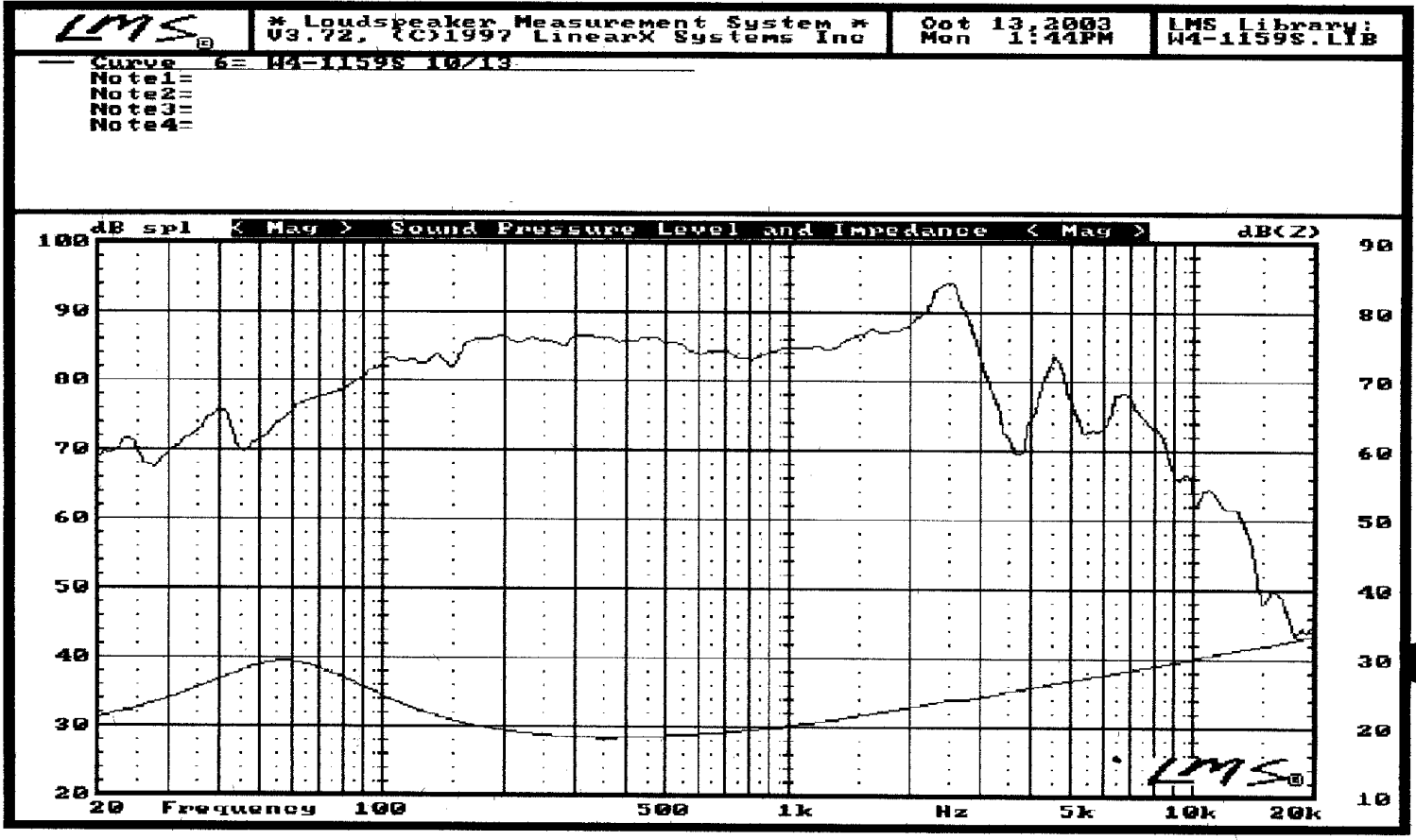
LMS
* Loudspeaker Measurement System *
V3.72, (C)1997 LinearX Systems Inc
Oct 13,2003
Mon 1:44PM
LMS Library:
W4-1159S.LIB
Curve 6= W4-1159S 10/13
Note1=
Note2=
Note3=
Note4=
dB spl
< Mag > Sound Pressure Level and Impedance < Mag >
dB(Z)
100
90
80
70
60
50
40
30
20
90
80
70
60
50
40
30
20
10
20 Frequency 100 500 1k Hz 5k 10k 20k
LMS

```
================================================================================
* LMS Version 3.72          Date=Oct 13,2003     Time=Mon  1:39PM
================================================================================
* Speaker Parameter Measurement Data (SPM)
================================================================================

Method: Delta Mass Curve Pair

Free  Air  Curve Num=  1     Name=W4-1159S 10/13
Delta Mass Curve Num=  2     Name=+8G

Mass Added to Cone=     8.00 Gram

------------------- Electrical/Mechanical Parameters --------------------
Revc(DC VC Res ) =   7.0000 Ohm        Qms (Mech  Q)  =    1.3671
Fo  (Res Freq  ) =  58.6707 Hz         Qes (Elec  Q)  =    0.4227
Zo  (Zmax at Fo) =  29.6394 Ohm        Qts (Total Q)  =    0.3229
Sd  (Piston Area)=   0.0057 sqM        Vas(Acous Vol) =    4.9758 Litr
BL  (Flux*Length)=   6.4540 TM         Cms(Compliance)=1078.4860 uM/N
no  (Ref Effncy) =   0.2299 %          Mms(Total Mass)=    6.8231 Gram
SPLo(SPL at 1W ) =  85.6335 dB         Mmd(DiaphmMass)=    6.5757 Gram

---------------------- Motor Impedance Parameters ----------------------
Levc (Induc at  1kHz) =    0.7131 mH   Rem(Res at  1kHz)=    2.1409 Ohm
Levc (Induc at 20kHz) =    0.3274 mH   Rem(Res at 20kHz)=   24.4686 Ohm
Krm  (Resistance Cons)=    1.7452 mOhm Erm(Resis Expont)=    0.8132
Kxm  (Reactance  Cons)=    6.9171 mH   Exm(React Expont)=    0.7402

================================================================================
```