REFERENCE	AUDIOM 15 A2
RATED POWER HANDLING	
Nominal/Program (W)	200 / 300
VOICE COIL	
Diameter/Length (mm)	77 / 7
Nom./Mini Impedance (Ohms)	8 / 7
DC Resistance (Ohms)	6,1
Inductance (mH)	0,74
Former	Kapton
Layers	2
Wire	Flat copper
CONE	Paper
SURROUND	Coated Fabric
MAGNET	
Diameter (mm)	235
Weight (gr)	3000
Flux density=B (T)	1,2
Gap Height (mm)	10
SENSITIVITY	
2.8V/1m (dB)	96,5
NET WEIGHT (Kg)	14,2

DRIVER PARAMETERS

REFERENCE:	AUDIOM 15 A2

Date: 14/12/1995

Fs:	20,86 Hz	Qts:	0,316	Ces:	417,54 mF
Rcc:	6,03 Ohms	Sd:	855,30 Cm2	Les:	139,41 mH
Qes:	0,330	Vas:	1060,25 Liters	Res:	137,41 Ohms
Qms:	7,520			Cas:	7,55E-06 m5/N
D:	33,00 Cm	Rms:	0,983 Kg/s	Mas:	7,71 Kg/m4
Mms:	56,41 Gr	Cms:	1,03E-03 m/N	Ras:	134,40 Ohms ac

Bl:	11,62 N/A	N:	2,81 percent
T:	206,05 ms-2	N0:	96,49 dB/W/m
Lvc:	6,50 mm	Hgap:	10,00 mm
Inductance:	0,74 mH		

Fs: Resonance frequency of driver (free air)

Rcc: Dc resistance of driver voice-coil

Qes: Driver Q at Fs considering electrical resistance Rcc only

Qms: Driver Q at Fs considering driver nonelectrical losses only

Qts. Total driver Q at Fs resulting from all driver resistances

D: Effective piston diameter

Sd: Effective projected surface area of driver diaphragm

Mms: Moving mass including air mass

Bl: Motor transduction constant

T: Acceleration Factor

N: Efficiency

No: Sensitivity

Vas: Volume of air having same acoustic compliance as driver suspension

Cas: Acoustic compliance of driver suspension

Mas: Acoustic mass of driver diaphragm assemby including voice coil and air load

Ras: Acoustic resistance of driver suspension losses

Ces: Electrical capacitance representing driver

Les: Electrical inductance representing driver compliance

Res: Electrical resistance representing driver suspension losses

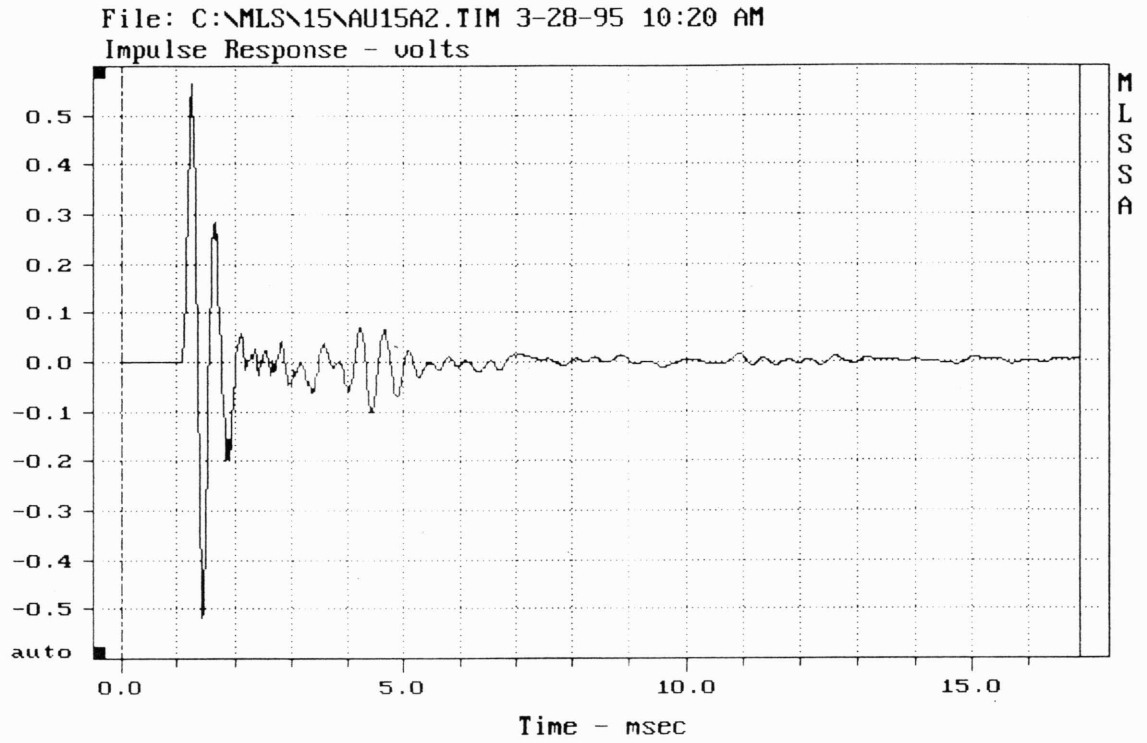
Rms: Mecanical resistance representing driver suspension losses

Cms: Driver mechanical compliance

Lvc: Voice-coil Length

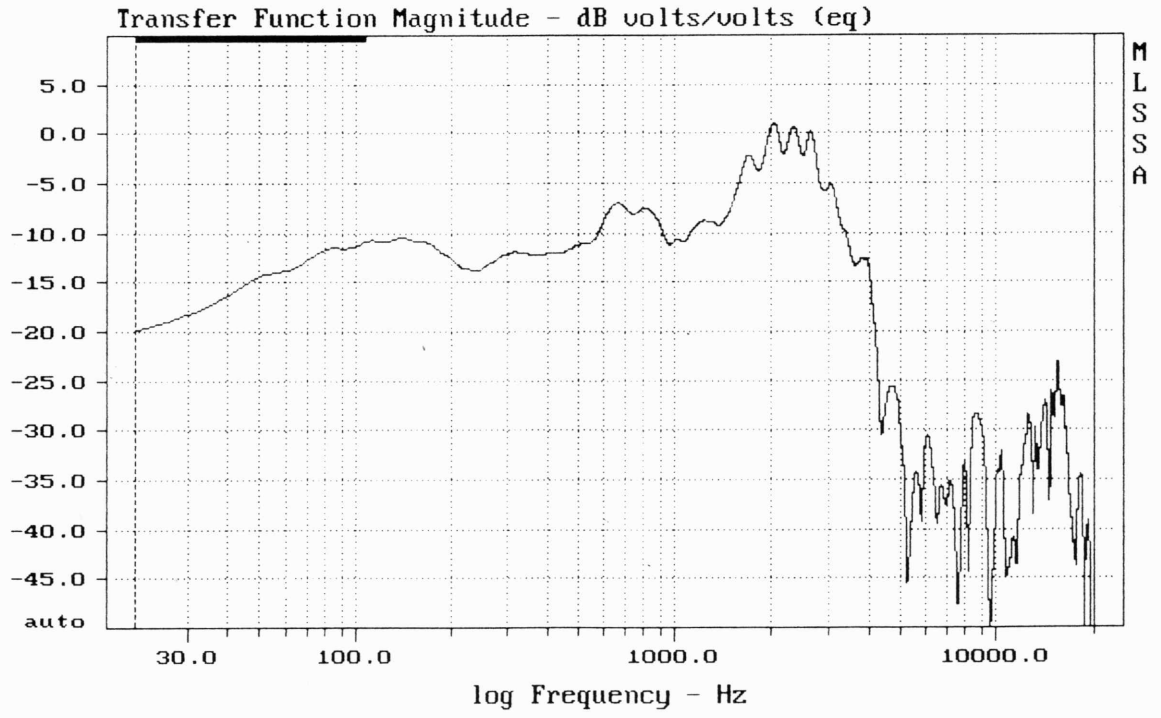
Hgap: Gap Height

FOCAL



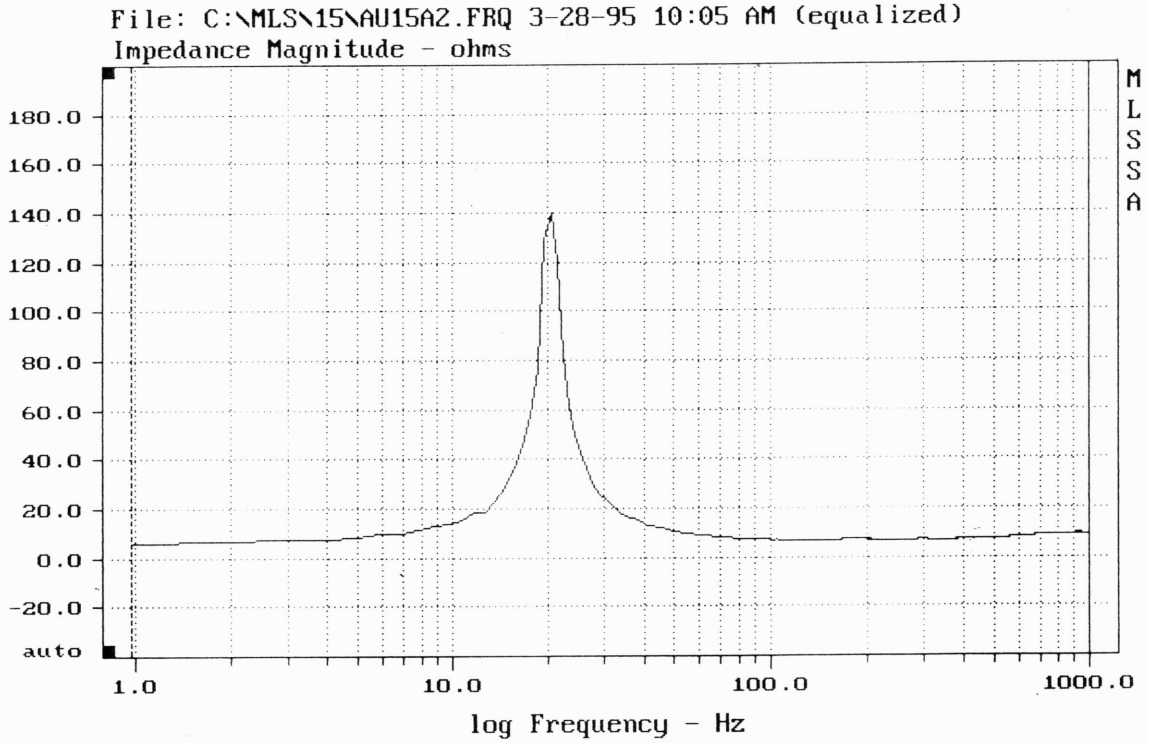
AUDIOM 15 A2

12-14-95 3:58 PM MLSSA: Time Domain



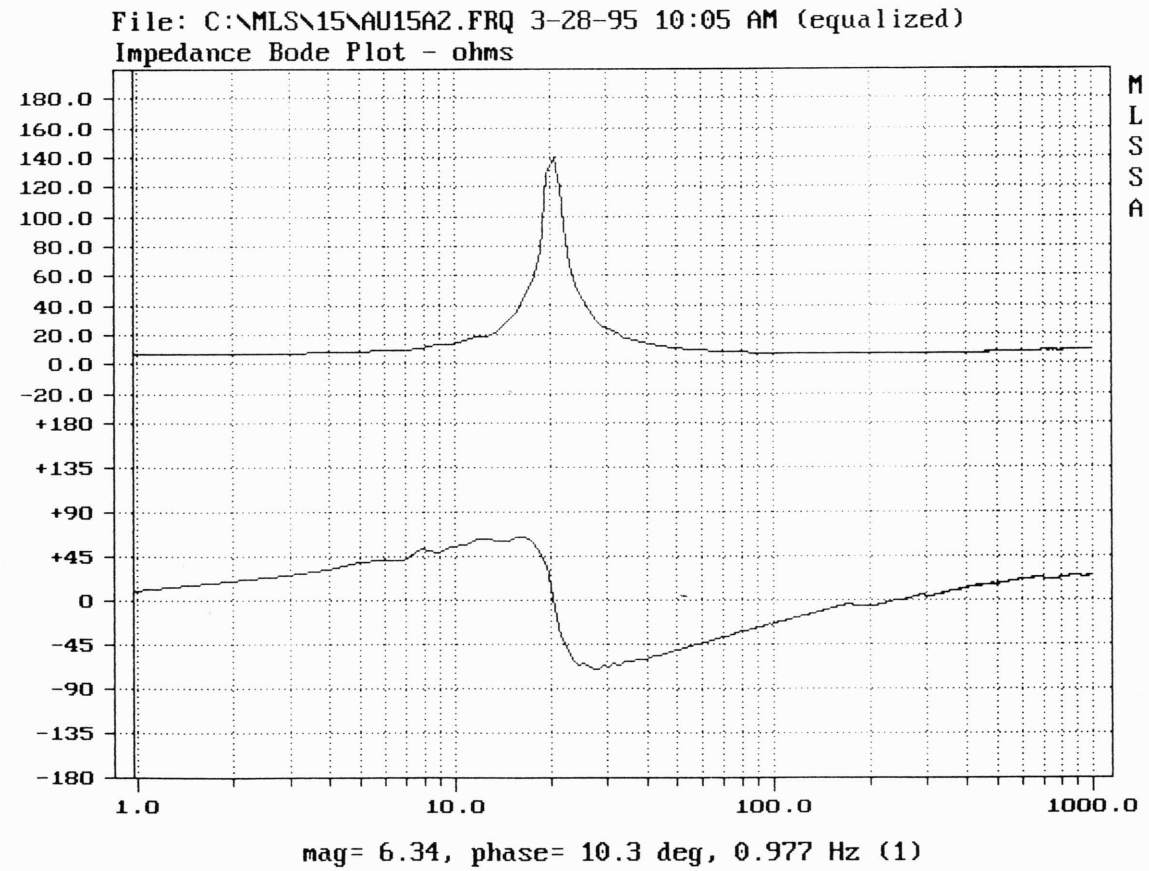
CURSOR: y = -58.9413 x = 20001.0356 (10814)

AUDIOM 15 A2



AUDIOM 15 A2

12-14-95 4:05 PM MLSSA: Frequency Domain



REFERENCE	AUDIOM 12 A2
RATED POWER HANDLING	
Nominal/Program (W)	130 / 250
VOICE COIL	
Diameter/Length (mm)	77 / 7
Nom./Mini Impedance (Ohms)	8 / 7
DC Resistance (Ohms)	6,2
Inductance (mH)	0,74
Former	Kapton
Layers	2
Wire	Flat copper
CONE	Paper
SURROUND	Coated Fabric
MAGNET	
Diameter (mm)	235
Weight (gr)	3000
Flux density=B (T)	1,2
Gap Height (mm)	10
SENSITIVITY	
2.8V/1m (dB)	95,5
NET WEIGHT (Kg)	11,5

DRIVER PARAMETERS

REFERENCE:	AUDIOM 12 A2

Date: ***14/12/1995***

Fs:	21,16 Hz	**Qts:**	0,212	**Ces:**	262,24 mF
Rcc:	6,31 Ohms	**Sd:**	510,71 Cm2	**Les:**	215,73 mH
Qes:	0,220	**Vas:**	538,56 Liters	**Res:**	176,39 Ohms
Qms:	6,150			**Cas:**	3,83E-06 m5/N
D:	25,50 Cm	**Rms:**	0,832 Kg/s	**Mas:**	14,75 Kg/m4
Mms:	38,48 Gr	**Cms:**	1,47E-03 m/N	**Ras:**	318,94 Ohms.ac

Bl:	12,11 N/A	**N:**	2,24 percent
T:	314,80 ms-2	**N0:**	95,49 dB/W/m
Lvc:	6,50 mm	**Hgap:**	8,00 mm
Inductance:	0,74 mH		

Fs: Resonance frequency of driver (free air)

Rcc: Dc resistance of driver voice-coil

Qes: Driver Q at Fs considering electrical resistance Rcc only

Qms: Driver Q at Fs considering driver nonelectrical losses only

Qts: Total driver Q at Fs resulting from all driver resistances

D: Effective piston diameter

Sd: Effective projected surface area of driver diaphragm

Mms: Moving mass including air mass

Bl: Motor transduction constant

T: Acceleration Factor

N: Efficiency

No: Sensitivity

Vas: Volume of air having same acoustic compliance as driver suspension

Cas: Acoustic compliance of driver suspension

Mas: Acoustic mass of driver diaphragm assemby including voice coil and air load

Ras: Acoustic resistance of driver suspension losses

Ces: Electrical capacitance representing driver

Les: Electrical inductance representing driver compliance

Res: Electrical resistance representing driver suspension losses

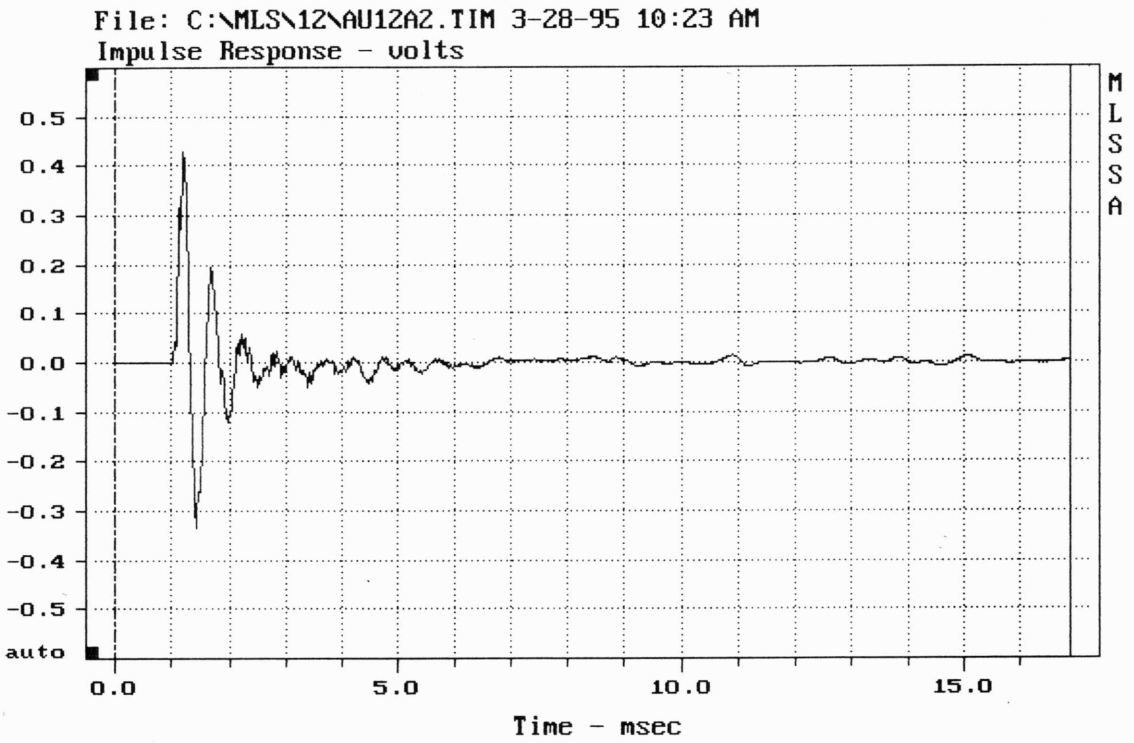
Rms: Mecanical resistance representing driver suspension losses

Cms: Driver mechanical compliance

Lvc: Voice-coil Length

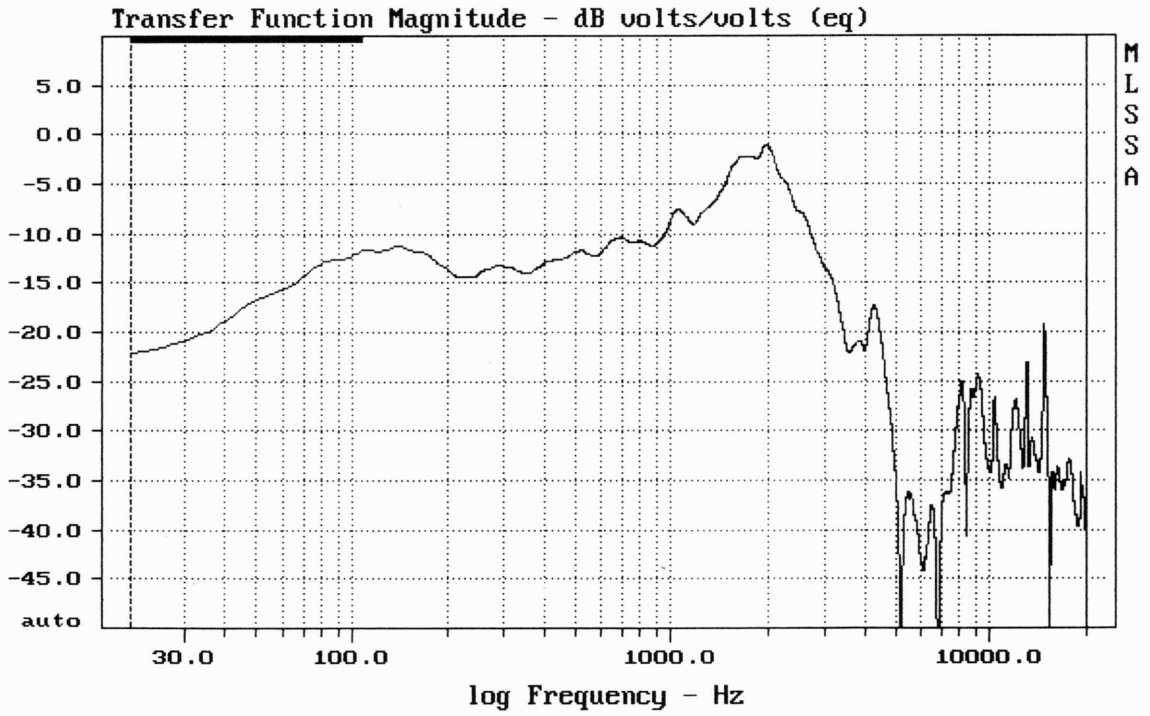
Hgap: Gap Height

FOCAL



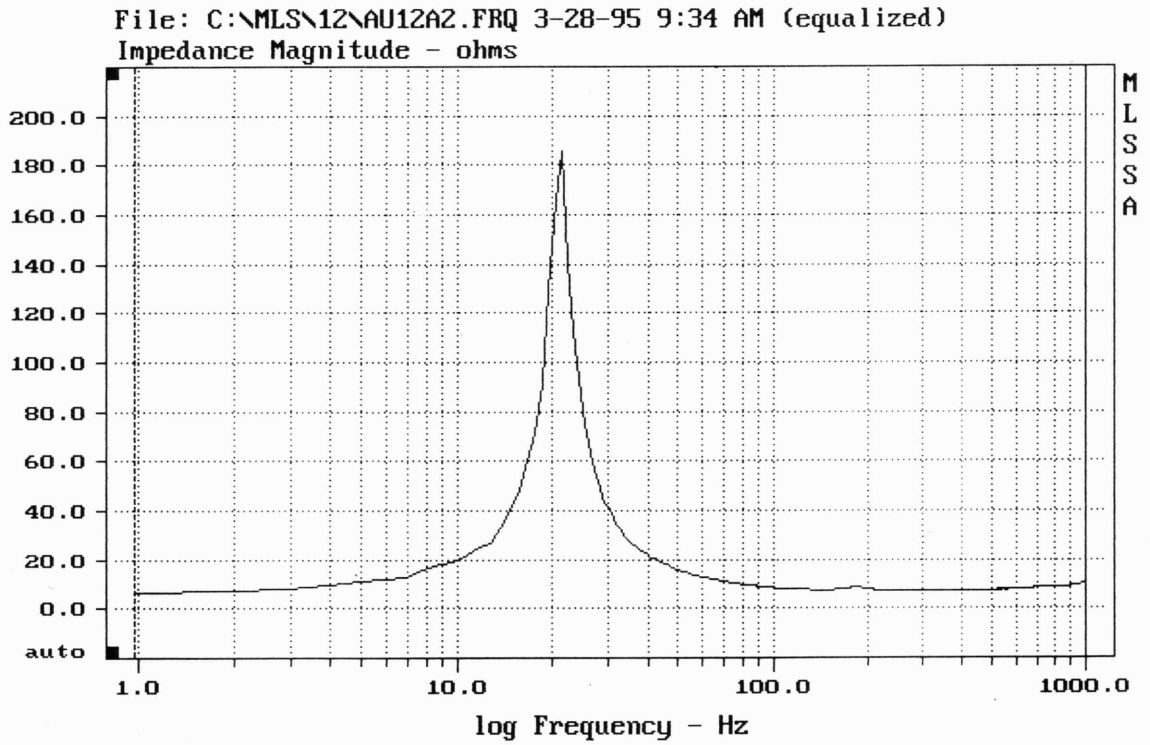
AUDIOM 12 A2

12-14-95 4:02 PM MLSSA: Time Domain



CURSOR: y = -45.2131 x = 20001.0356 (10814)

AUDIOM 12 A2



AUDIOM 12 A2

12-14-95 4:04 PM MLSSA: Frequency Domain