

* This data was exported from the Dayton Audio Test System: DATS

*

* Piston Diameter = 0 mm

* f(s)= 331.1 Hz

* R(e)= 3.832 Ohms

* Z(max)= 4.036 Ohms

* Q(ms)= 6.701

* Q(es)= 0

* Q(ts)= 6.362

* V(as)= 0 liters (0 cubic feet)

* L(e)= 0.08338 mH

* n(0)= 0 %

* SPL= 0 1W/1m

* M(ms)= 0 grams

* C(ms)= 0 mm/N

* BL= 0

* K(r)= 4.521

* X(r)= -0.0147

* K(i)= 0

* X(i)= 3.218

*

*

Freq	Impedance	Phase
1.029	4.124	-3.377
1.059	4.124	-3.377
1.091	4.124	-3.377
1.122	4.124	-3.377
1.155	4.124	-3.377
1.189	4.124	-3.377
1.224	4.124	-3.377
1.260	4.124	-3.377
1.297	4.124	-3.377
1.335	3.911	-1.075
1.374	3.911	-1.075
1.414	3.911	-1.075
1.456	3.911	-1.075
1.498	3.911	-1.075
1.542	3.911	-1.075
1.587	3.911	-1.075
1.634	3.911	-1.075
1.682	3.911	-1.075
1.731	3.911	-1.075
1.782	3.911	-1.075
1.834	3.911	-1.075
1.888	3.911	-1.075
1.943	3.911	-1.075
2.000	3.806	0.085
2.059	3.806	0.085
2.119	3.806	0.085
2.181	3.806	0.085

2.245	3.806	0.085
2.311	3.806	0.085
2.378	3.806	0.085
2.448	3.806	0.085
2.520	3.806	0.085
2.594	3.806	0.085
2.670	3.837	-0.089
2.748	3.837	-0.089
2.828	3.837	-0.089
2.911	3.837	-0.089
2.997	3.837	-0.089
3.084	3.837	-0.089
3.175	3.837	-0.089
3.268	3.837	-0.089
3.364	3.830	0.011
3.462	3.830	0.011
3.564	3.830	0.011
3.668	3.830	0.011
3.775	3.830	0.011
3.886	3.830	0.011
4.000	3.840	-0.099
4.117	3.840	-0.099
4.238	3.840	-0.099
4.362	3.840	-0.099
4.490	3.840	-0.099
4.621	3.840	-0.099
4.757	3.838	0.016
4.896	3.838	0.016
5.040	3.838	0.016
5.187	3.838	0.016
5.339	3.840	-0.049
5.496	3.840	-0.049
5.657	3.840	-0.049
5.823	3.840	-0.049
5.993	3.841	0.065
6.169	3.841	0.065
6.350	3.841	0.065
6.536	3.841	0.065
6.727	3.841	-0.012
6.924	3.841	-0.012
7.127	3.841	-0.012
7.336	3.840	0.052
7.551	3.840	0.052
7.772	3.840	0.052
8.000	3.837	0.022
8.234	3.837	0.022
8.476	3.837	0.022
8.724	3.835	0.069
8.980	3.835	0.069
9.243	3.835	0.069

9.514	3.836	0.088
9.792	3.836	0.088
10.079	3.835	0.102
10.375	3.835	0.102
10.679	3.837	0.072
10.992	3.837	0.072
11.314	3.839	0.040
11.645	3.839	0.040
11.986	3.839	0.017
12.338	3.839	0.017
12.699	3.840	0.047
13.071	3.840	0.047
13.454	3.837	0.054
13.849	3.837	0.054
14.254	3.837	0.096
14.672	3.835	0.089
15.102	3.835	0.089
15.545	3.834	0.119
16.000	3.833	0.080
16.469	3.833	0.080
16.951	3.835	0.072
17.448	3.837	0.043
17.959	3.837	0.086
18.486	3.837	0.086
19.027	3.837	0.089
19.585	3.837	0.079
20.159	3.837	0.072
20.749	3.838	0.066
21.357	3.838	0.056
21.983	3.838	0.069
22.627	3.838	0.063
23.290	3.838	0.079
23.973	3.838	0.077
24.675	3.837	0.077
25.398	3.837	0.086
26.143	3.835	0.084
26.909	3.835	0.087
27.697	3.835	0.080
28.509	3.834	0.090
29.344	3.836	0.095
30.204	3.837	0.088
31.089	3.837	0.101
32.000	3.838	0.114
32.938	3.837	0.118
33.903	3.838	0.133
34.896	3.838	0.132
35.919	3.838	0.130
36.971	3.838	0.109
38.055	3.837	0.114
39.170	3.836	0.121

40.317	3.836	0.116
41.499	3.838	0.125
42.715	3.838	0.125
43.967	3.838	0.125
45.255	3.837	0.133
46.581	3.837	0.129
47.946	3.838	0.128
49.351	3.838	0.134
50.797	3.839	0.135
52.285	3.840	0.143
53.817	3.841	0.146
55.394	3.839	0.151
57.018	3.838	0.151
58.688	3.838	0.181
60.408	3.838	0.181
62.178	3.838	0.194
64.000	3.837	0.200
65.875	3.837	0.216
67.806	3.837	0.223
69.792	3.838	0.216
71.838	3.838	0.223
73.943	3.838	0.231
76.109	3.838	0.231
78.339	3.838	0.231
80.635	3.838	0.242
82.998	3.839	0.262
85.430	3.839	0.271
87.933	3.838	0.273
90.510	3.838	0.269
93.162	3.838	0.272
95.892	3.838	0.281
98.701	3.838	0.284
101.594	3.837	0.286
104.571	3.838	0.289
107.635	3.839	0.300
110.789	3.839	0.314
114.035	3.838	0.335
117.377	3.840	0.347
120.816	3.841	0.362
124.356	3.841	0.368
128.000	3.841	0.378
131.751	3.841	0.386
135.611	3.841	0.412
139.585	3.840	0.429
143.675	3.840	0.446
147.885	3.841	0.458
152.219	3.841	0.478
156.679	3.840	0.496
161.270	3.840	0.493
165.995	3.841	0.508

170.860	3.842	0.535
175.866	3.841	0.564
181.019	3.841	0.582
186.324	3.842	0.615
191.783	3.843	0.646
197.403	3.842	0.676
203.187	3.842	0.699
209.141	3.844	0.741
215.269	3.846	0.791
221.577	3.847	0.837
228.070	3.846	0.868
234.753	3.847	0.909
241.632	3.849	0.973
248.712	3.853	1.039
256.000	3.857	1.099
263.501	3.860	1.186
271.223	3.865	1.295
279.170	3.872	1.405
287.350	3.883	1.539
295.770	3.898	1.697
304.437	3.925	1.823
313.358	3.967	1.792
322.540	4.014	1.345
331.991	4.034	0.469
341.719	4.007	-0.336
351.732	3.953	-0.685
362.039	3.914	-0.589
372.647	3.890	-0.370
383.567	3.875	-0.155
394.806	3.866	0.070
406.375	3.862	0.310
418.282	3.863	0.542
430.539	3.870	0.807
443.155	3.888	1.076
456.140	3.922	1.183
469.506	3.955	0.945
483.264	3.965	0.480
497.424	3.953	0.183
512.000	3.942	0.161
527.003	3.941	0.182
542.445	3.943	0.083
558.340	3.940	-0.027
574.701	3.935	-0.077
591.541	3.934	-0.105
608.874	3.934	-0.176
626.715	3.932	-0.278
645.080	3.926	-0.383
663.982	3.916	-0.455
683.438	3.904	-0.455
703.464	3.895	-0.410

724.077	3.891	-0.346
745.294	3.890	-0.279
767.133	3.891	-0.238
789.612	3.891	-0.276
812.749	3.888	-0.324
836.565	3.885	-0.327
861.078	3.881	-0.302
886.309	3.876	-0.260
912.280	3.873	-0.217
939.012	3.872	-0.180
966.527	3.871	-0.165
994.849	3.868	-0.144
1024.000	3.864	-0.123
1054.005	3.861	-0.100
1084.890	3.859	-0.067
1116.680	3.858	-0.009
1149.401	3.856	0.053
1183.081	3.855	0.127
1217.748	3.856	0.195
1253.431	3.857	0.248
1290.159	3.857	0.287
1327.964	3.857	0.325
1366.876	3.859	0.364
1406.929	3.861	0.413
1448.155	3.864	0.451
1490.589	3.865	0.465
1534.266	3.865	0.464
1579.224	3.865	0.479
1625.499	3.863	0.512
1673.129	3.862	0.560
1722.156	3.862	0.623
1772.619	3.863	0.669
1824.561	3.864	0.720
1878.024	3.864	0.785
1933.055	3.865	0.877
1989.697	3.867	0.968
2048.000	3.869	1.063
2108.011	3.874	1.157
2169.780	3.879	1.273
2233.360	3.886	1.395
2298.802	3.894	1.526
2366.162	3.906	1.685
2435.496	3.925	1.879
2506.862	3.952	2.029
2580.318	3.989	2.034
2655.927	4.029	1.816
2733.752	4.064	1.398
2813.857	4.088	0.827
2896.309	4.094	0.142
2981.178	4.077	-0.498

3068.533	4.045	-0.968
3158.448	4.010	-1.206
3250.997	3.979	-1.255
3346.259	3.955	-1.193
3444.312	3.937	-1.101
3545.238	3.925	-1.046
3649.121	3.914	-0.991
3756.049	3.906	-0.921
3866.109	3.897	-0.839
3979.395	3.889	-0.762
4096.000	3.882	-0.685
4216.022	3.876	-0.591
4339.561	3.874	-0.499
4466.720	3.872	-0.427
4597.605	3.871	-0.364
4732.325	3.869	-0.310
4870.992	3.867	-0.264
5013.723	3.866	-0.233
5160.637	3.864	-0.199
5311.855	3.862	-0.163
5467.504	3.860	-0.124
5627.714	3.858	-0.073
5792.619	3.857	-0.010
5962.355	3.857	0.055
6137.066	3.857	0.116
6316.896	3.859	0.169
6501.995	3.863	0.199
6692.518	3.866	0.181
6888.623	3.866	0.134
7090.476	3.861	0.114
7298.242	3.856	0.135
7512.097	3.853	0.173
7732.218	3.851	0.216
7958.790	3.849	0.251
8192.000	3.845	0.295
8432.044	3.843	0.365
8679.122	3.844	0.424
8933.439	3.844	0.443
9195.209	3.842	0.471
9464.649	3.841	0.530
9741.985	3.842	0.572
10027.447	3.841	0.606
10321.273	3.840	0.653
10623.710	3.839	0.695
10935.008	3.838	0.732
11255.428	3.837	0.771
11585.238	3.834	0.812
11924.711	3.832	0.852
12274.132	3.830	0.891
12633.791	3.828	0.944

13003.989	3.827	1.003
13385.035	3.826	1.062
13777.247	3.825	1.108
14180.951	3.825	1.155
14596.485	3.823	1.223
15024.194	3.823	1.298
15464.437	3.822	1.359
15917.579	3.821	1.420
16384.000	3.820	1.488
16864.088	3.820	1.561
17358.243	3.821	1.657
17866.879	3.823	1.779
18390.418	3.827	1.932
18929.299	3.832	2.080
19483.969	3.835	2.201
20054.893	3.838	2.183
20642.546	3.824	1.023