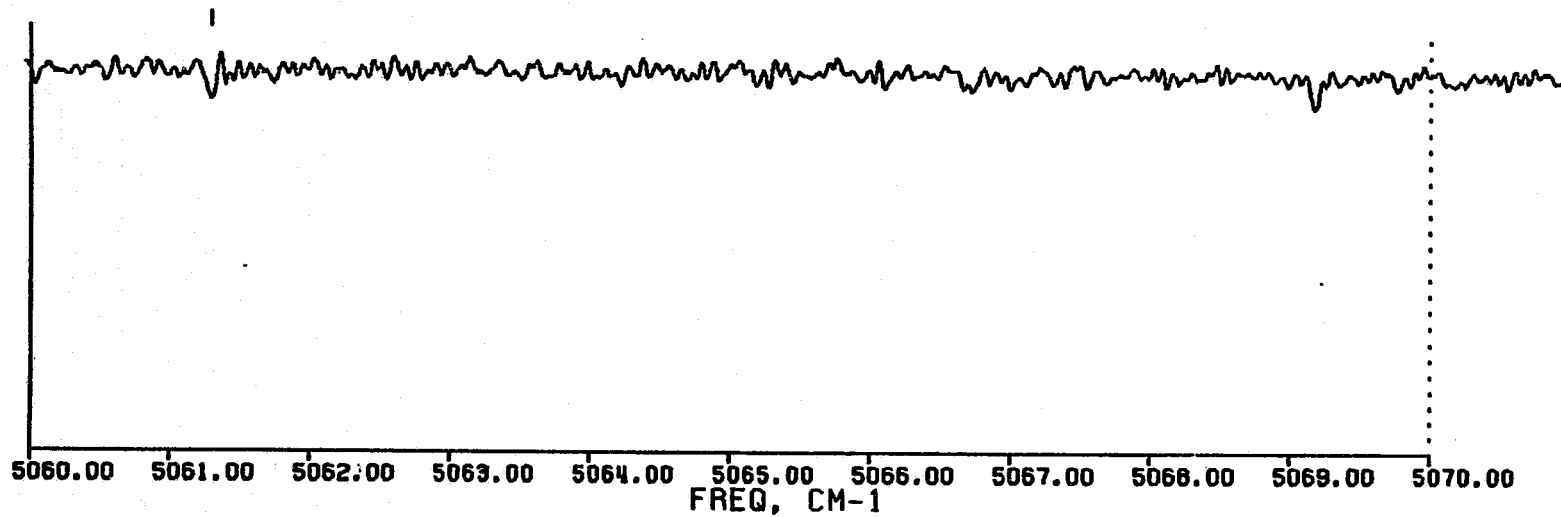
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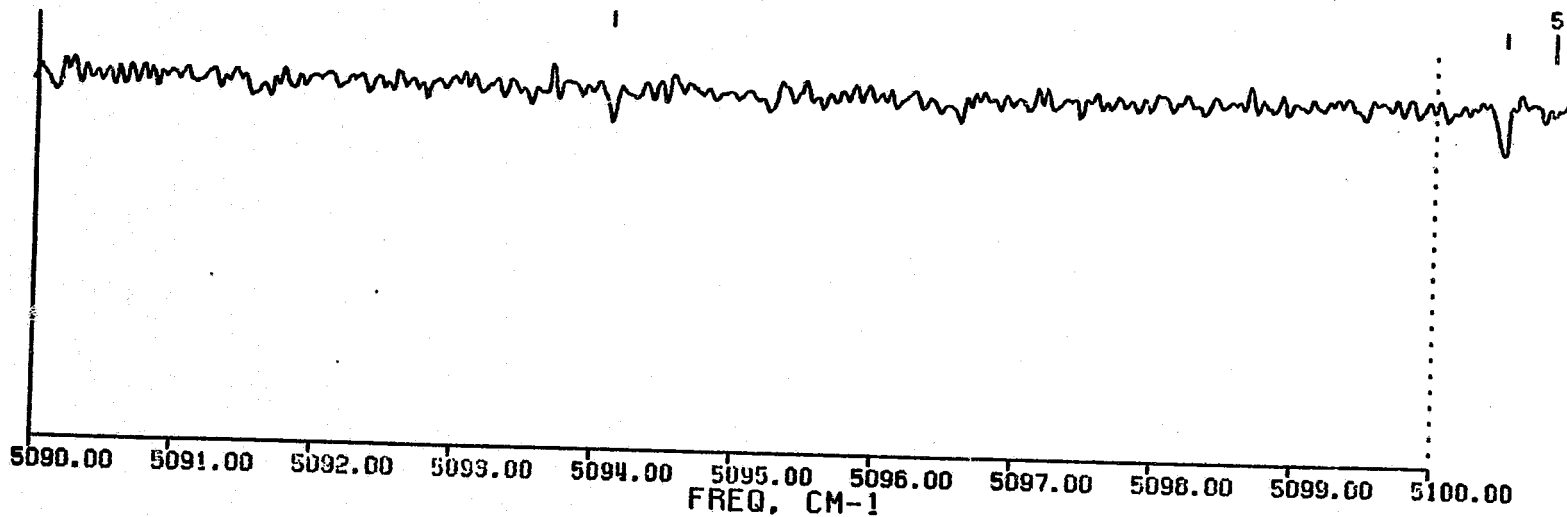
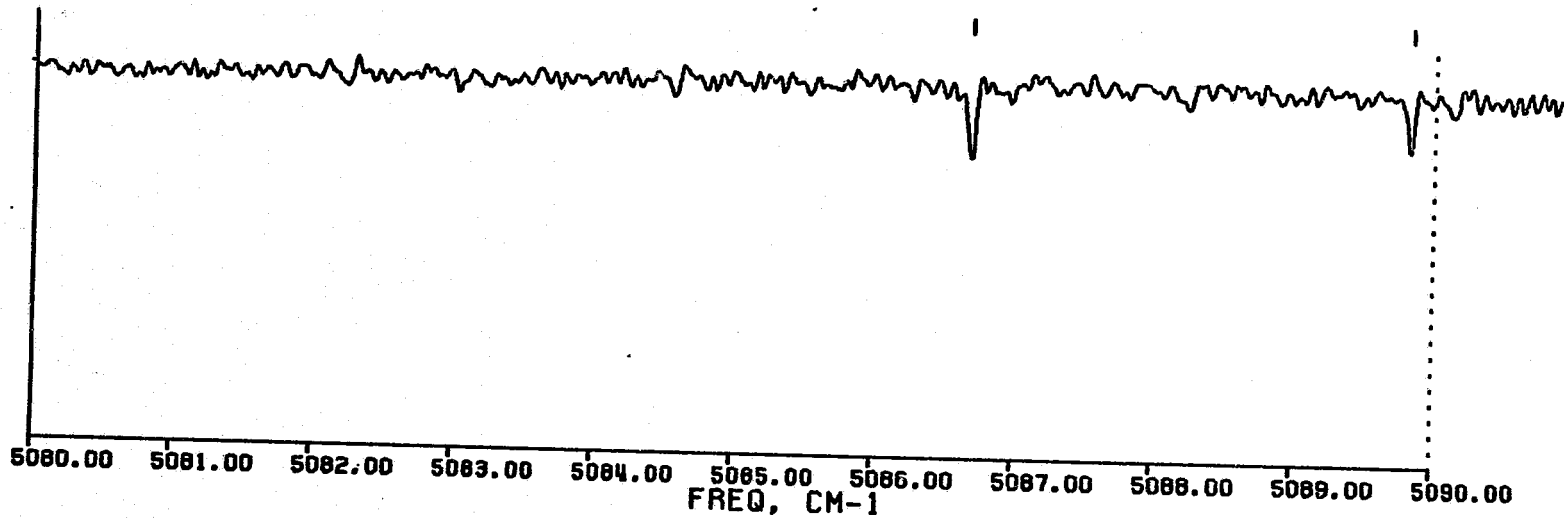
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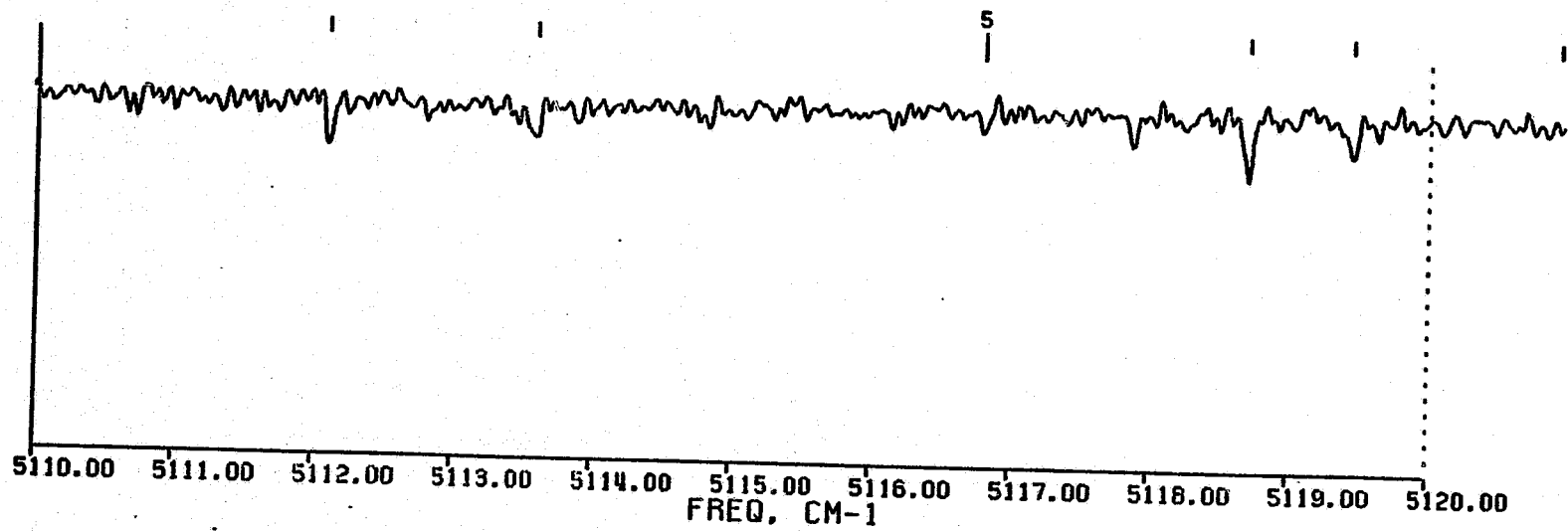
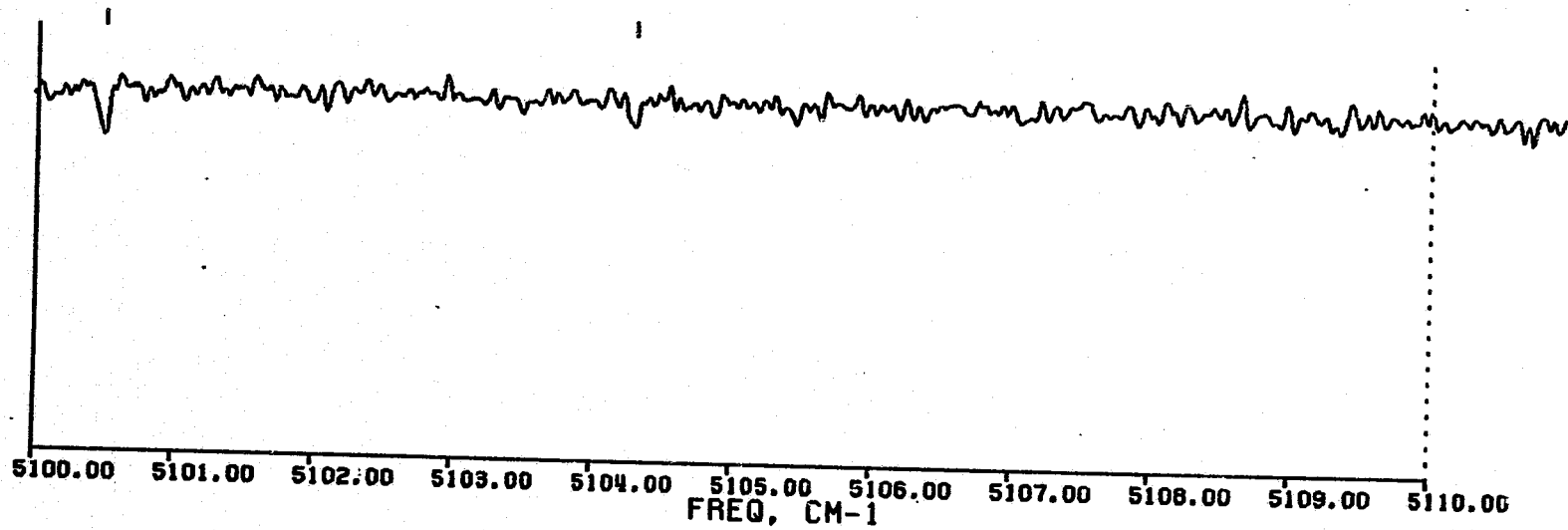
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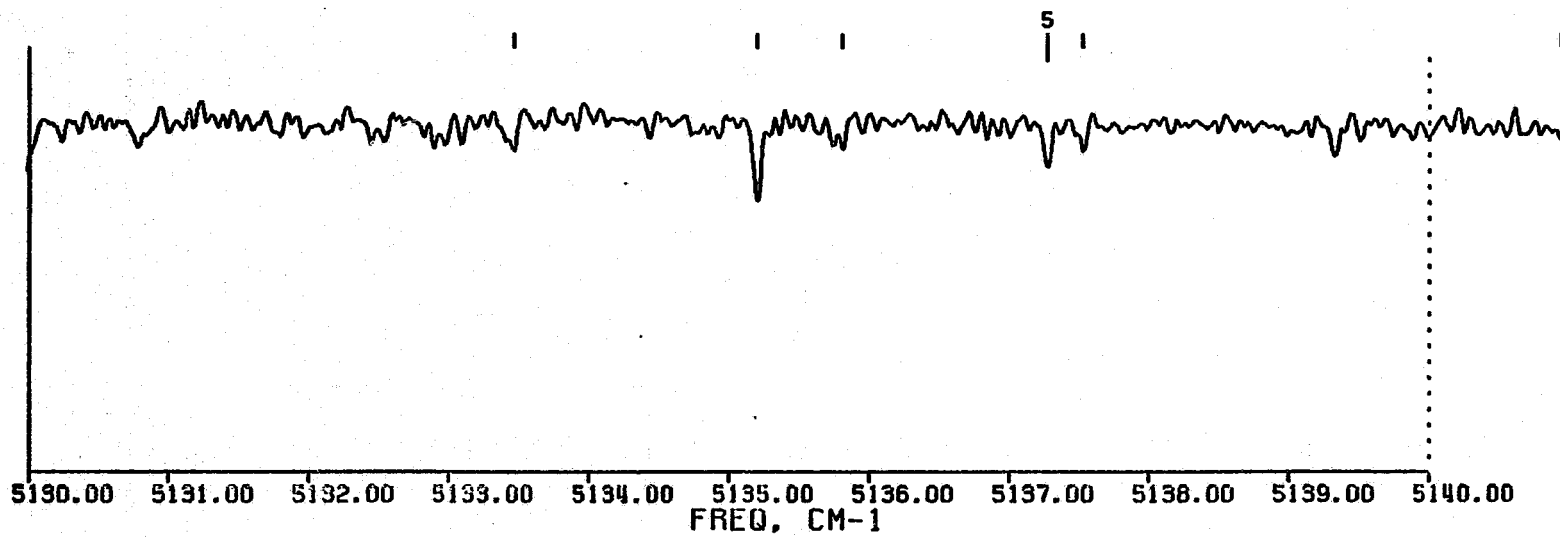
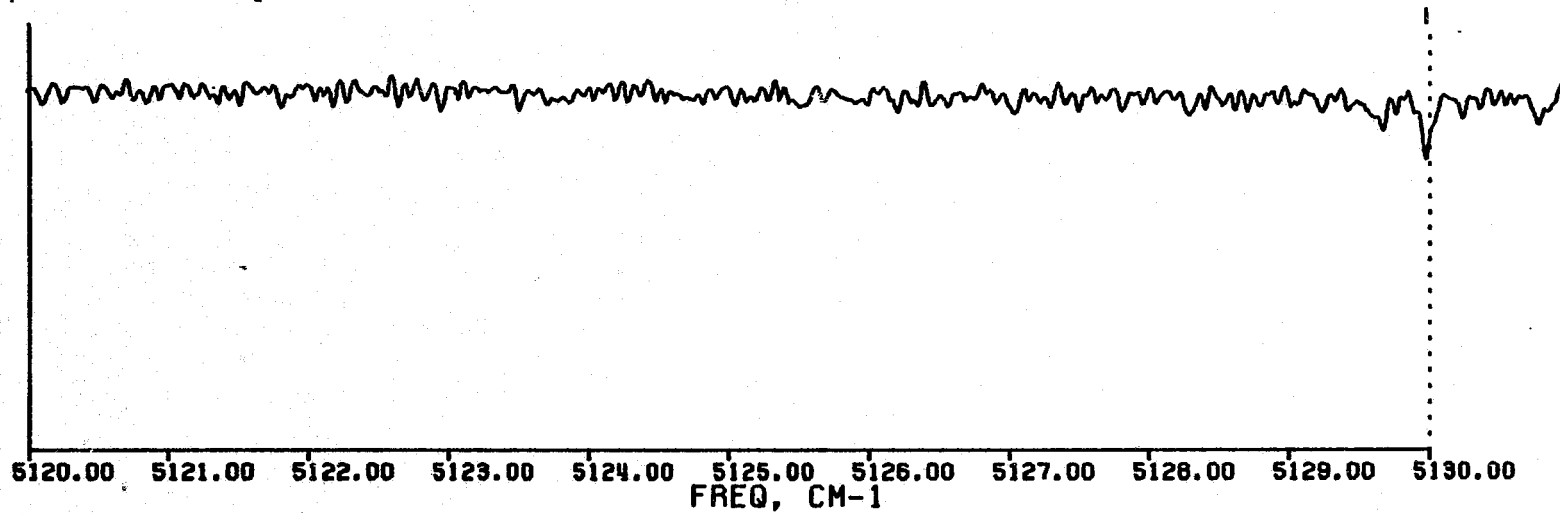
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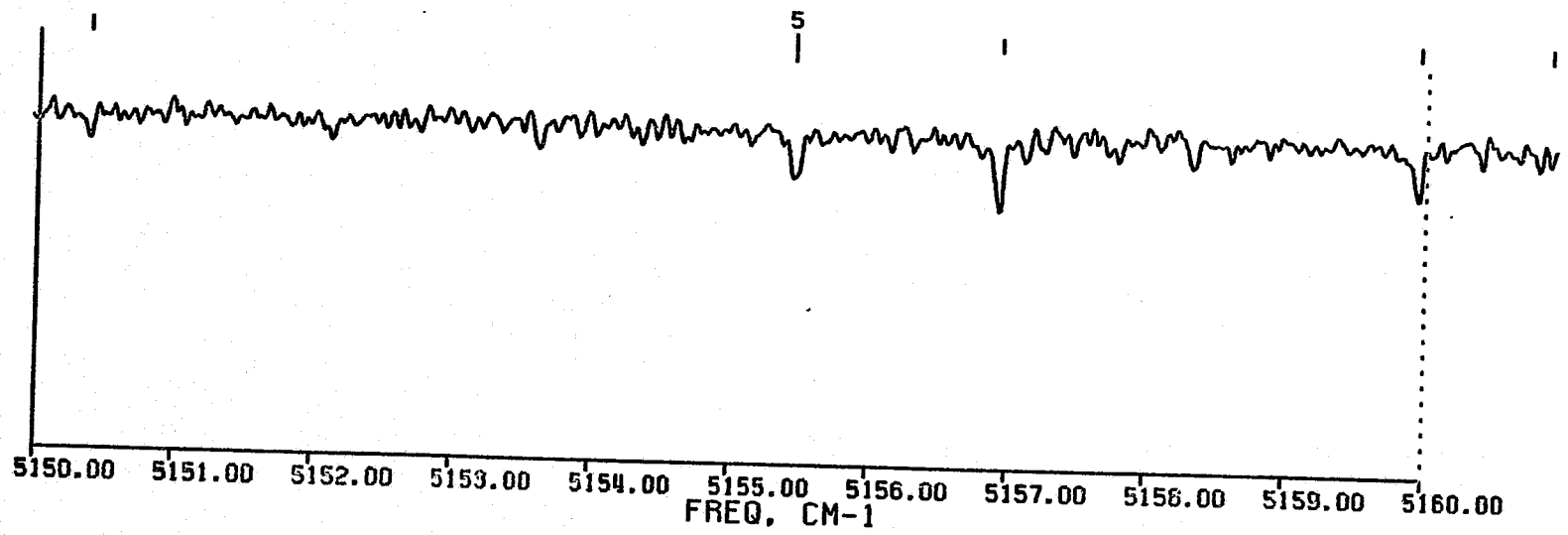
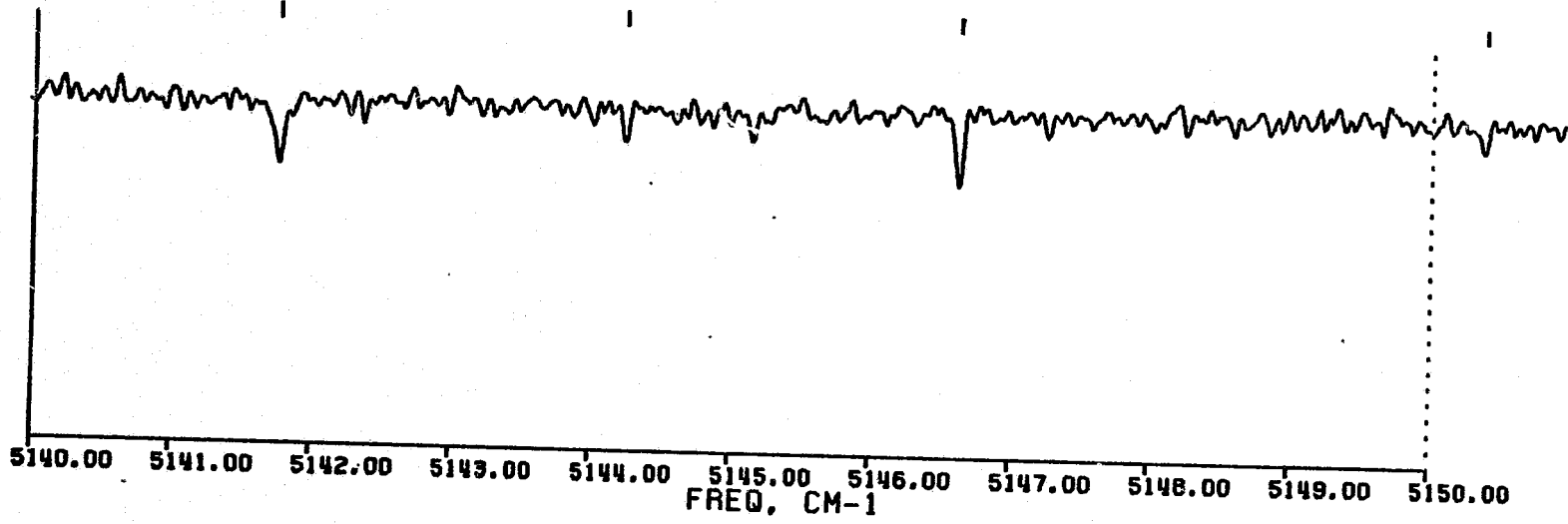
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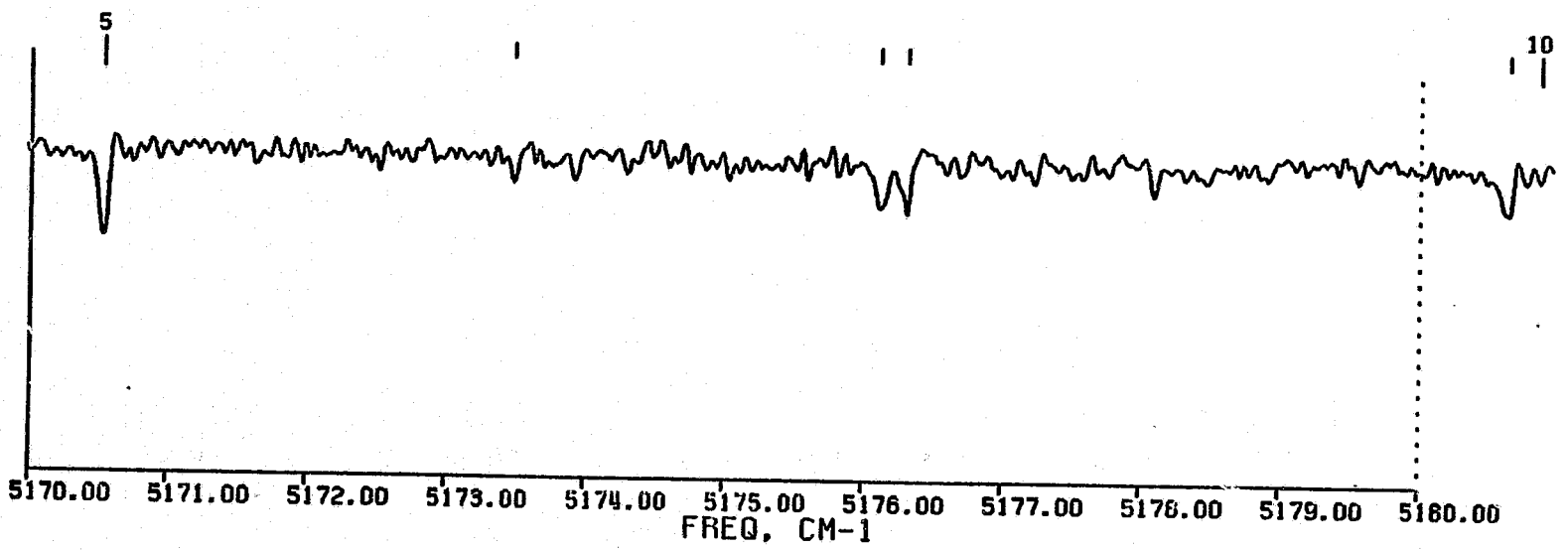
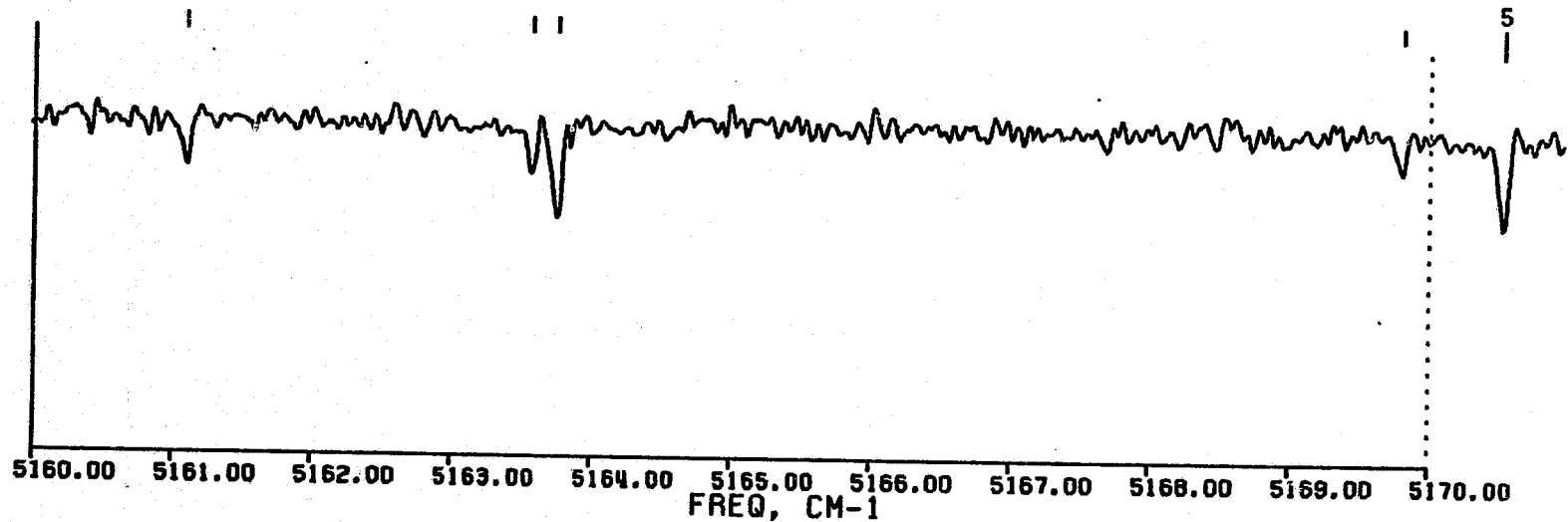
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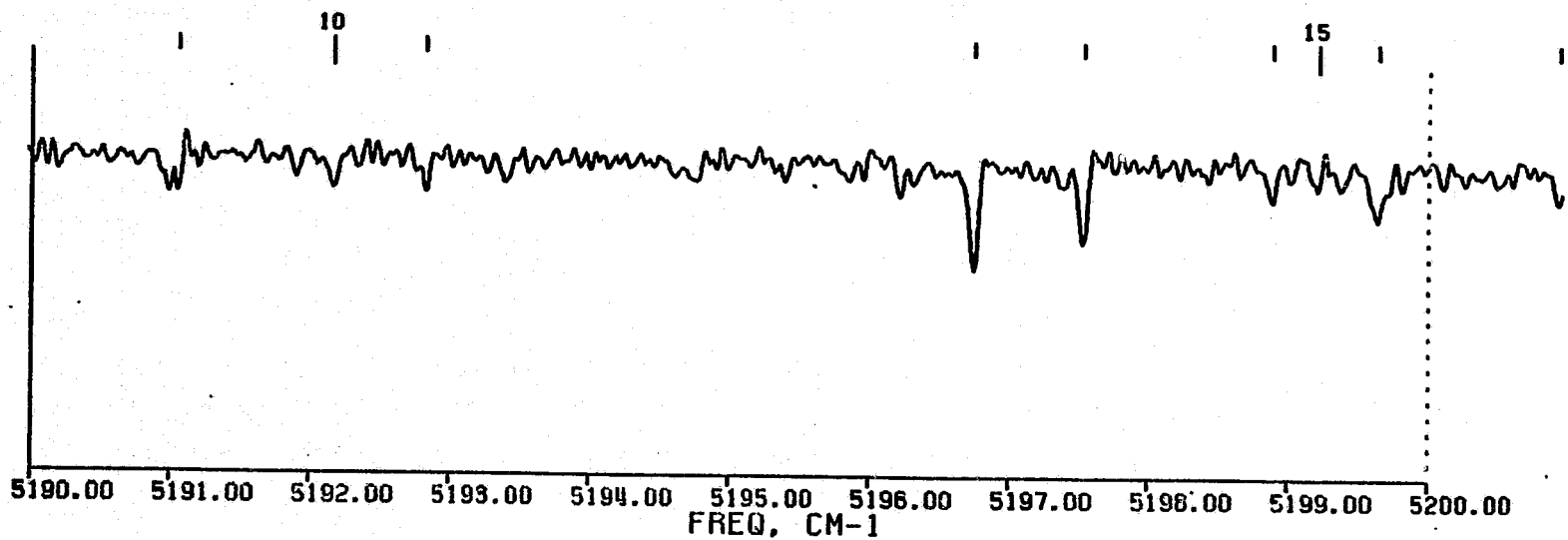
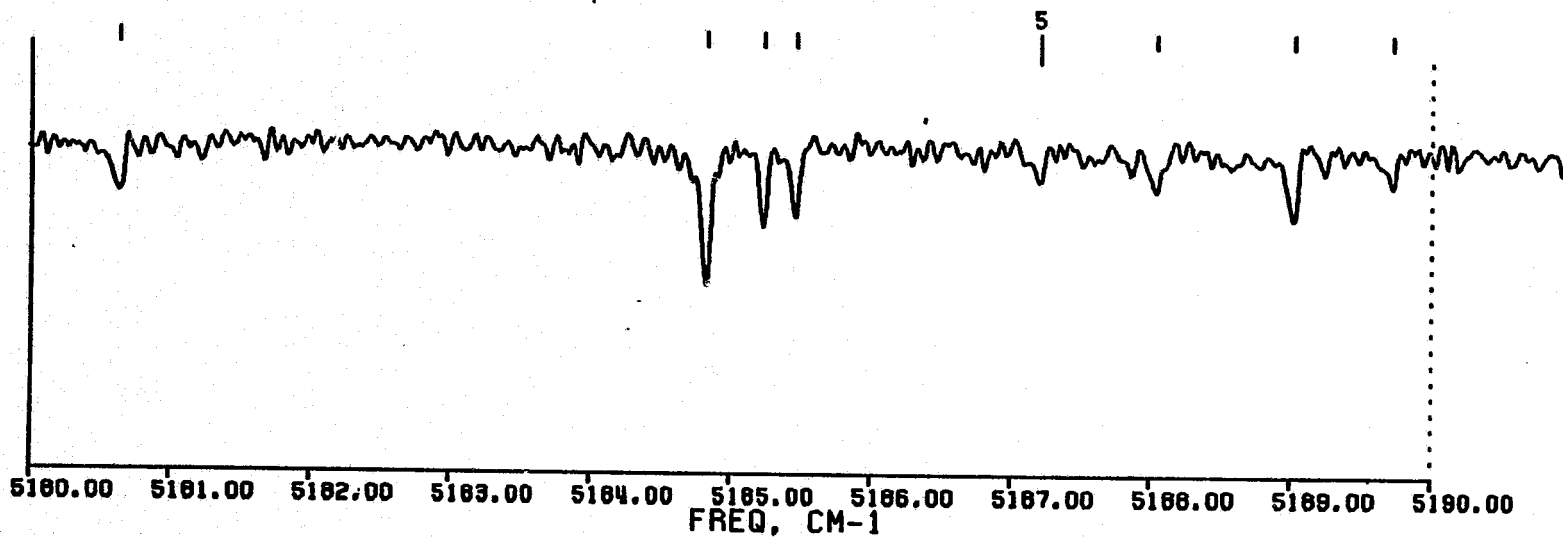
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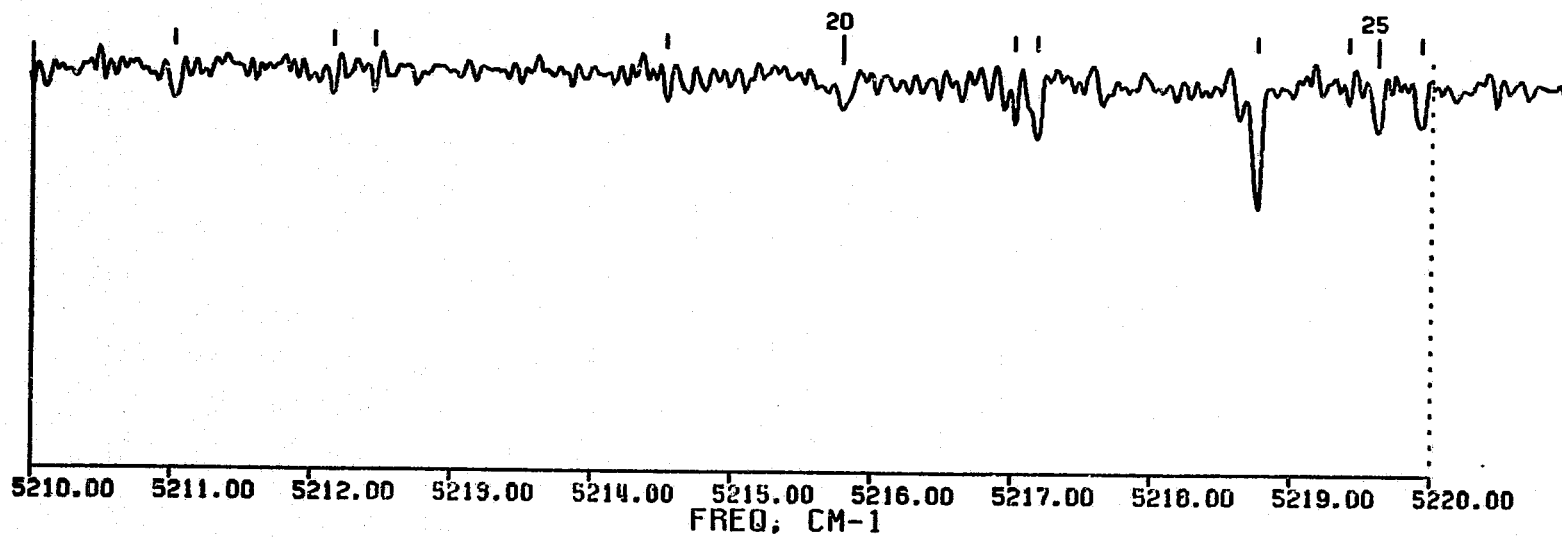
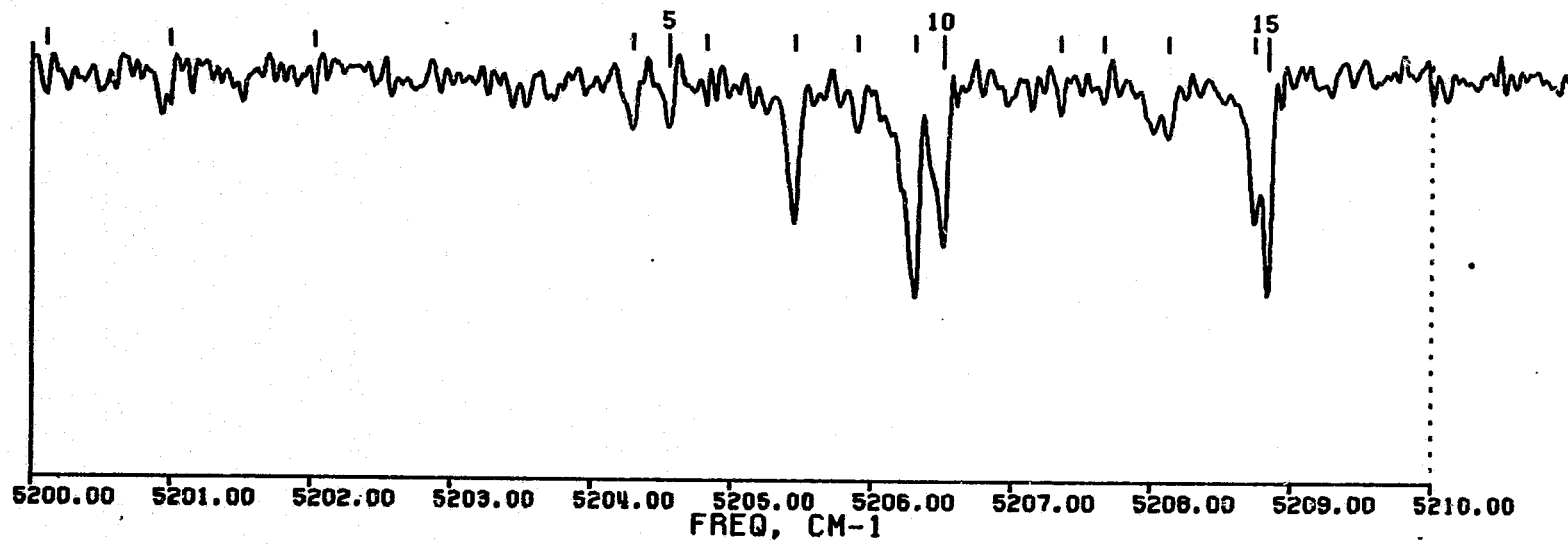
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10 92.163	92.827	96.748	97.528	98.881	99.207	99.635	100.930		



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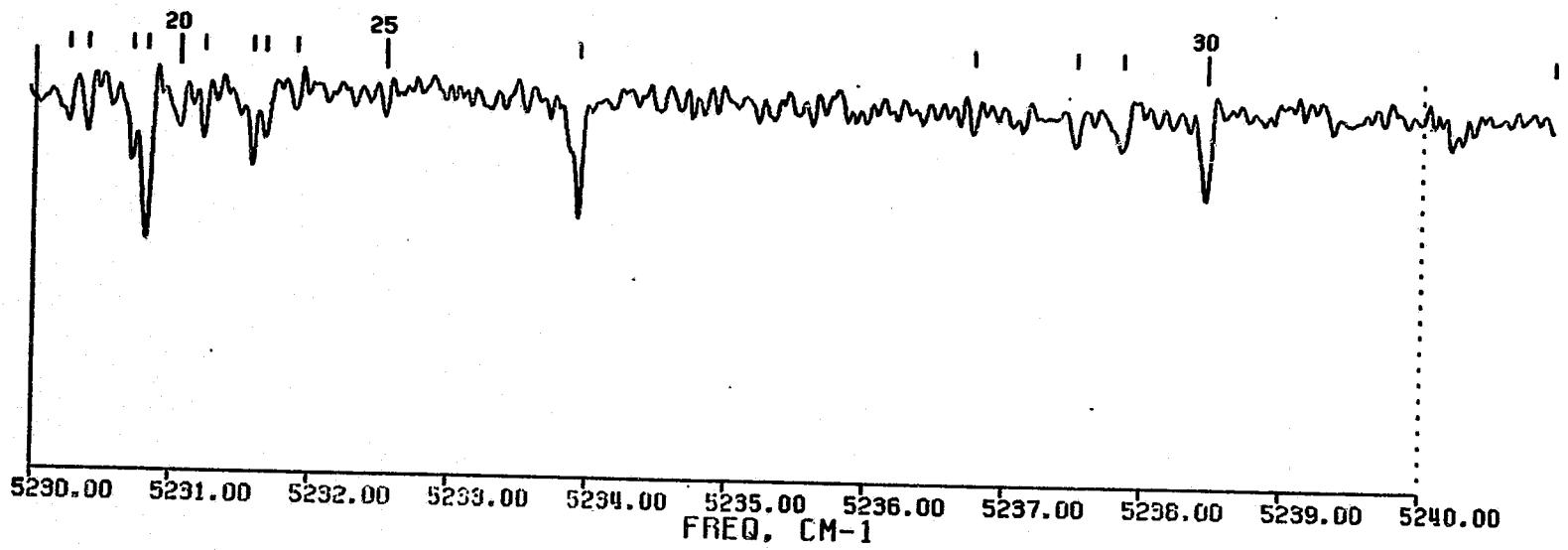
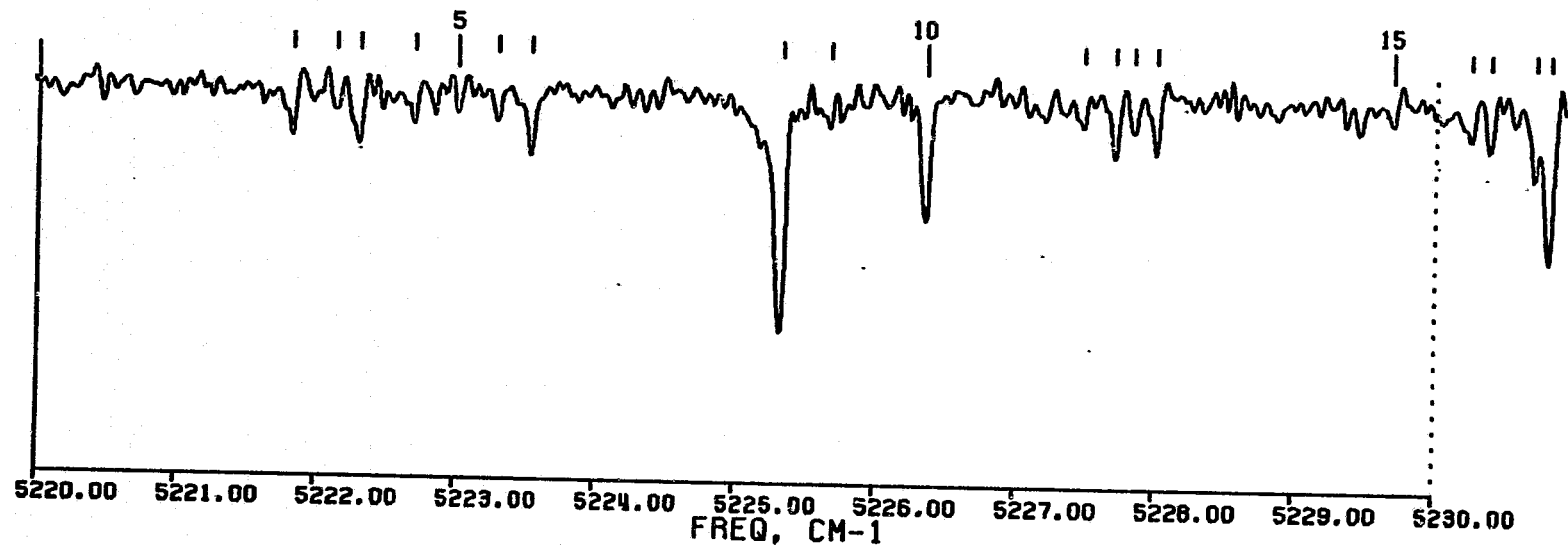
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10	6.514	7.350	7.653	8.116	8.736	8.828	11.017	12.153	12.446	14.538
20	15.792	17.023	17.181	18.758	19.404	19.614	19.924	20.957		



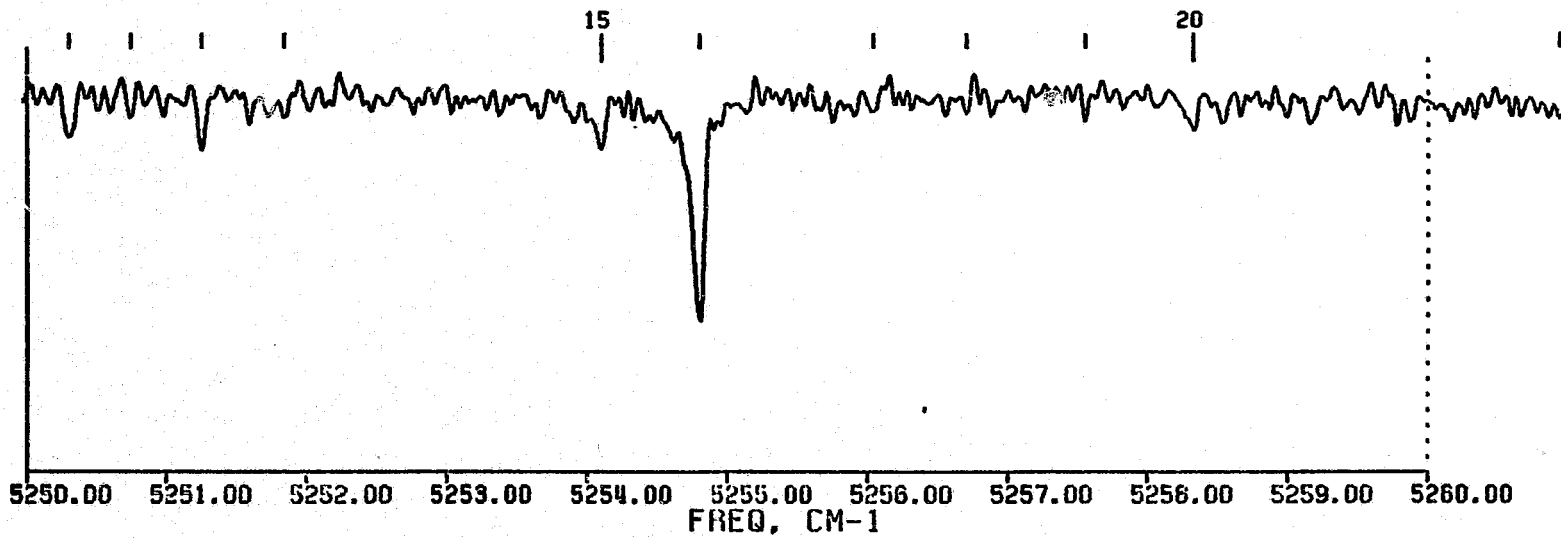
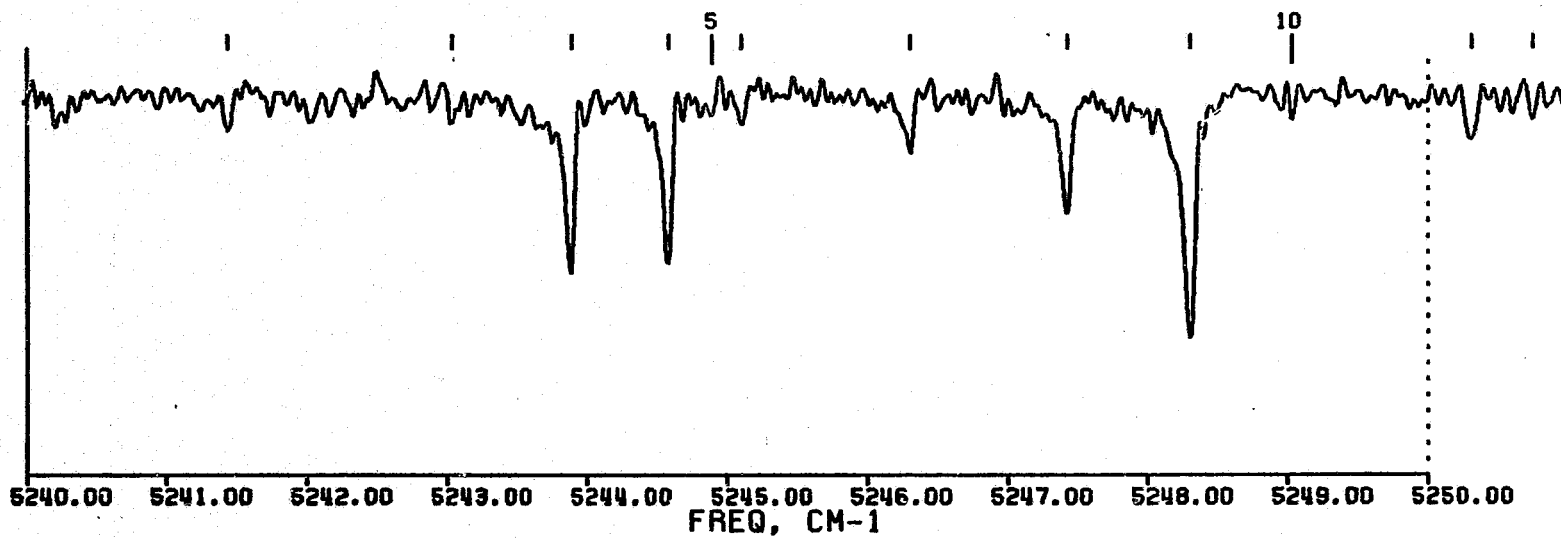
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10	26.356	27.473	27.700	27.835	27.992	29.692	30.248	30.384	30.706	30.812
20	31.048	31.221	31.577	31.667	31.884	32.528	33.926	36.764	37.501	37.836
30	38.445	40.934								

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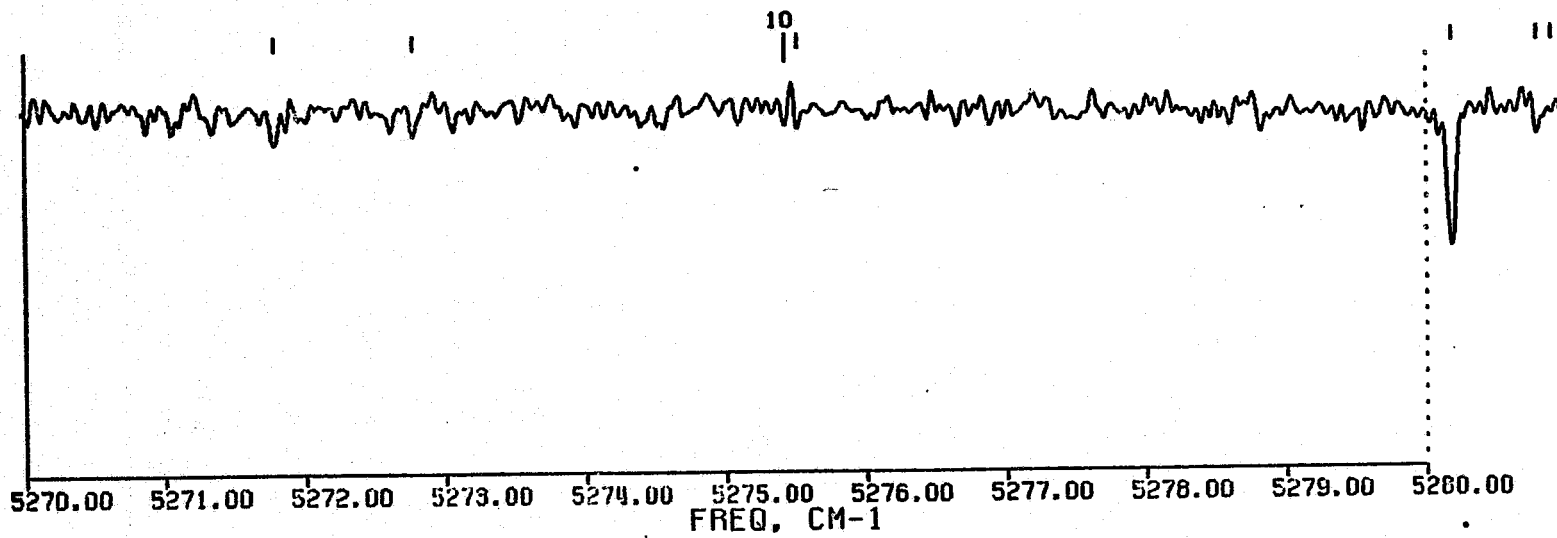
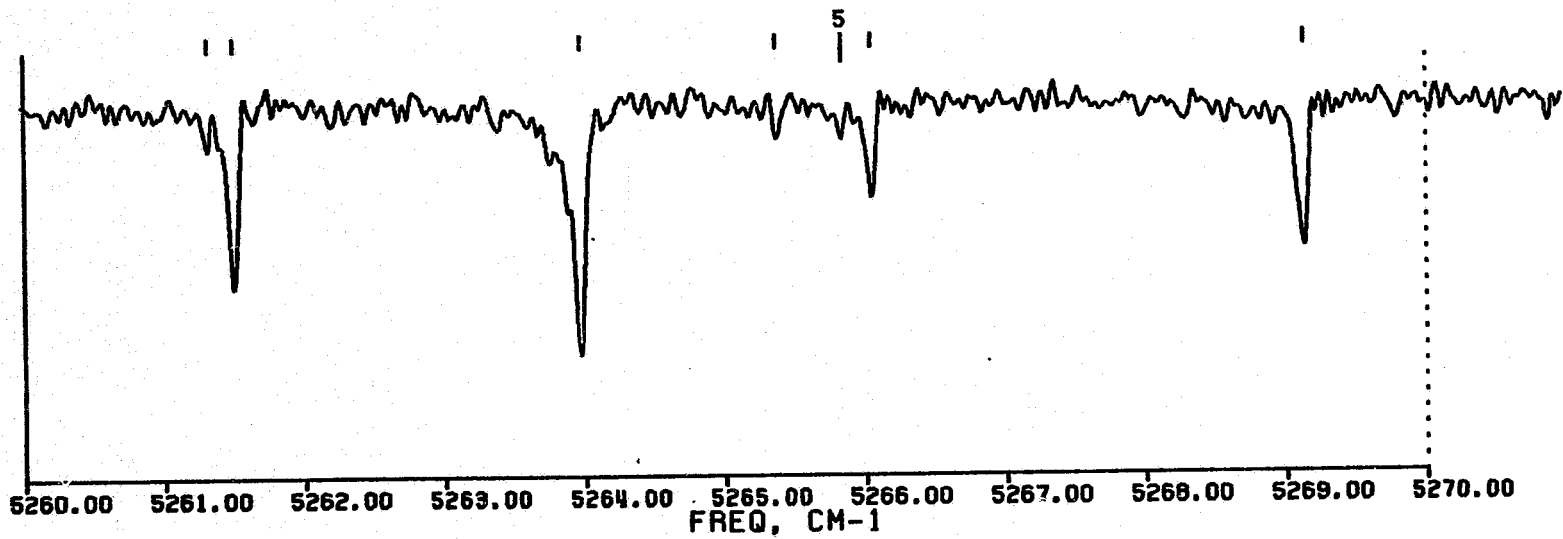


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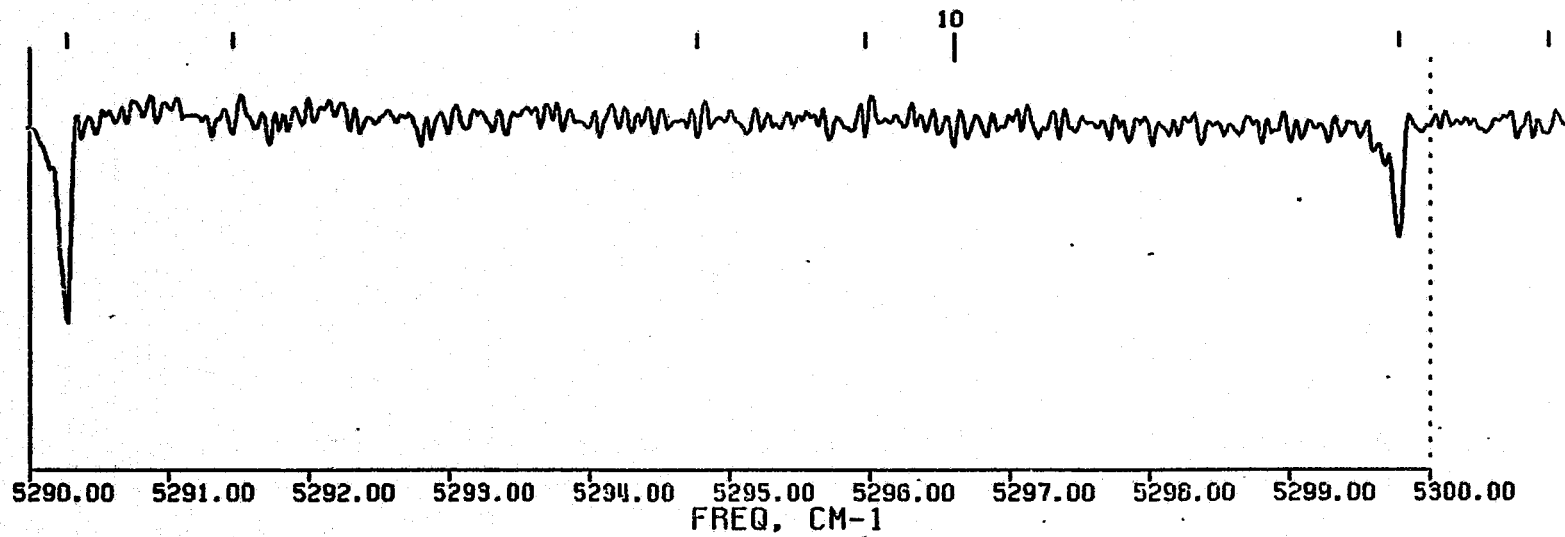
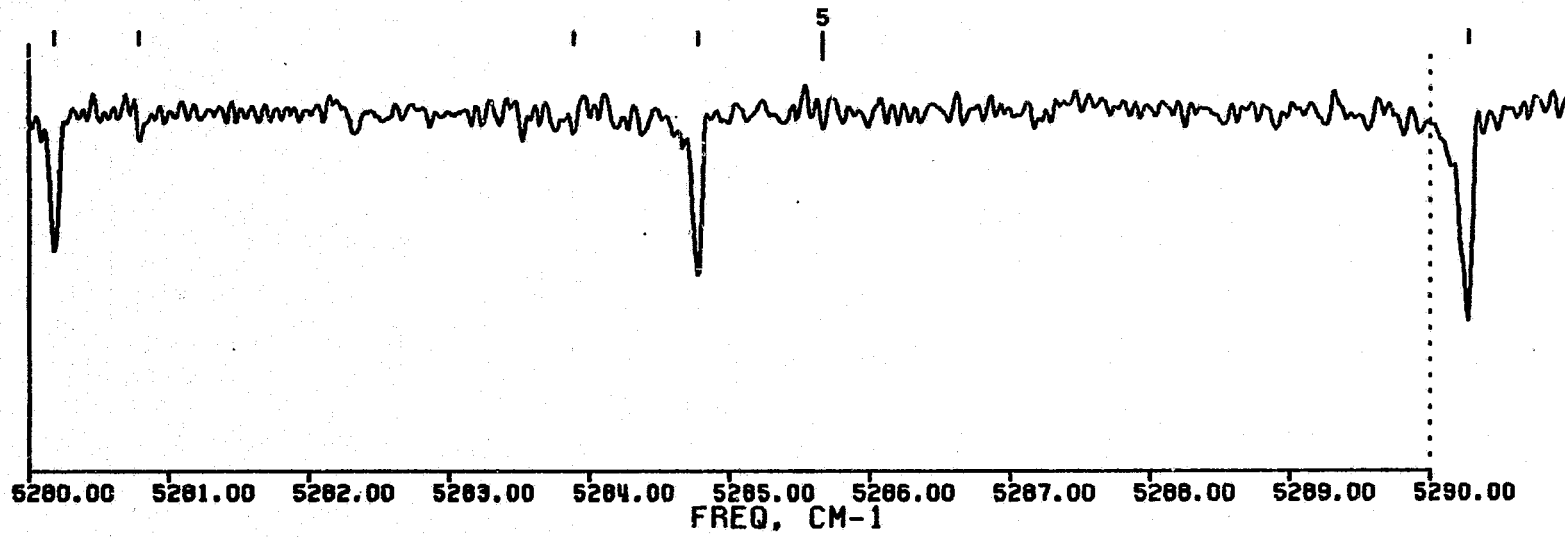
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10 75.428	75.521	80.185	80.792	80.901					



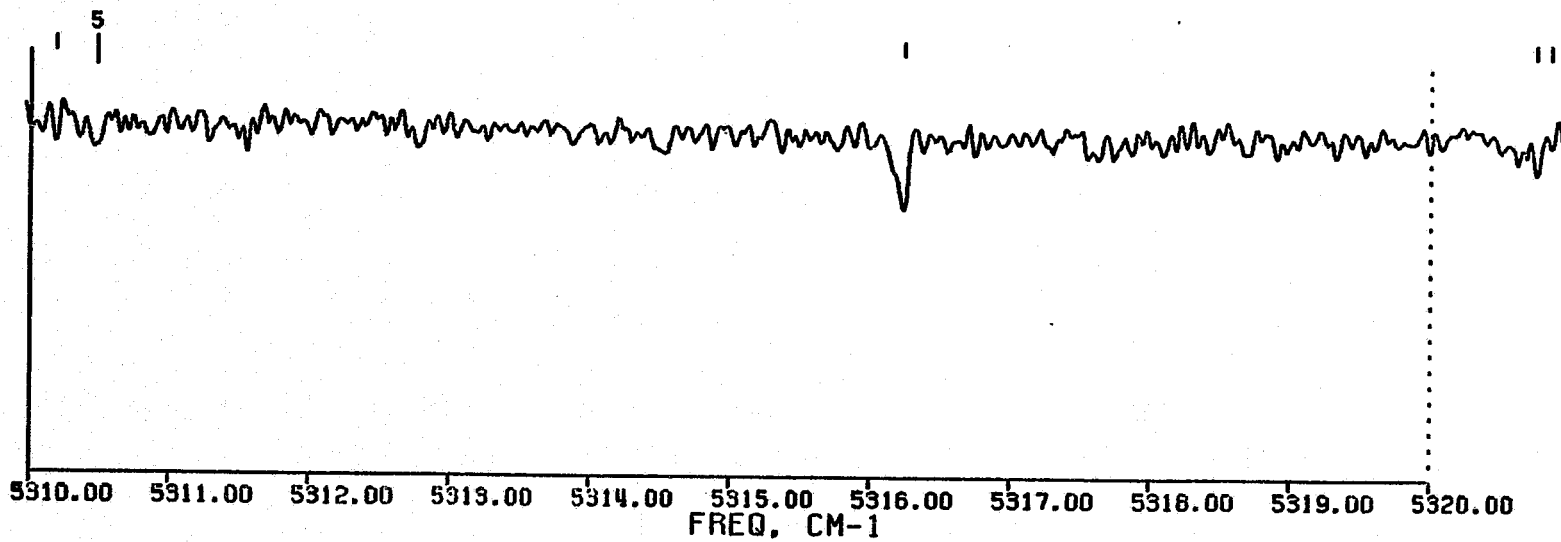
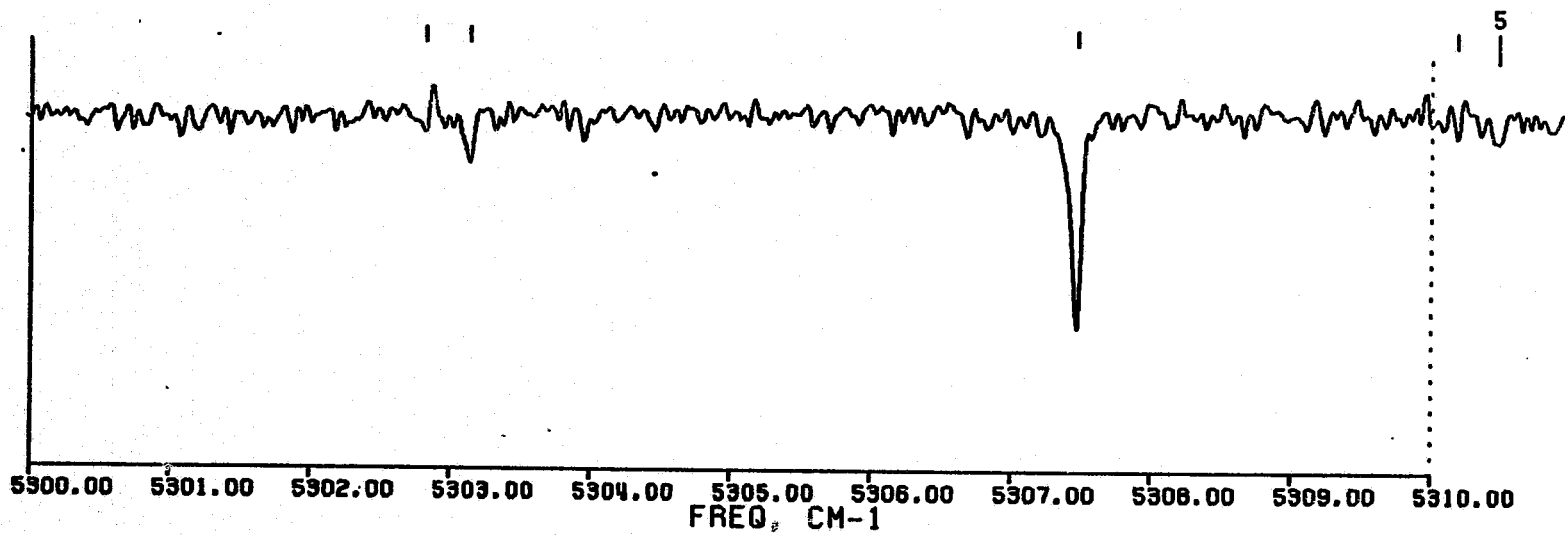
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10 96.602	99.777	100.836							



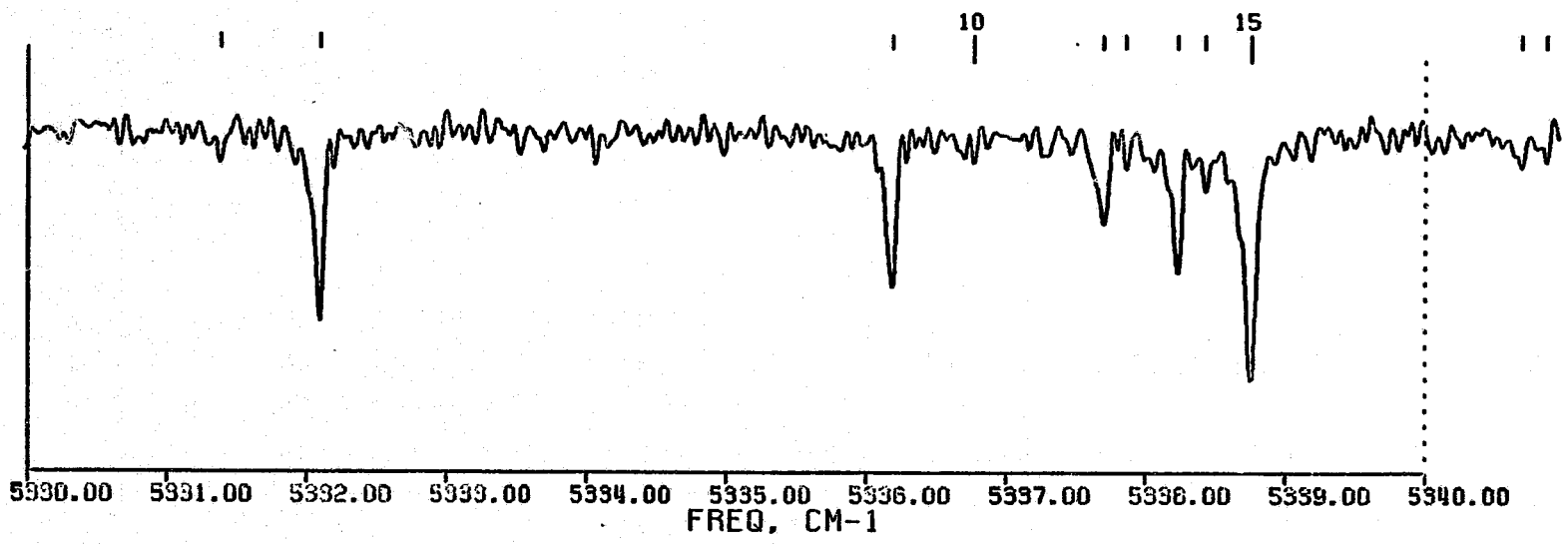
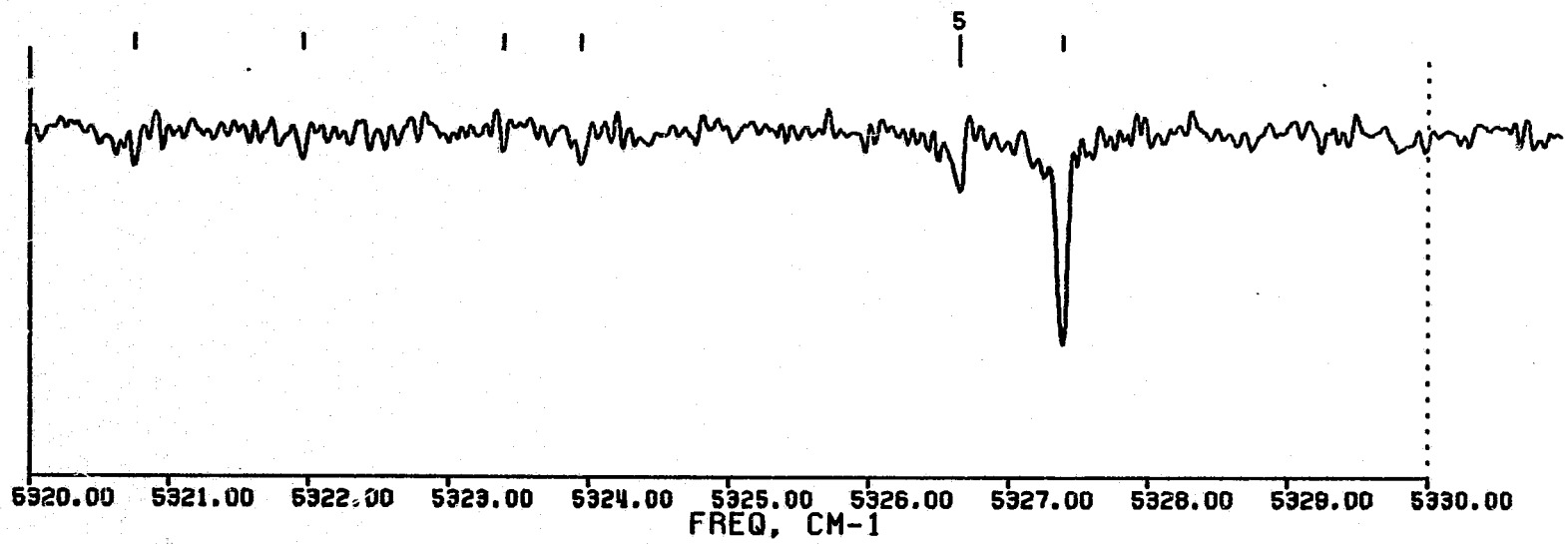
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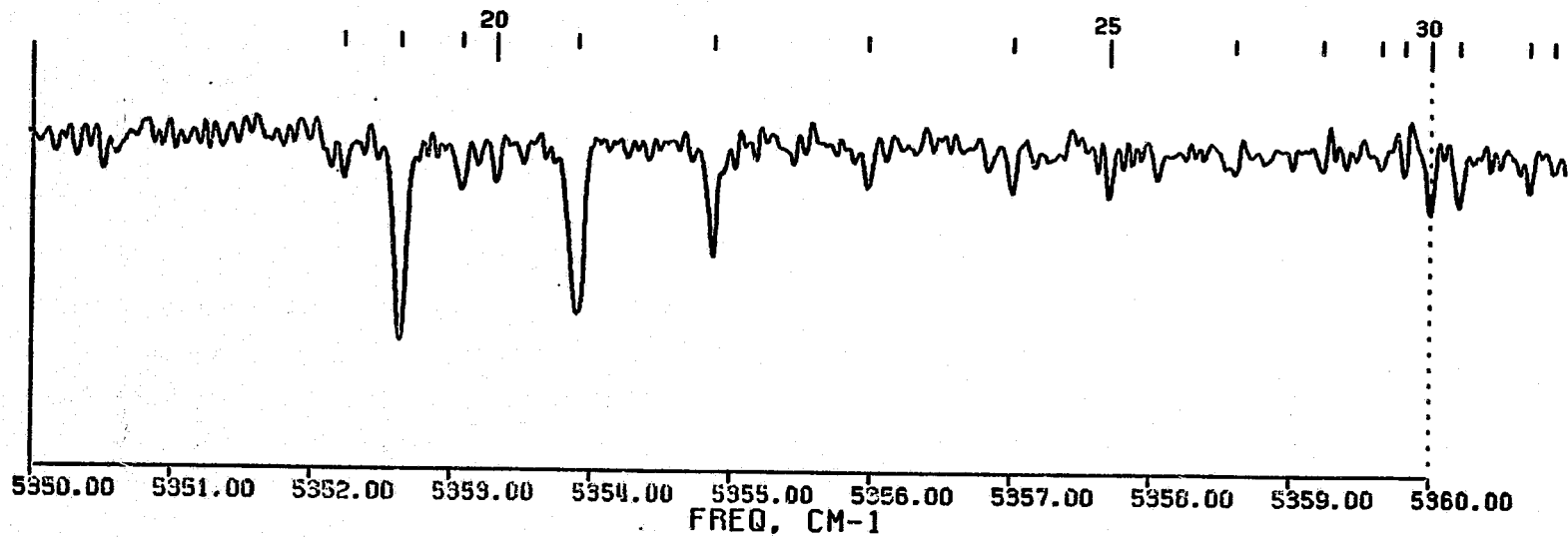
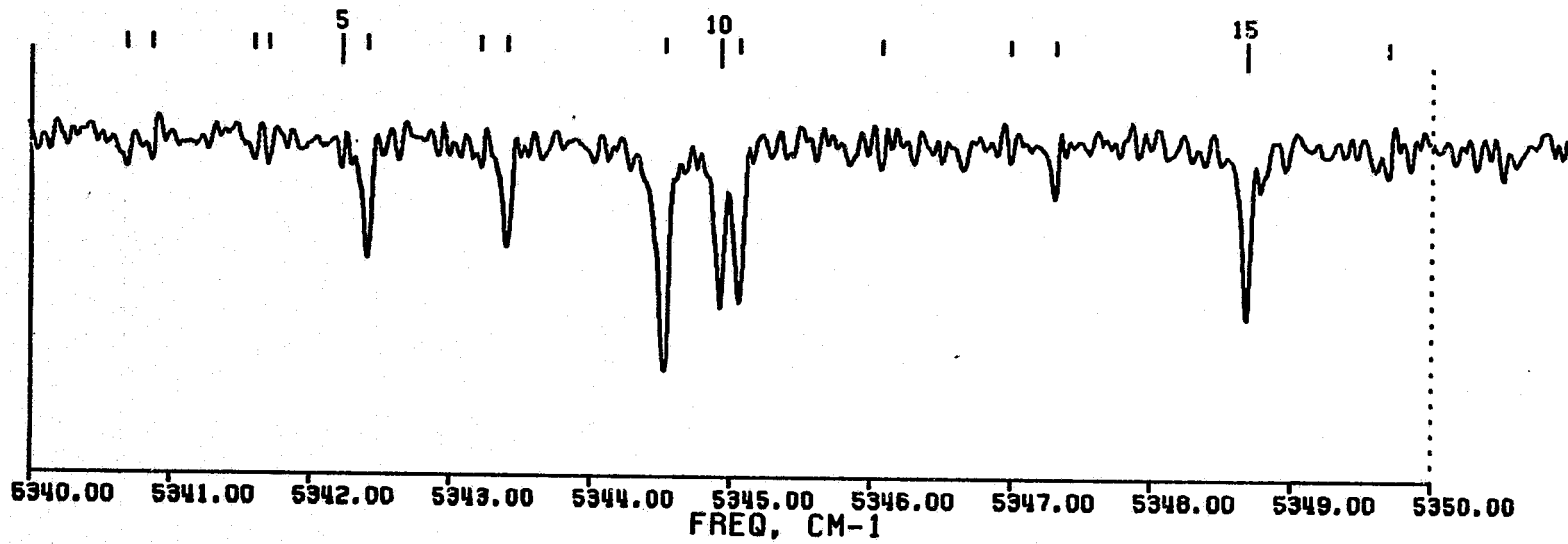
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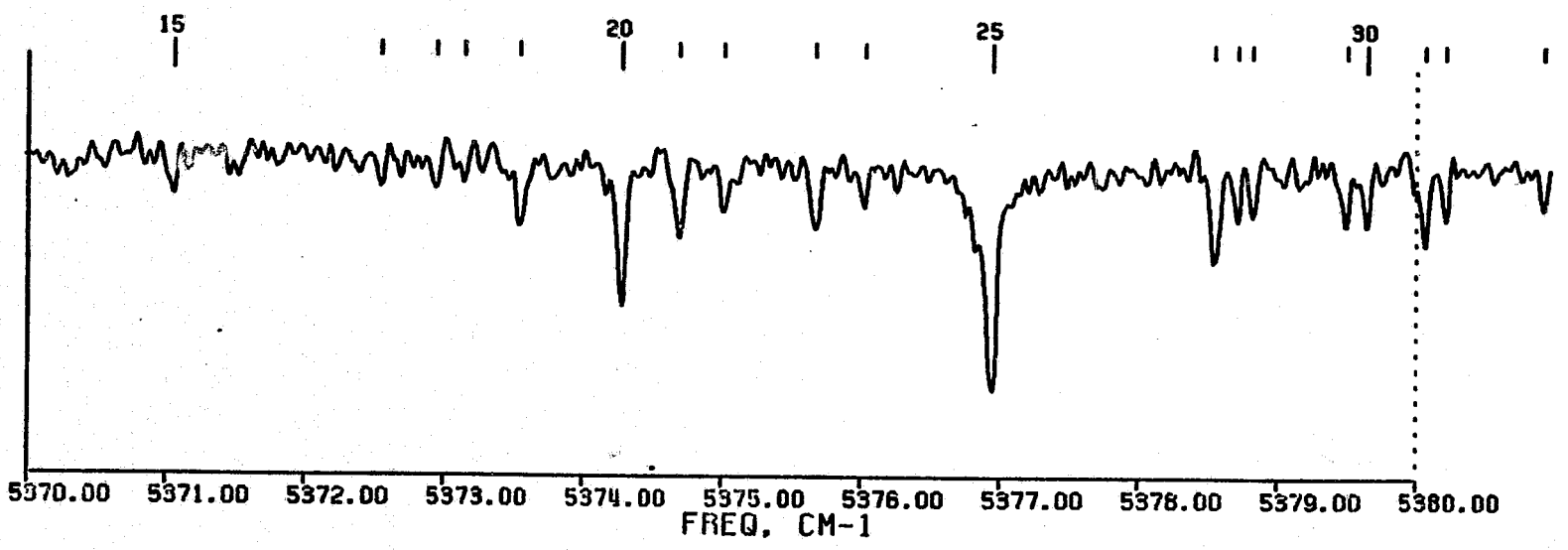
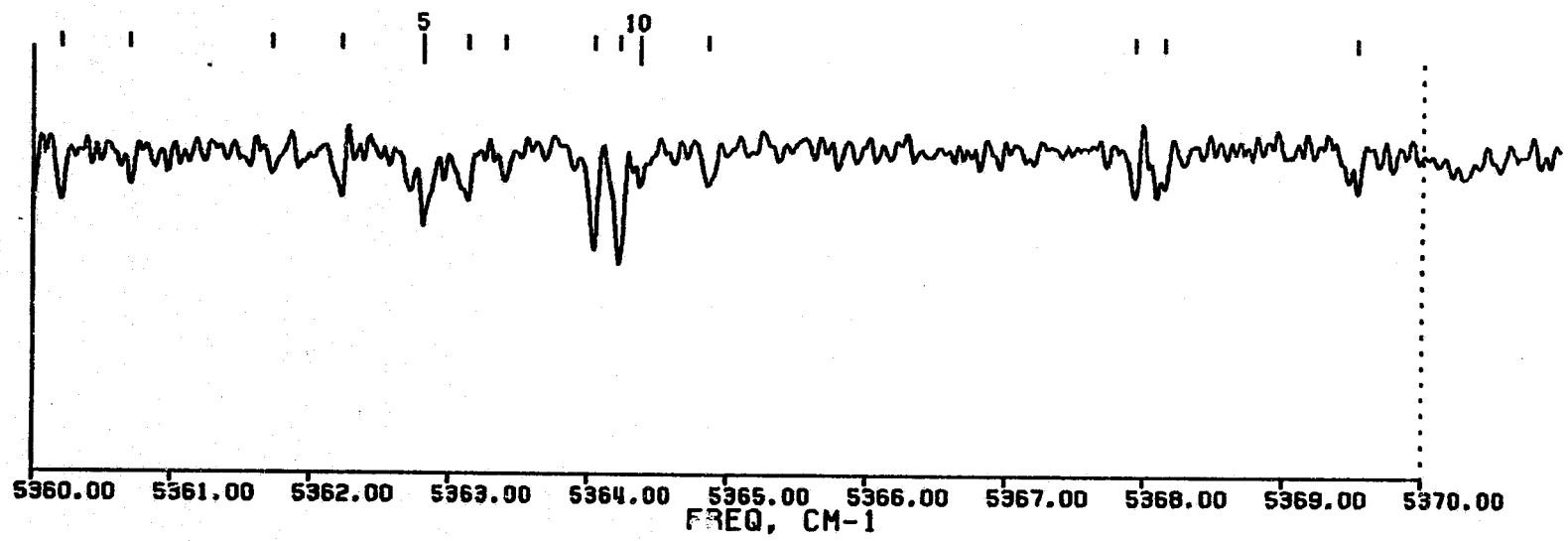
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10	44.929	45.060	46.070	46.992	47.309	48.677	49.685	52.229	52.637	53.078
20	53.324	53.904	54.877	55.977	57.013	57.703	58.603	59.226	59.646	59.813
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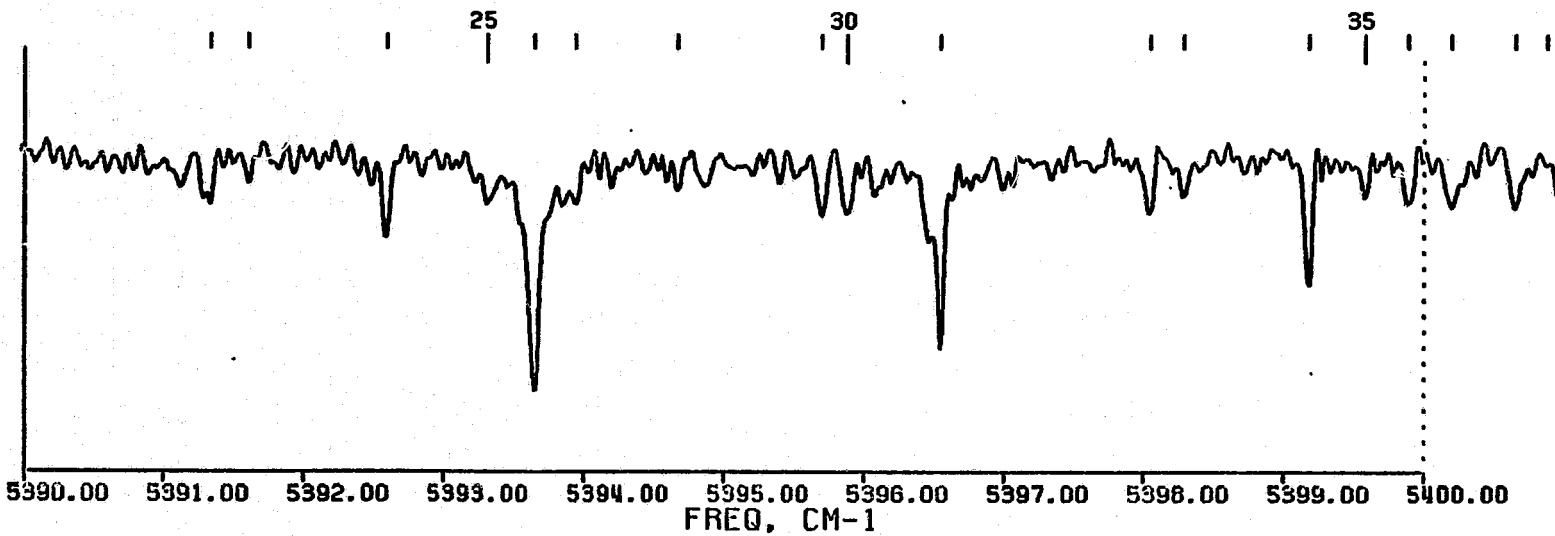
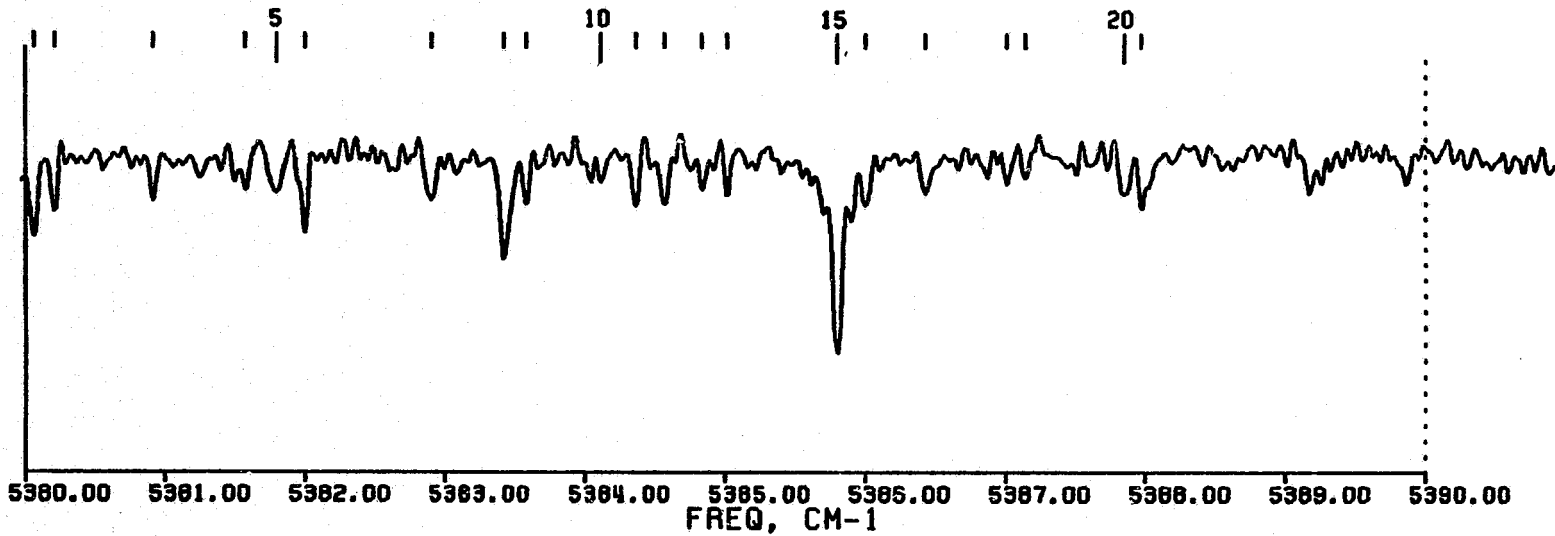
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10	64.373	64.860	67.928	68.137	69.527	71.056	72.547	72.943	73.146	73.546
20	74.282	74.698	75.013	75.679	76.027	76.948	78.545	78.711	78.818	79.493
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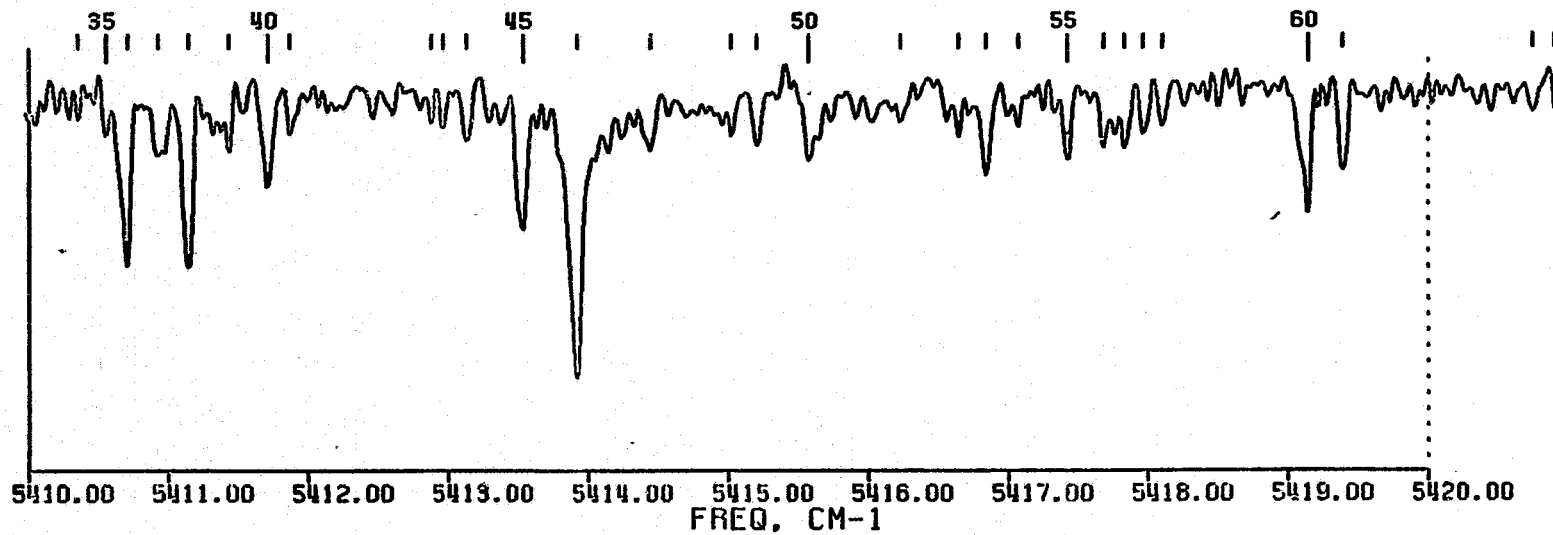
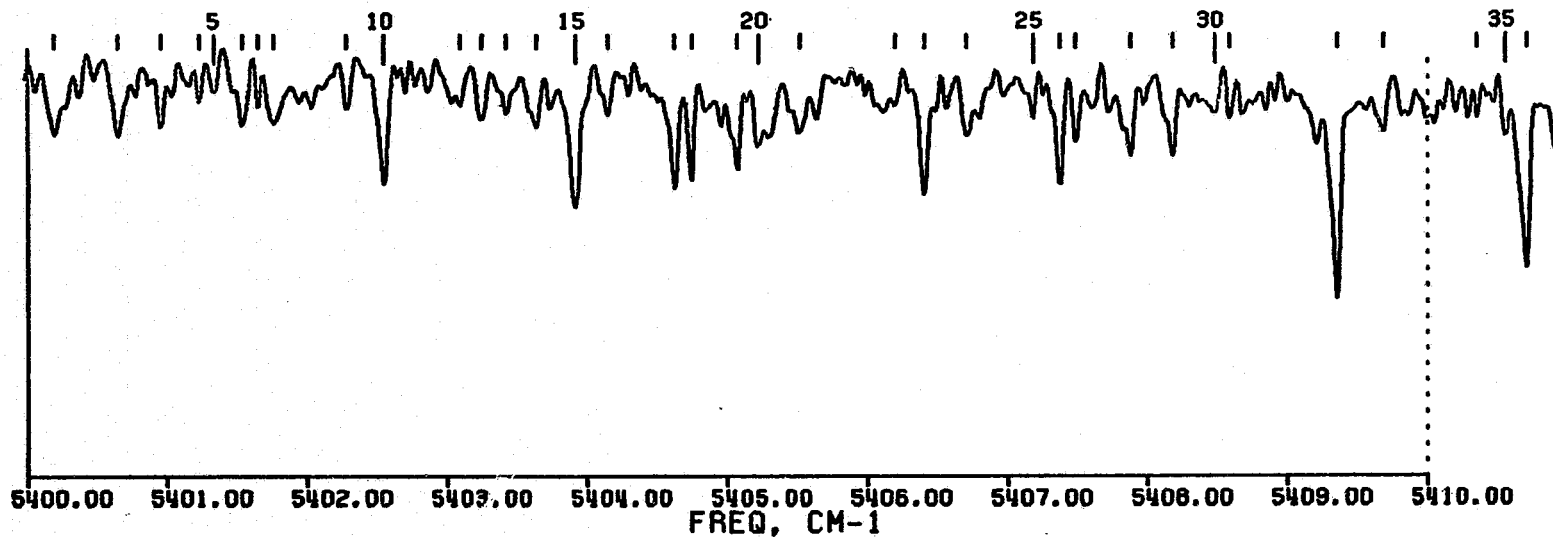
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10	84.117	84.364	84.568	84.840	85.017	85.804	86.003	86.430	87.011	87.145
20	87.854	87.972	91.336	91.609	92.590	93.313	93.654	93.947	94.675	95.706
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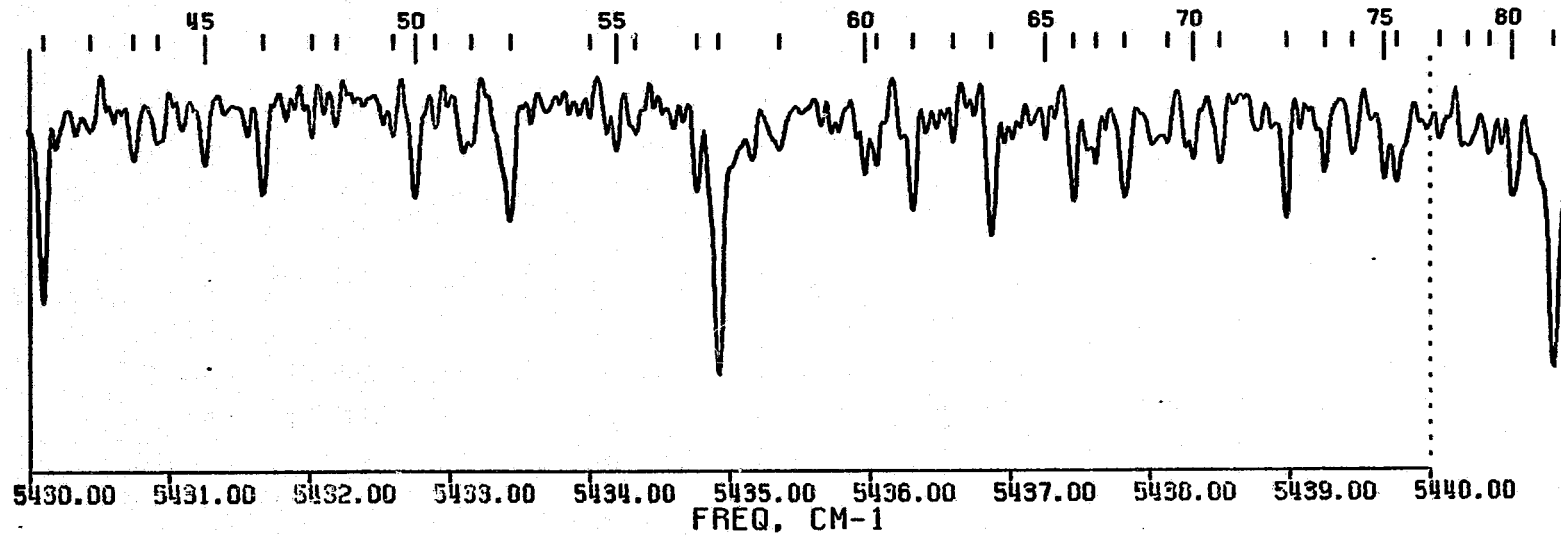
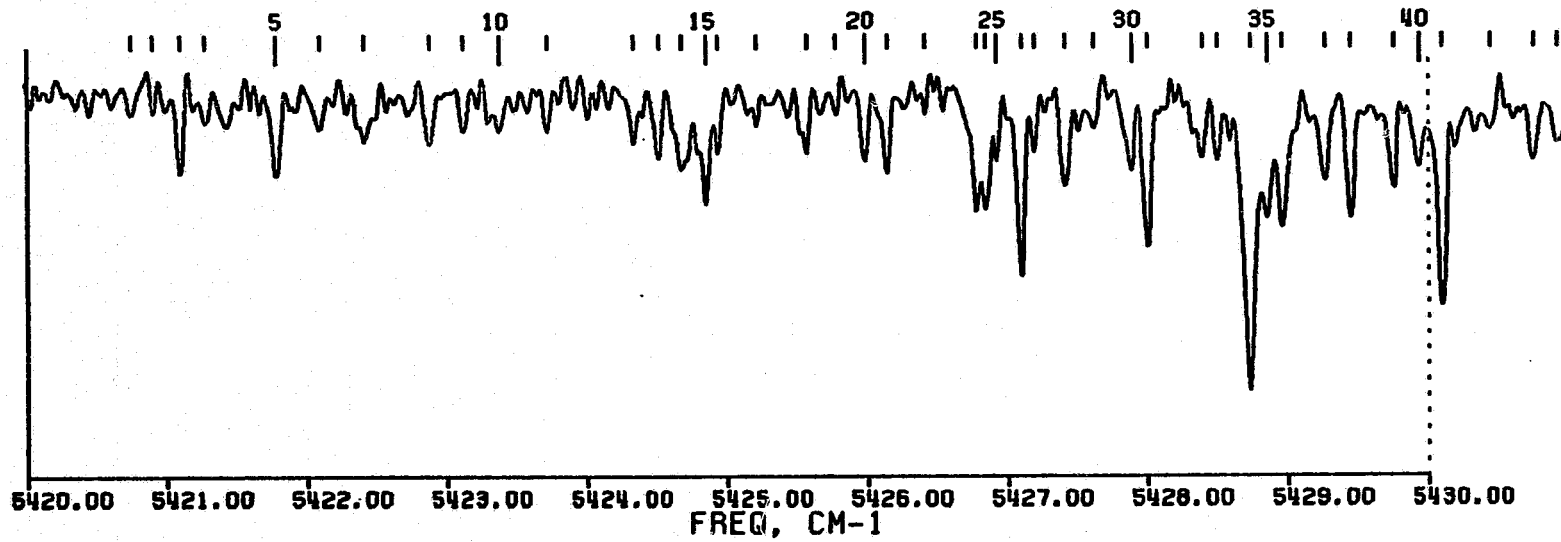


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5400 +	0.198	0.650	0.953	1.227	1.333	1.535	1.648	1.764	2.283
10	2.548	3.090	3.245	3.424	3.635	3.915	4.148	4.629	5.077
20	5.224	5.517	6.196	6.407	6.713	7.186	7.375	7.491	8.181
30	8.480	8.588	9.357	9.684	10.355	10.557	10.709	10.929	11.436
40	11.711	11.869	12.882	12.965	13.137	13.537	13.926	14.448	15.210
50	15.580	16.233	16.649	16.846	17.073	17.428	17.681	17.834	17.966
60	19.147	19.394	20.743	20.902					

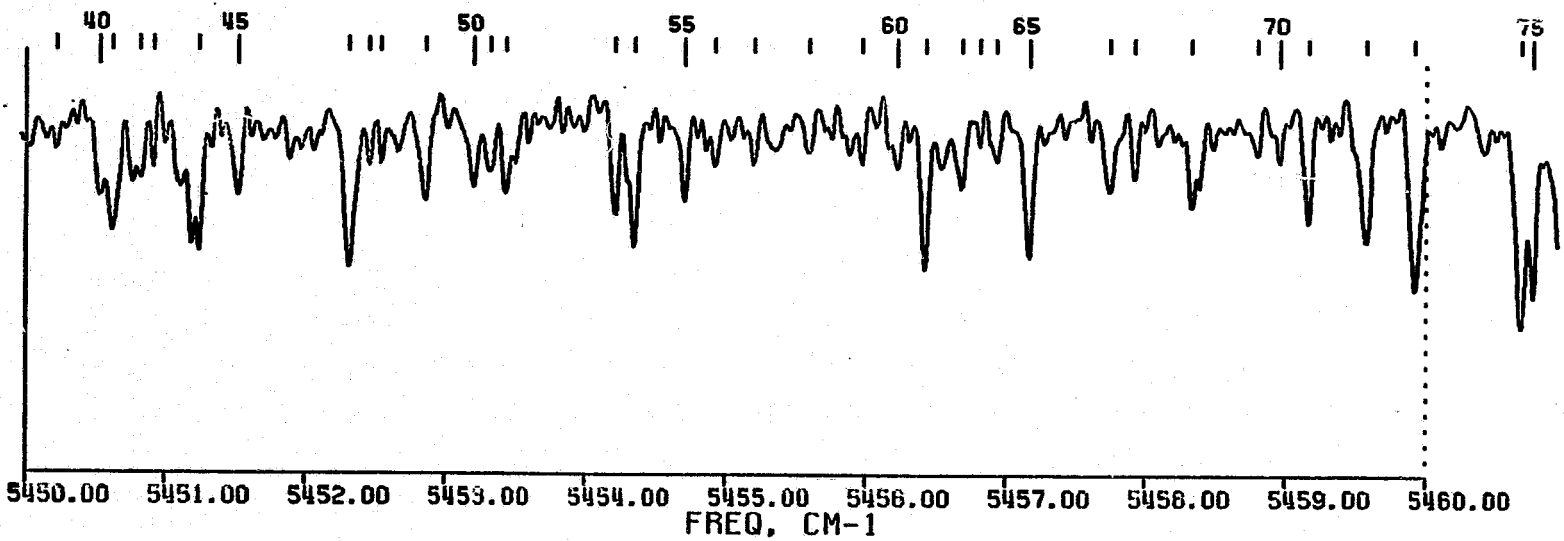
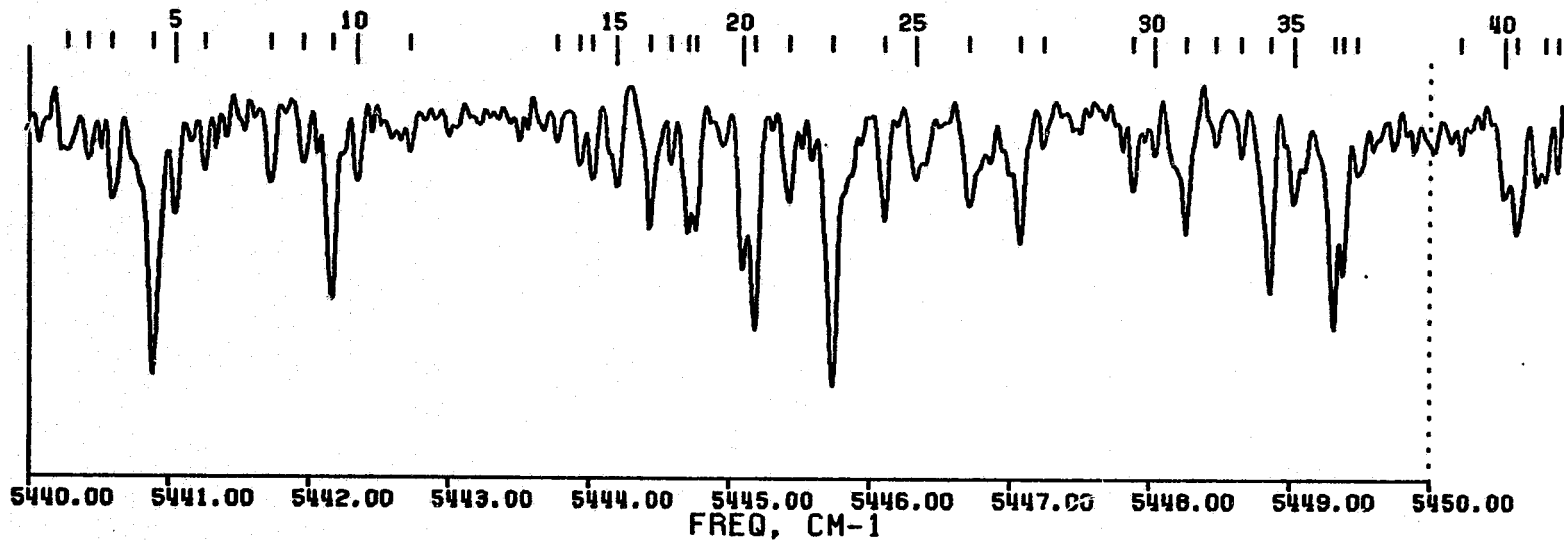


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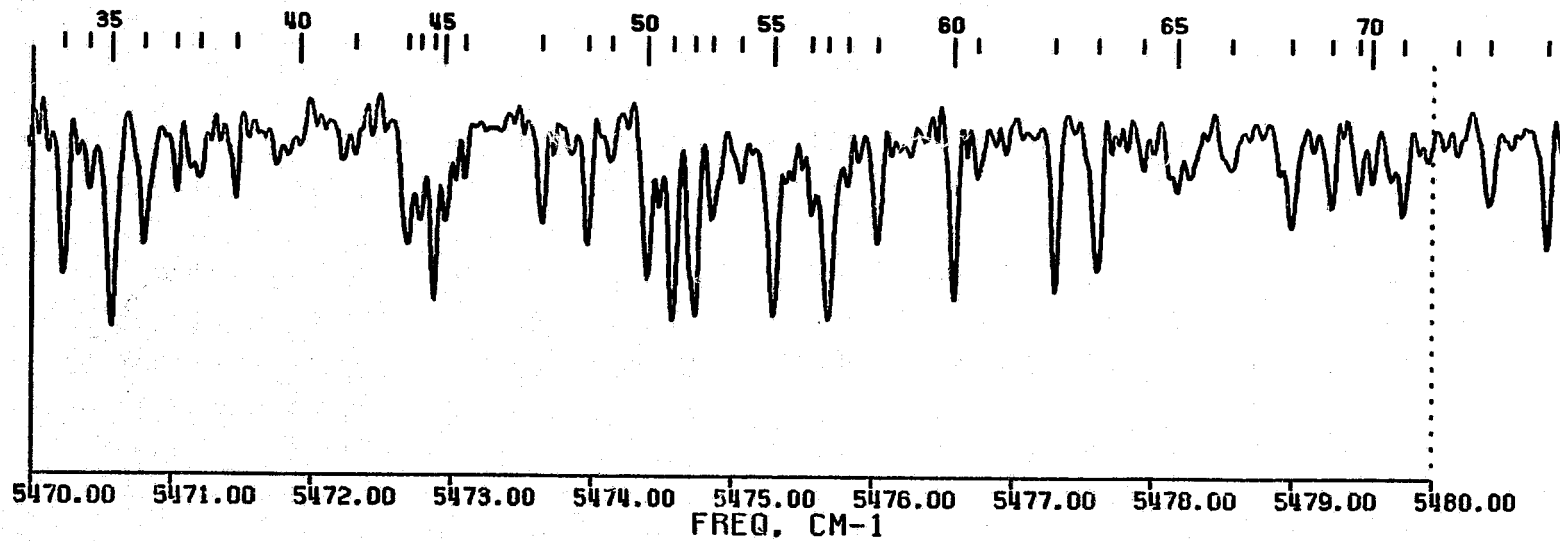
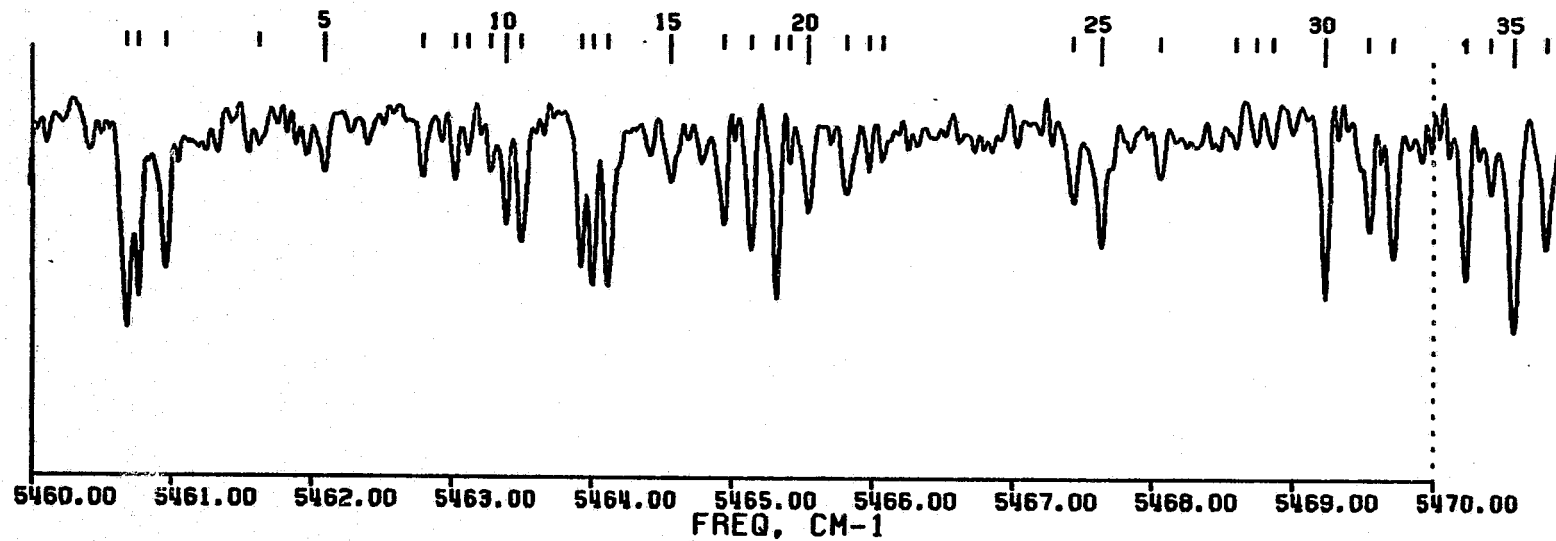
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10	42.342	42.721	43.770	43.934	44.025	44.201	44.436	44.585	44.708	44.762
20	45.098	45.184	45.426	45.740	46.110	46.330	46.713	47.076	47.239	47.881
30	48.039	48.258	48.471	48.652	48.858	49.025	49.313	49.378	49.480	50.220
40	50.533	50.620	50.820	50.911	51.241	51.517	52.310	52.455	52.542	52.859
50	53.204	53.322	53.430	54.214	54.348	54.709	54.928	55.204	55.596	55.973
60	56.230	56.426	56.689	56.816	56.937	57.170	57.745	57.924	58.329	58.798
70	58.956	59.162	59.576	59.921	60.677	60.763				



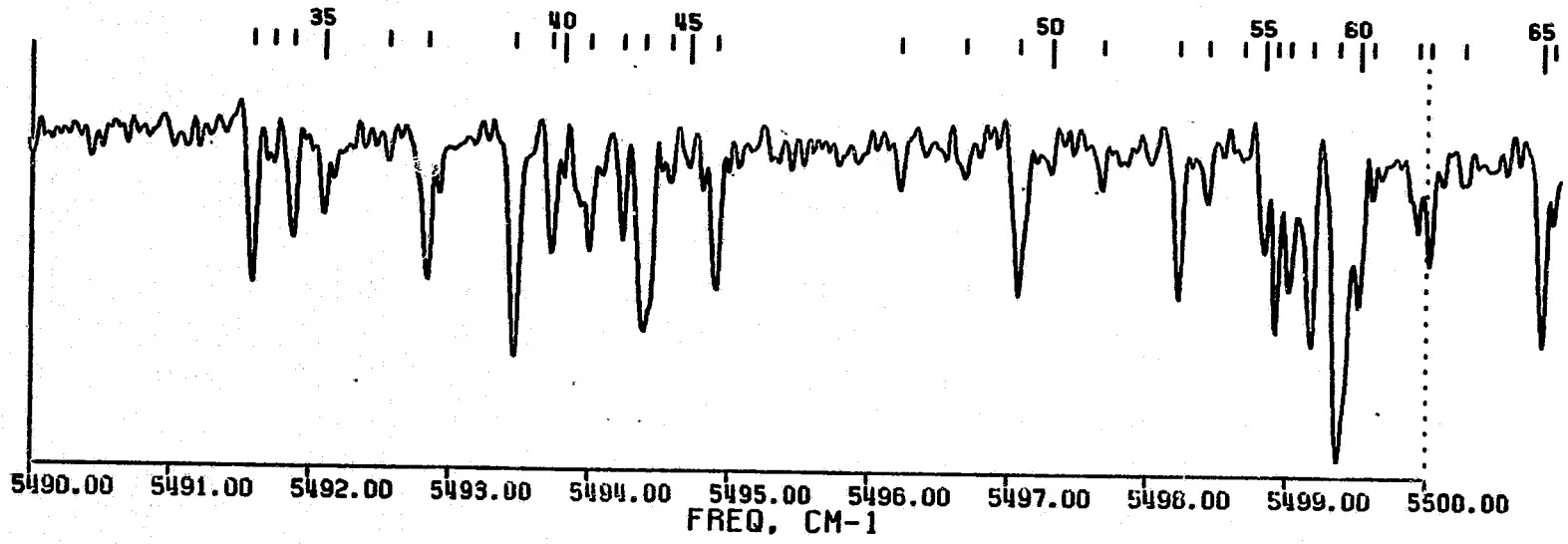
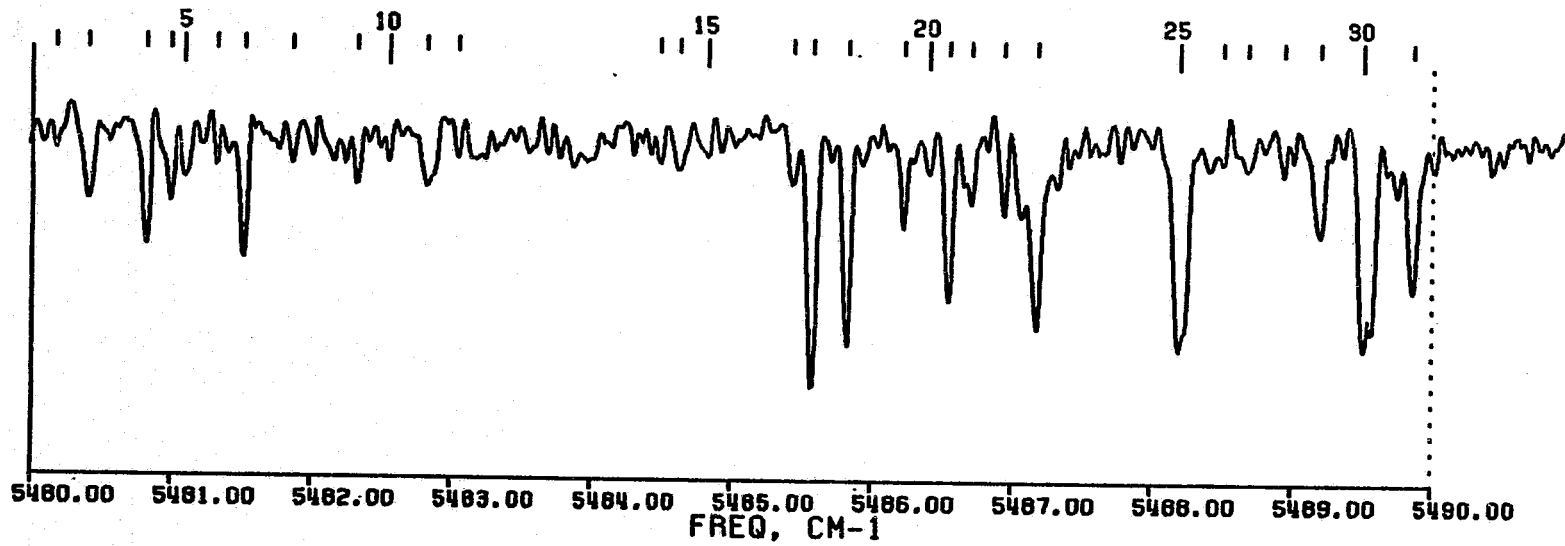
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10	63.386	63.495	63.924	64.006	64.115	64.564	64.944	65.136	65.317	65.411
20	65.545	65.815	65.977	66.072	67.433	67.634	68.055	68.597	68.742	68.857
30	69.231	69.543	69.711	70.229	70.410	70.573	70.802	71.037	71.200	71.459
40	71.918	72.307	72.687	72.774	72.875	72.954	73.093	73.648	73.970	74.137
50	74.402	74.578	74.742	74.862	75.070	75.301	75.569	75.690	75.827	76.042
60	76.589	76.755	77.308	77.611	77.937	78.180	78.563	78.993	79.280	79.475
70	79.570	79.789	80.175	80.405	80.818					



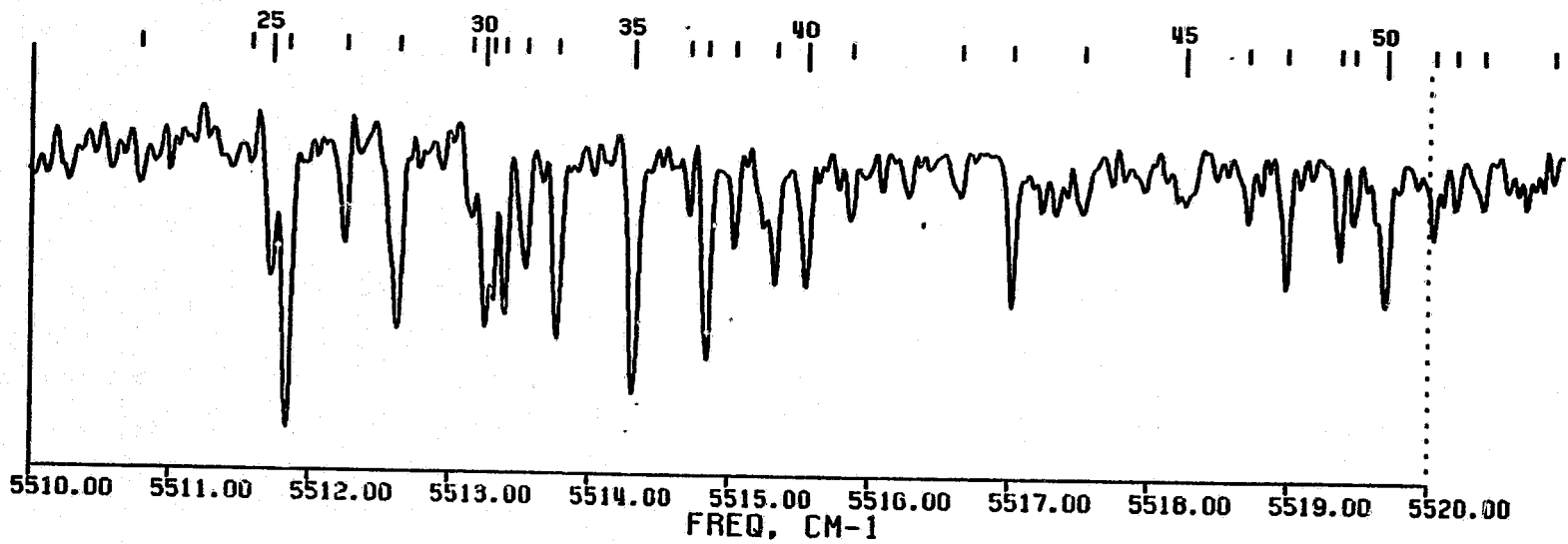
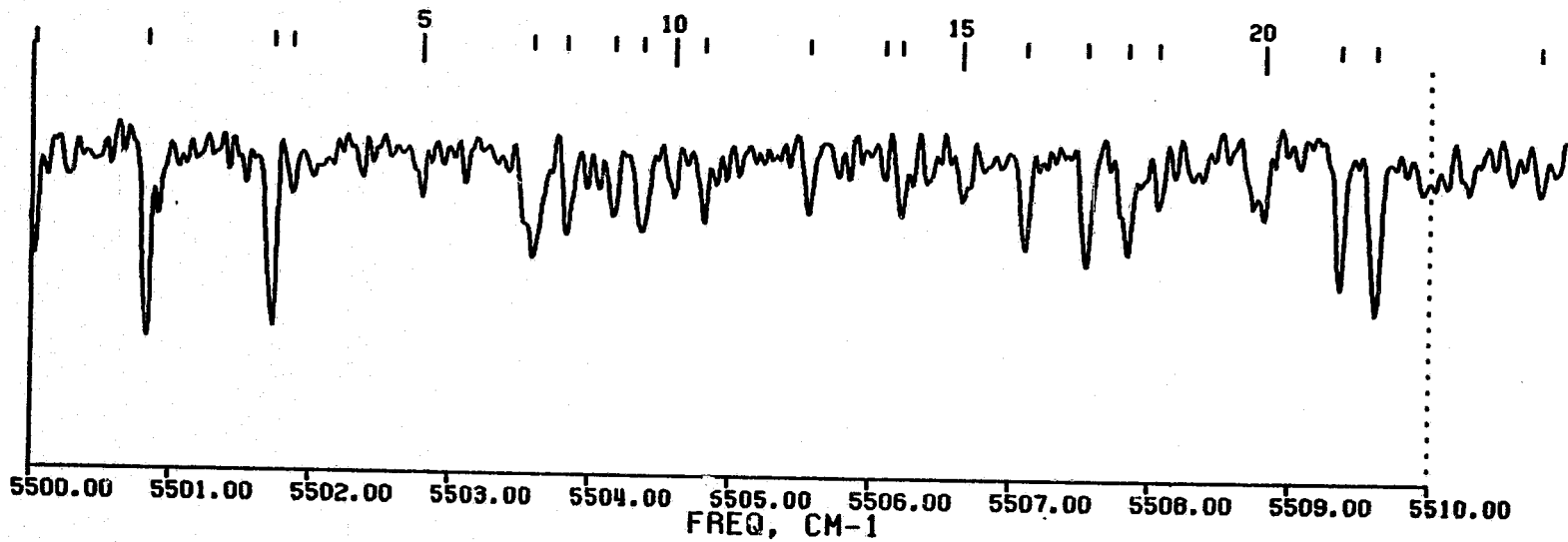
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10	82.551	82.823	83.042	84.487	84.627	84.830	85.435	85.578	85.827	86.226
20	86.406	86.552	86.707	86.945	87.181	88.193	88.504	88.678	88.934	89.197
30	89.507	89.862	91.588	91.736	91.877	92.098	92.559	92.842	93.464	93.733
40	93.818	94.002	94.241	94.393	94.582	94.719	94.912	96.229	96.689	97.077
50	97.309	97.674	98.226	98.430	98.682	98.841	98.920	99.015	99.175	99.365
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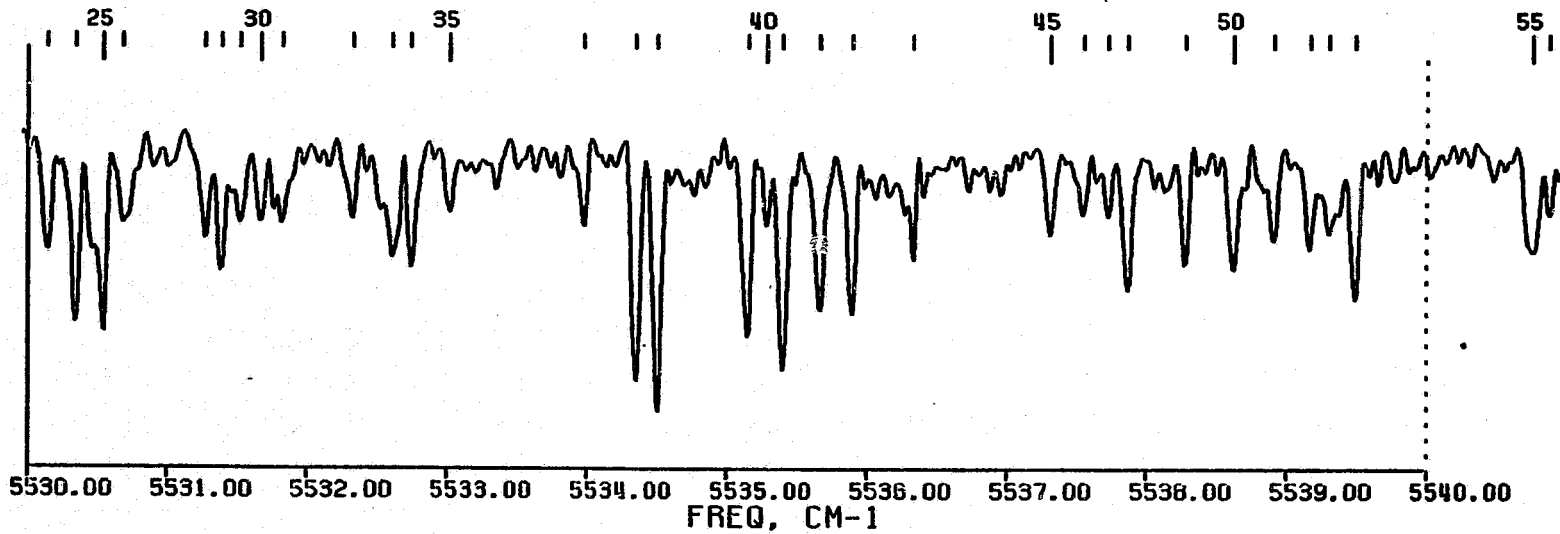
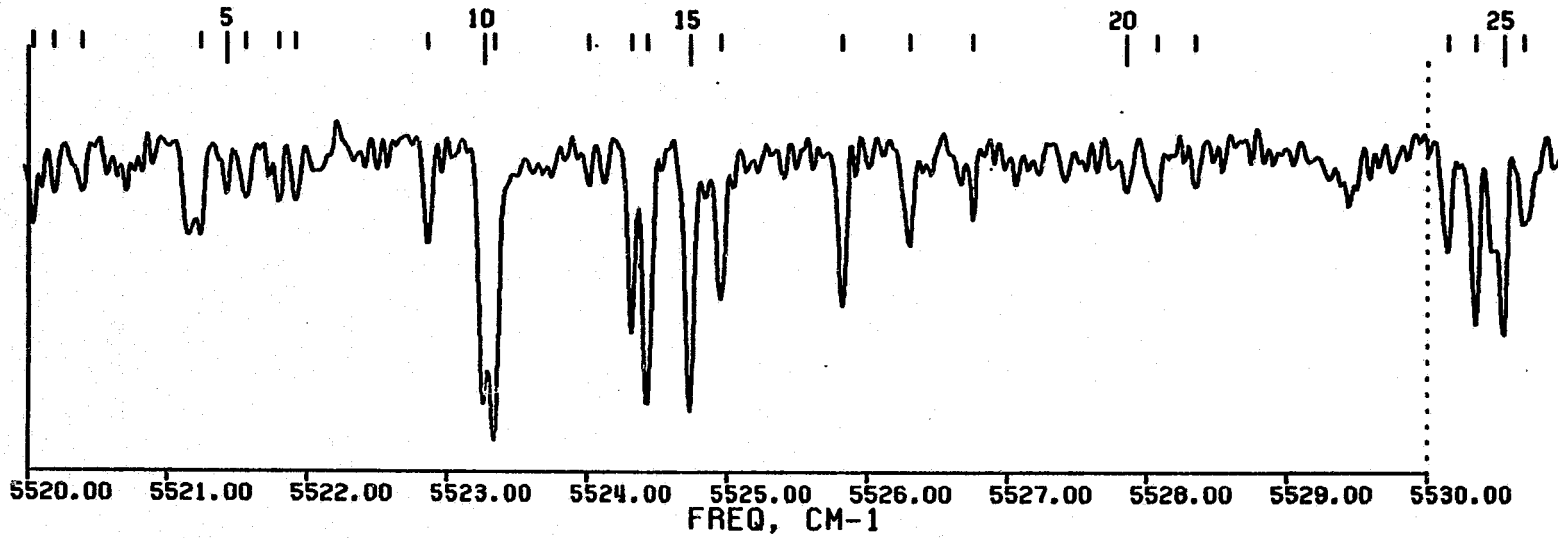
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5500 +	0.025	0.828	1.733	1.869	2.798	3.592	3.832	4.169	4.371
10	4.603	4.816	5.560	6.102	6.223	6.659	7.107	7.545	7.839
20	8.814	9.357	9.613	10.785	11.577	11.724	11.836	12.250	12.627
30	13.256	13.311	13.394	13.546	13.769	14.314	14.713	14.842	15.037
40	15.551	15.869	16.653	17.022	17.528	18.260	18.709	18.983	19.365
50	19.693	20.035	20.190	20.390	20.890				



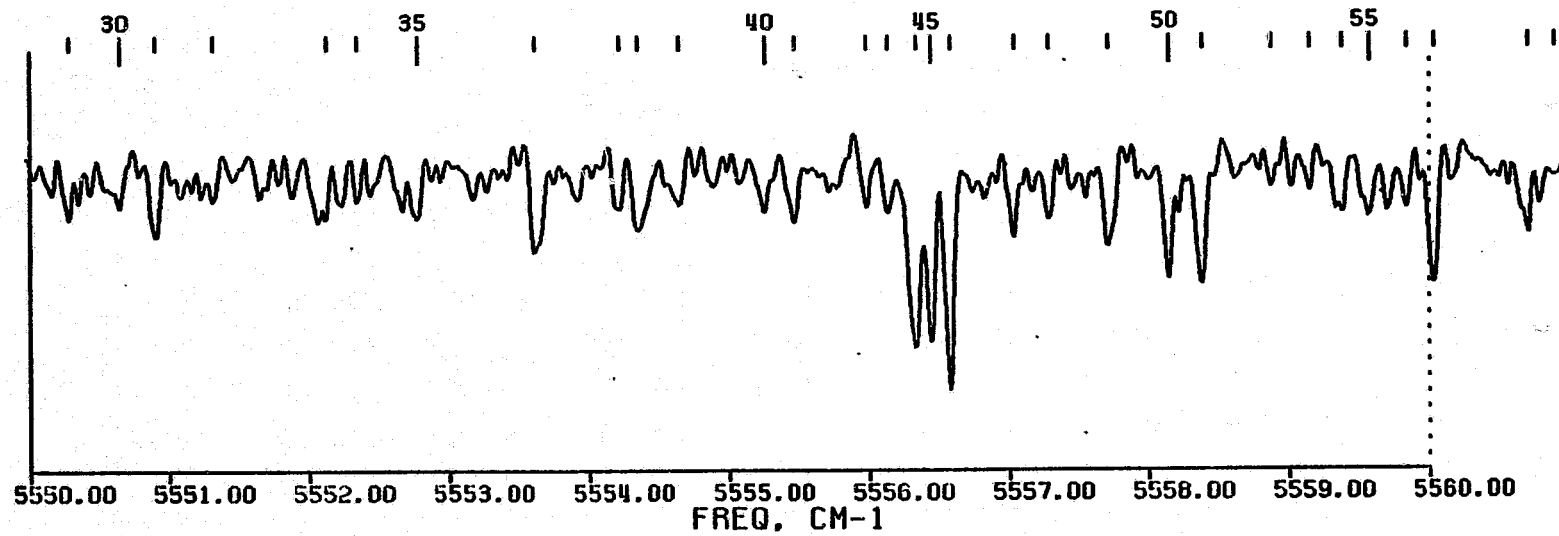
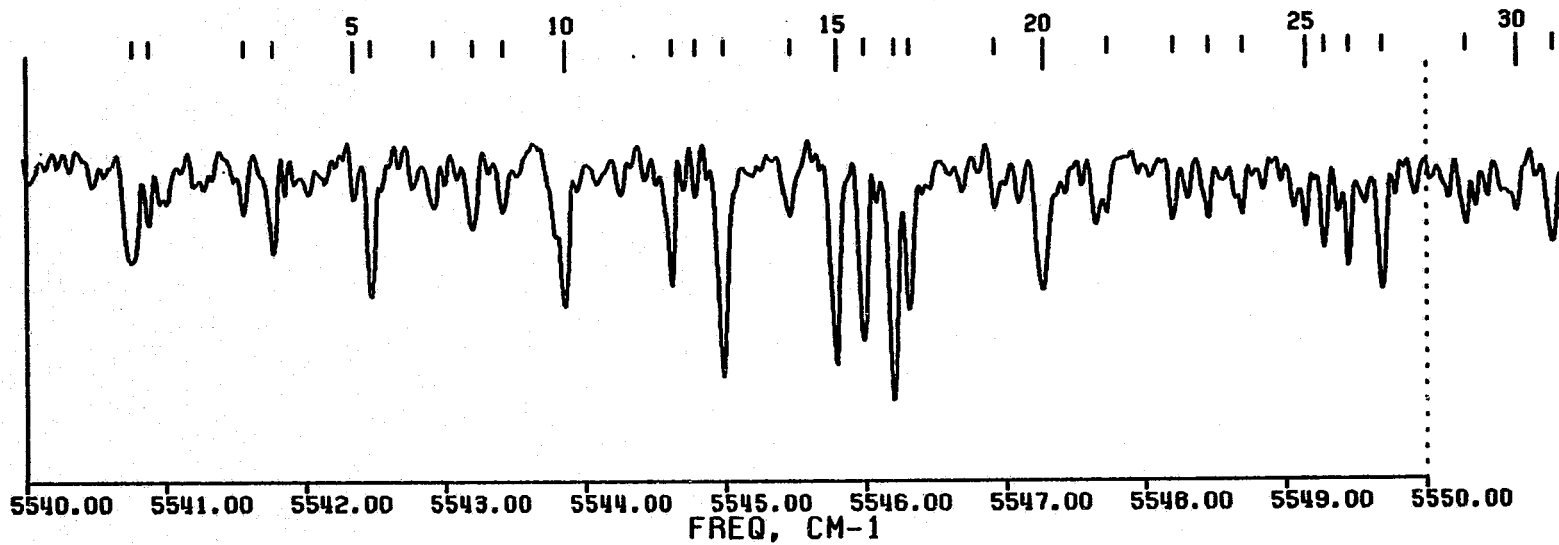
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	5500 +	20.035	20.190	20.390	21.235	21.422	21.562	21.797	21.917	22.862
10	23.262	23.338	24.010	24.316	24.430	24.736	24.955	25.824	26.302	26.755
20	27.851	28.073	28.344	30.145	30.345	30.547	30.687	31.276	31.388	31.524
30	31.670	31.822	32.327	32.611	32.746	33.020	33.983	34.355	34.508	35.154
40	35.288	35.404	35.670	35.898	36.335	37.312	37.547	37.726	37.869	38.278
50	38.623	38.906	39.165	39.302	39.491	40.758	40.877			

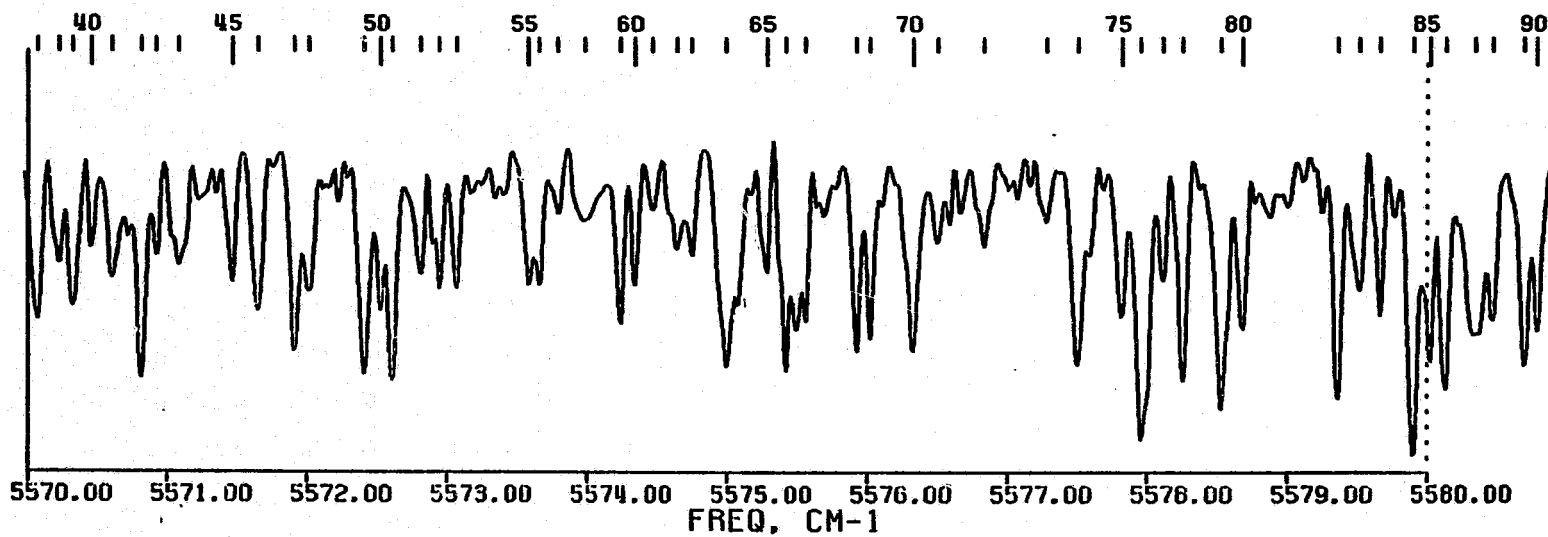
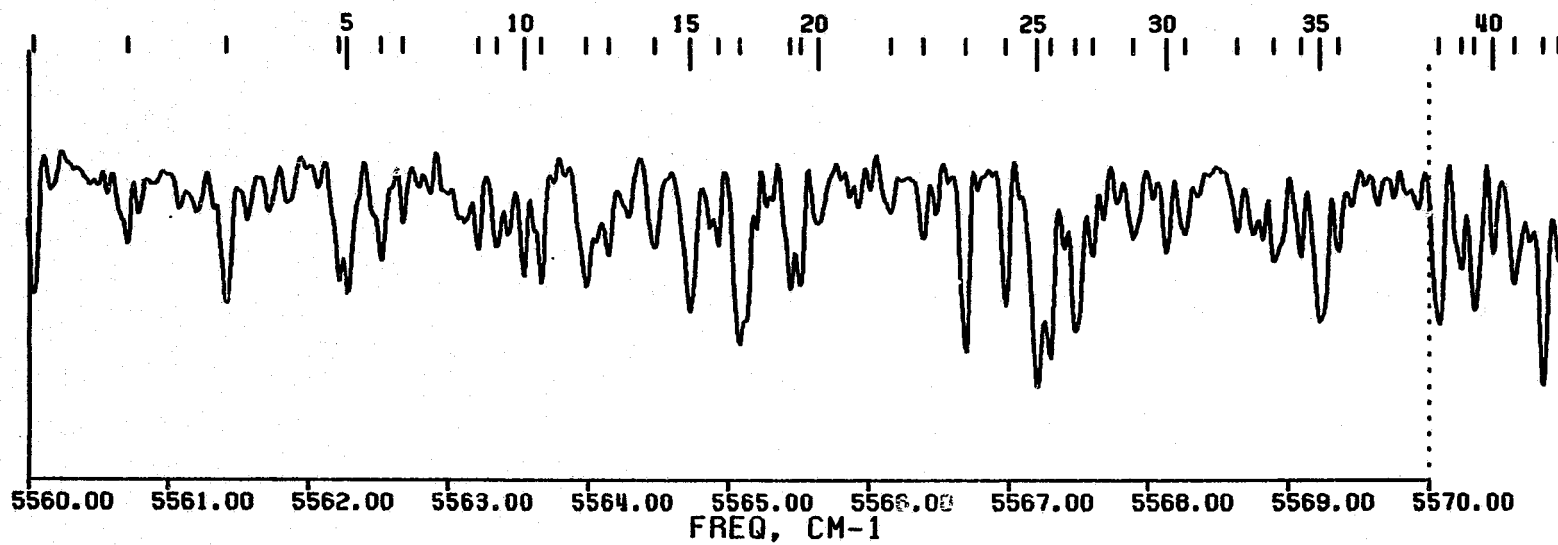
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	5500 +	40.758	40.877	41.558	41.773	42.347	42.472	42.921	43.197	43.413
10	43.856	44.620	44.787	44.988	45.463	45.795	45.992	46.204	46.315	46.923
20	47.269	47.724	48.192	48.447	48.688	49.142	49.273	49.447	49.687	50.284
30	50.646	50.905	51.315	52.121	52.345	52.775	53.616	54.221	54.354	54.647
40	55.258	55.470	55.984	56.138	56.339	56.449	56.584	57.037	57.287	57.710
50	58.146	58.382	58.873	59.146	59.383	59.571	59.839	60.036	60.709	60.895

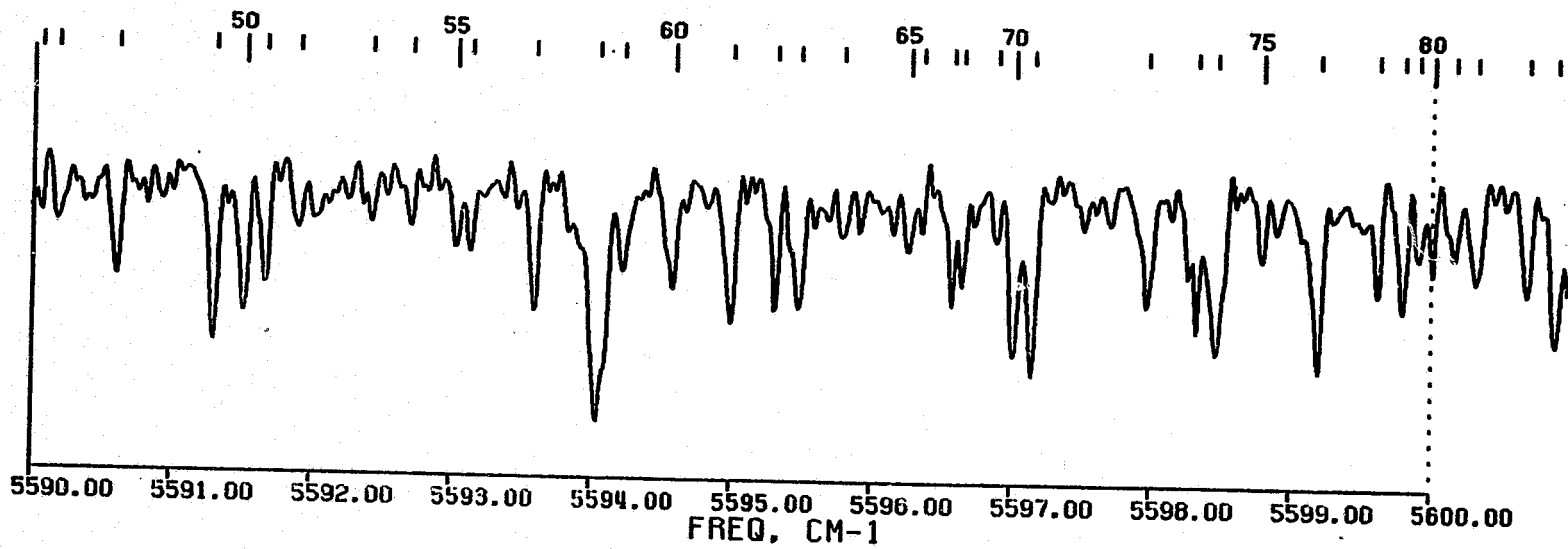
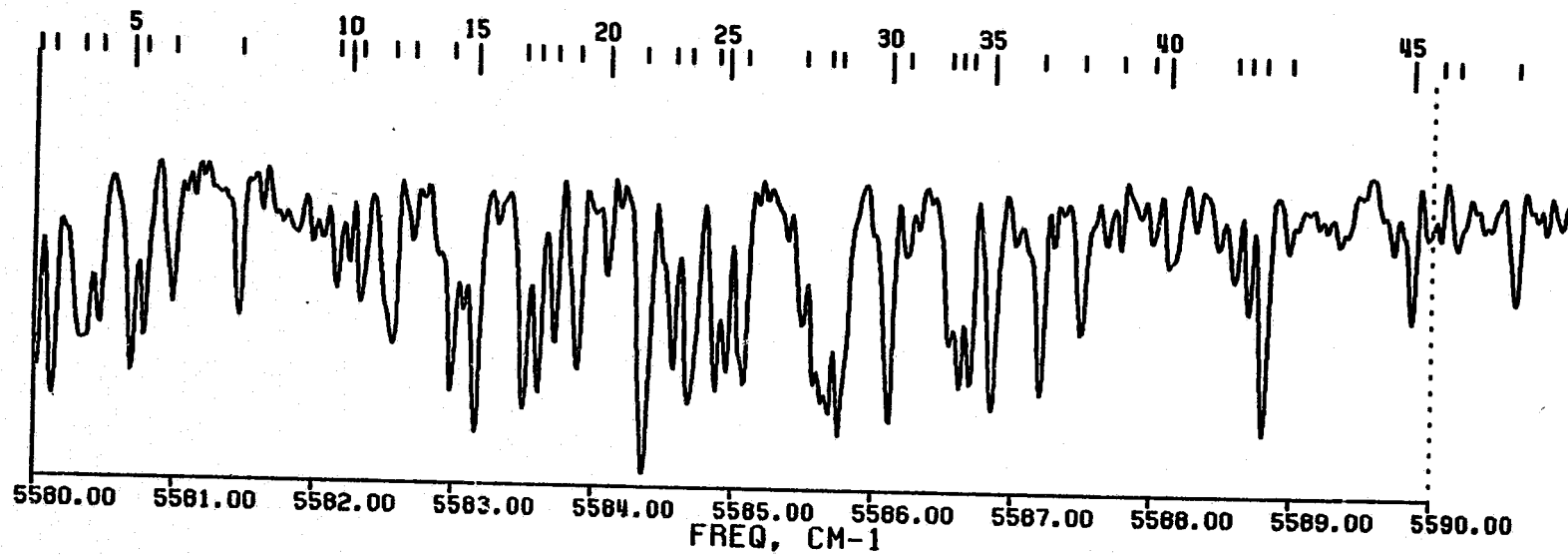


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10	82.256	82.337	82.570	82.710	82.988	83.164	83.506	83.612	83.731
20	84.104	84.368	84.578	84.688	84.880	84.959	85.085	85.505	85.690
30	86.123	86.247	86.550	86.627	86.702	86.857	87.206	87.495	87.772
40	88.120	88.593	88.695	88.801	88.980	89.859	90.060	90.181	90.602
50	91.514	91.665	91.899	92.421	92.705	93.031	93.133	93.590	94.041
60	94.579	94.996	95.309	95.480	95.787	96.258	96.356	96.571	96.640
70	97.012	97.145	97.968	98.322	98.464	98.788	99.194	99.618	99.796
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