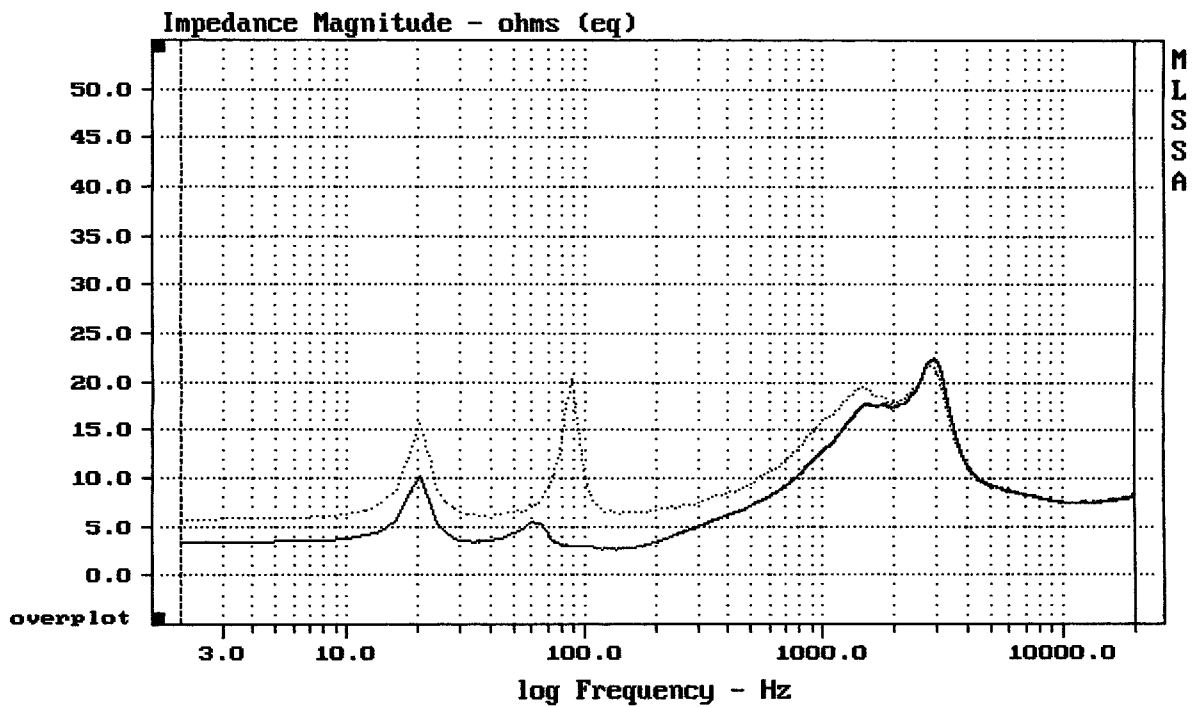


E-shop:

Mackie S518S

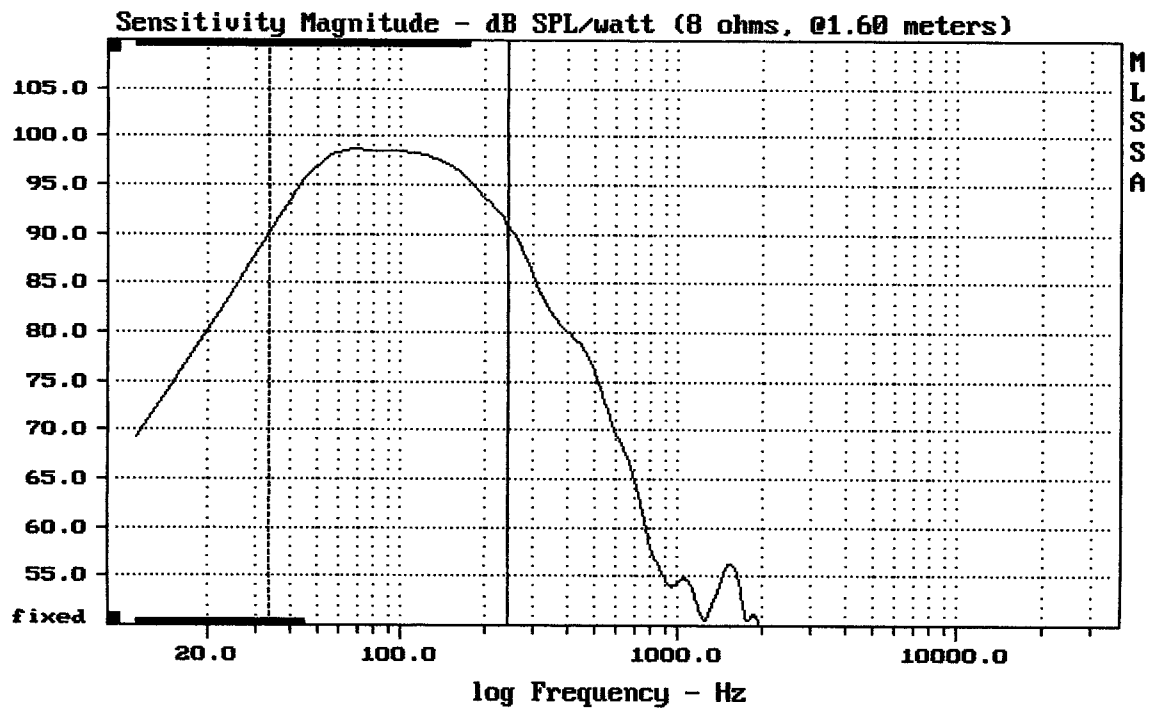
<http://eshop.prodance.cz/s518s/d-97895/>



mean: 9.489, rms: 10.11, std: 3.703, max: 22.39, min: 2.616

DT10 + S518S

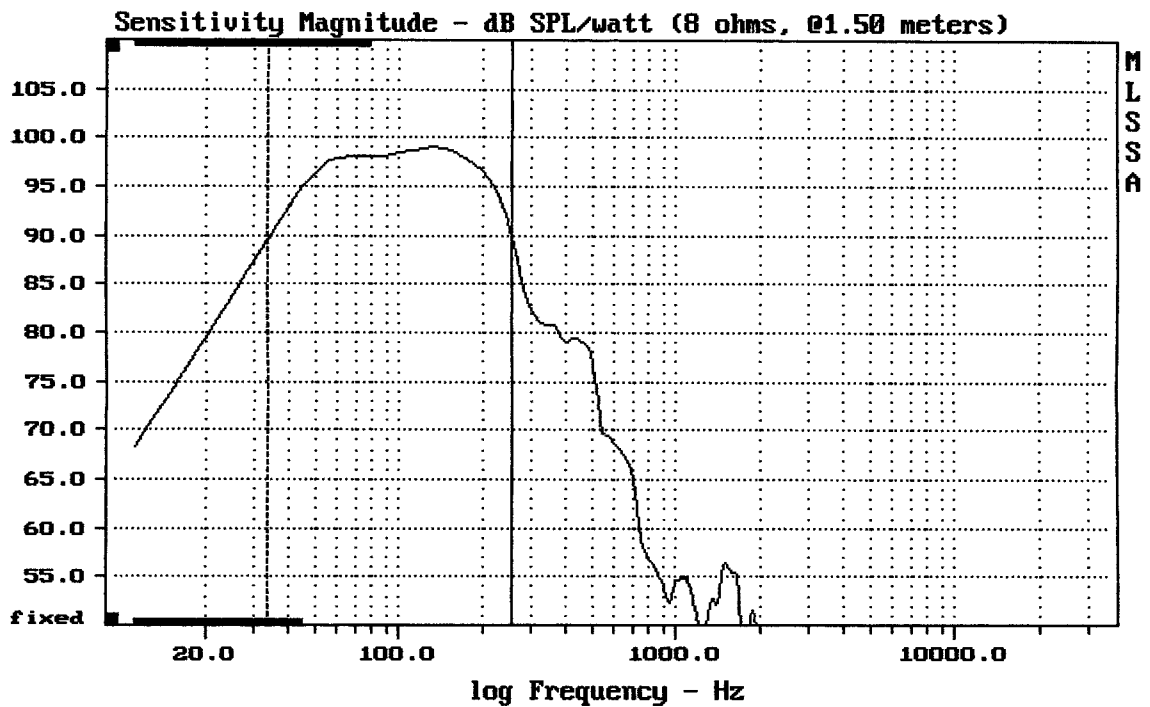
MLSSA: Frequency Domain



mean: 96.13, rms: 96.46, std: 2.16, max: 98.66, min: 90.06

MACKIE S518S

MLSSA: Frequency Domain

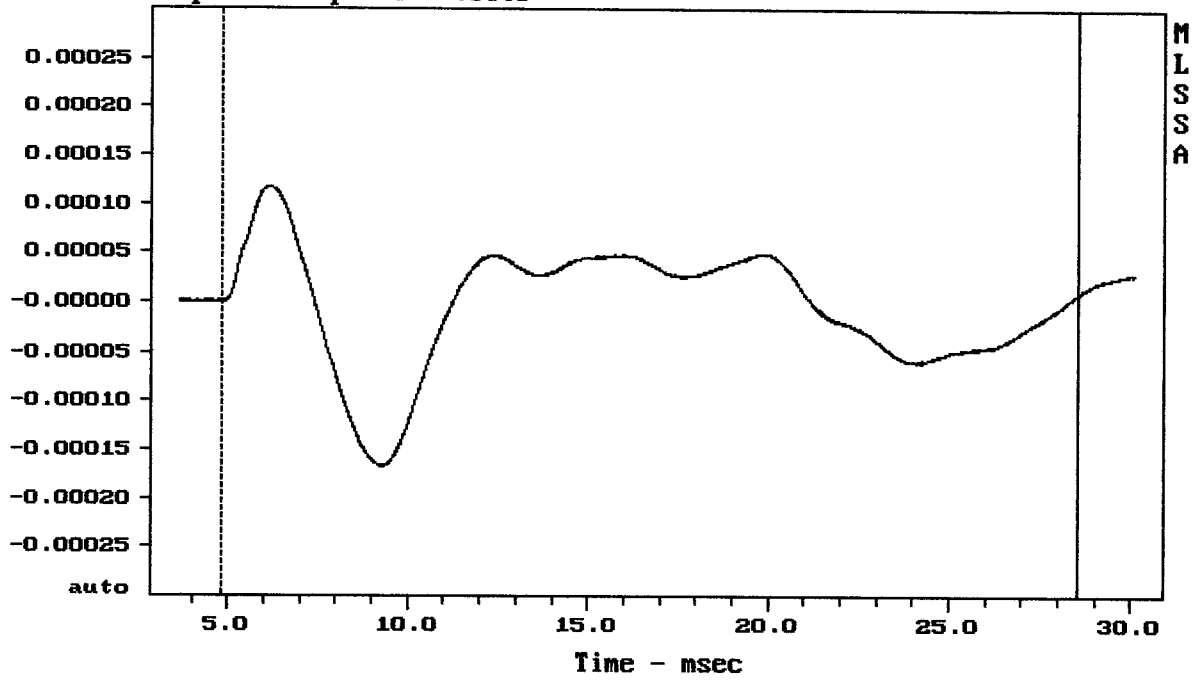


Level (33:255 Hz) = 96.93 dB SPL/watt (8 ohms, @1.50 meters)

MACKIE S518S

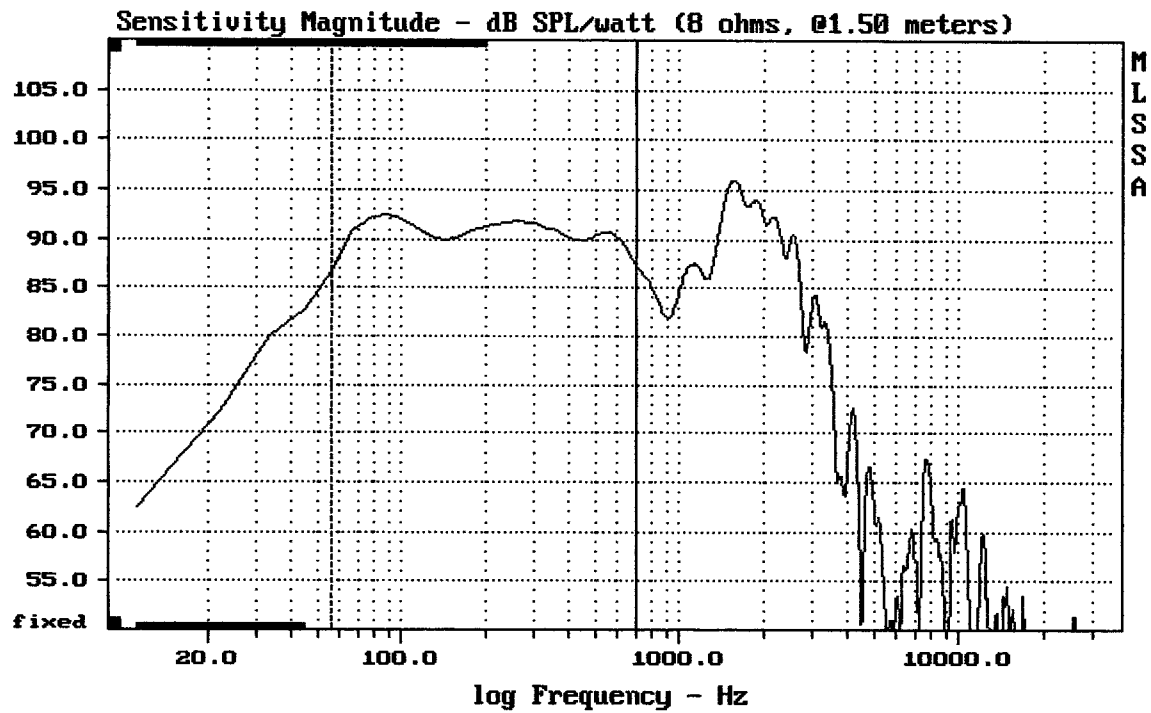
MLSSA: Frequency Domain

Impulse Response - volts



mean: $-3.717e-006$, rms: $6.055e-005$, std: $6.043e-005$, max: 0.0001178 , min: -0.0

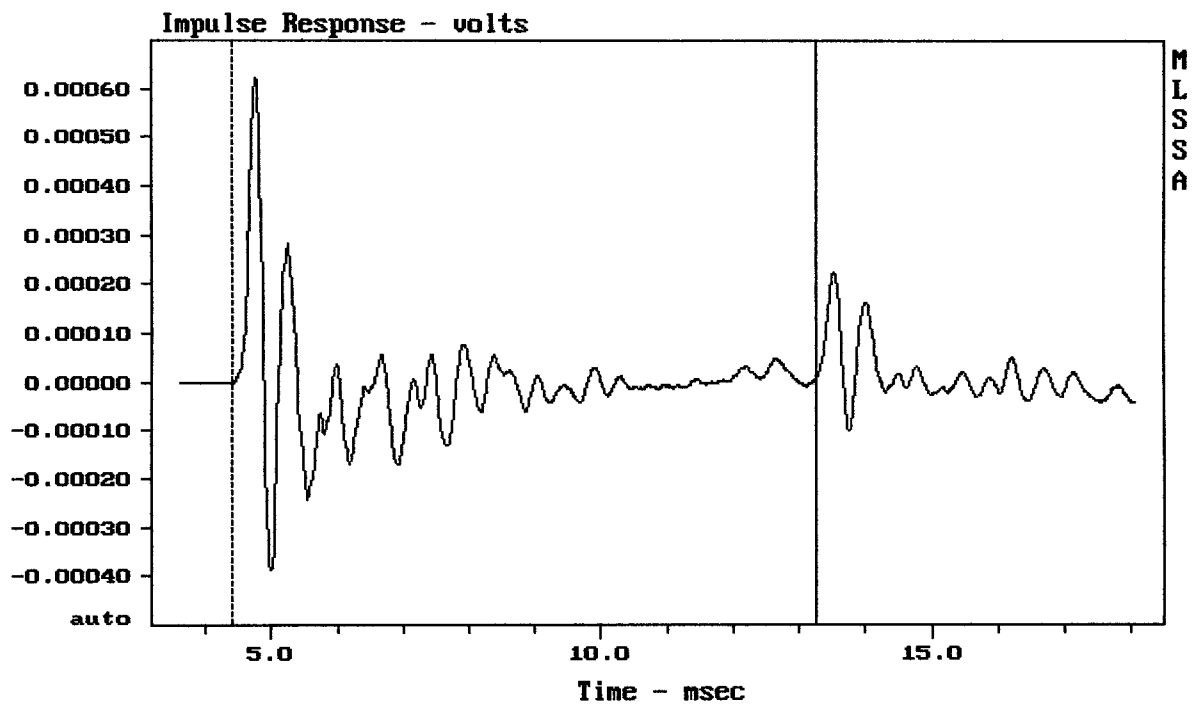
MACKIE S518S



Level (55.699 Hz) = 90.83 dB SPL/watt (8 ohms, @1.50 meters)

TC1876S FROM S518S

MLSSA: Frequency Domain



mean: -4.108e-006, rms: 0.0001116, std: 0.0001115, max: 0.0006237, min: -0.000

TC1876S FROM S518S

MLSSA: Time Domain

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.88	Ohms
2	Fs	35.04	Hz
3	Re	6.36	Ohms[dc]
4	Res	79.83	Ohms
5	Qms	7.87	
6	Qes	0.63	
7	Qts	0.58	
8	L1	1.89	mH
9	L2	3.10	mH
10	R2	15.40	Ohms
11	RMSE-load	0.85	Ohms
12	Vas(Sd)	227.33	liters
13	Mms	172.71	grams
14	Cms	119	$\mu\text{M}/\text{Newton}$
15	B1	19.64	Tesla-M
16	SPLref(Sd)	93.8	dB[Re]
17	Rub-index	0.00	

Method: Mass-loaded (120.00 grams)

Area (Sd): 1164.16 sq cm

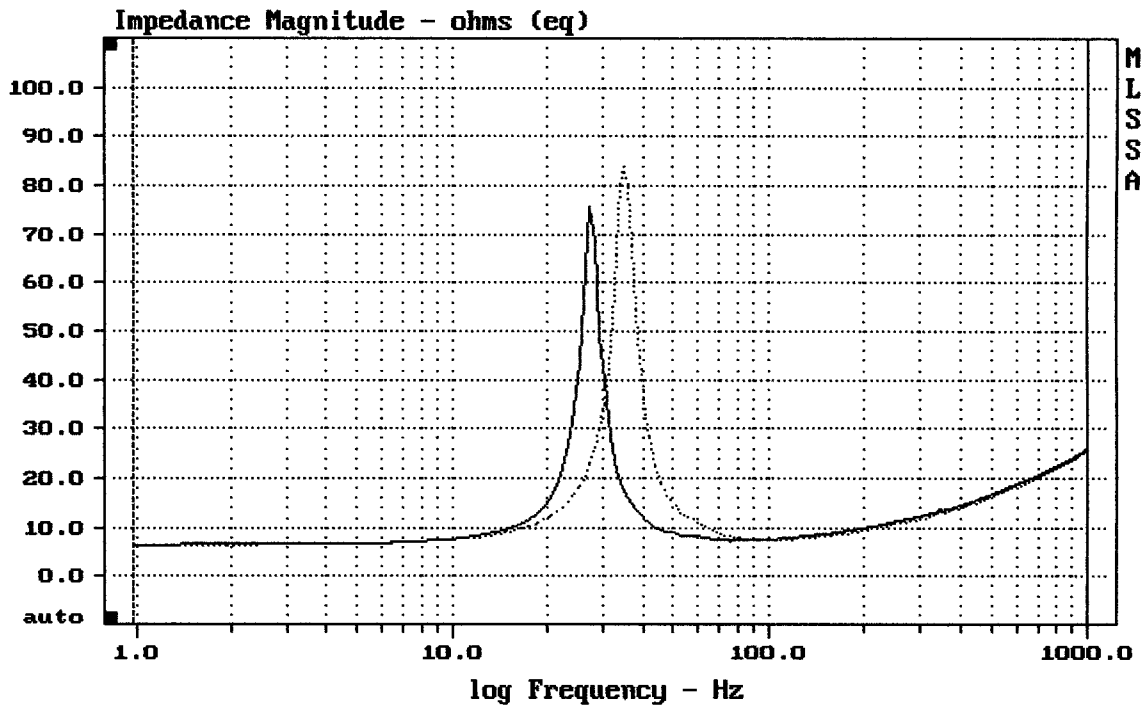
DCR mode: Measure (-0.13 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -21.8% (-20% to -50% is recommended).

18" FROM S518S

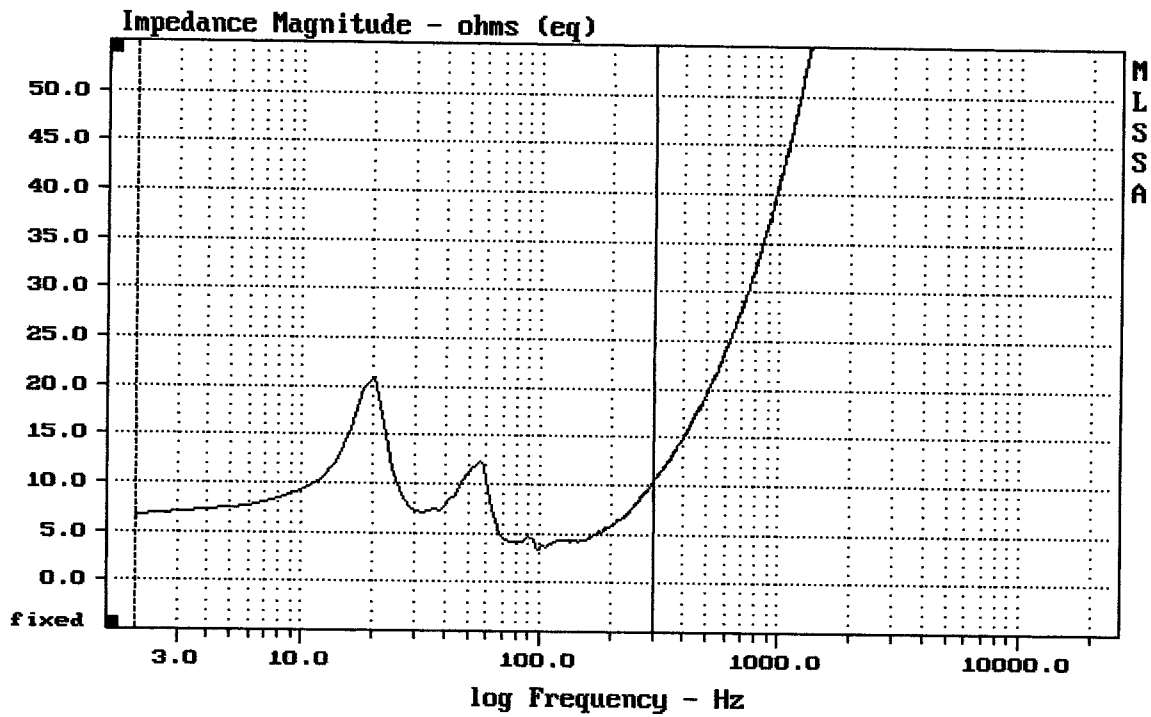
MLSSA: Parameters



mean: 16.88, rms: 18.37, std: 7.246, max: 83.92, min: 6.422

DTTO

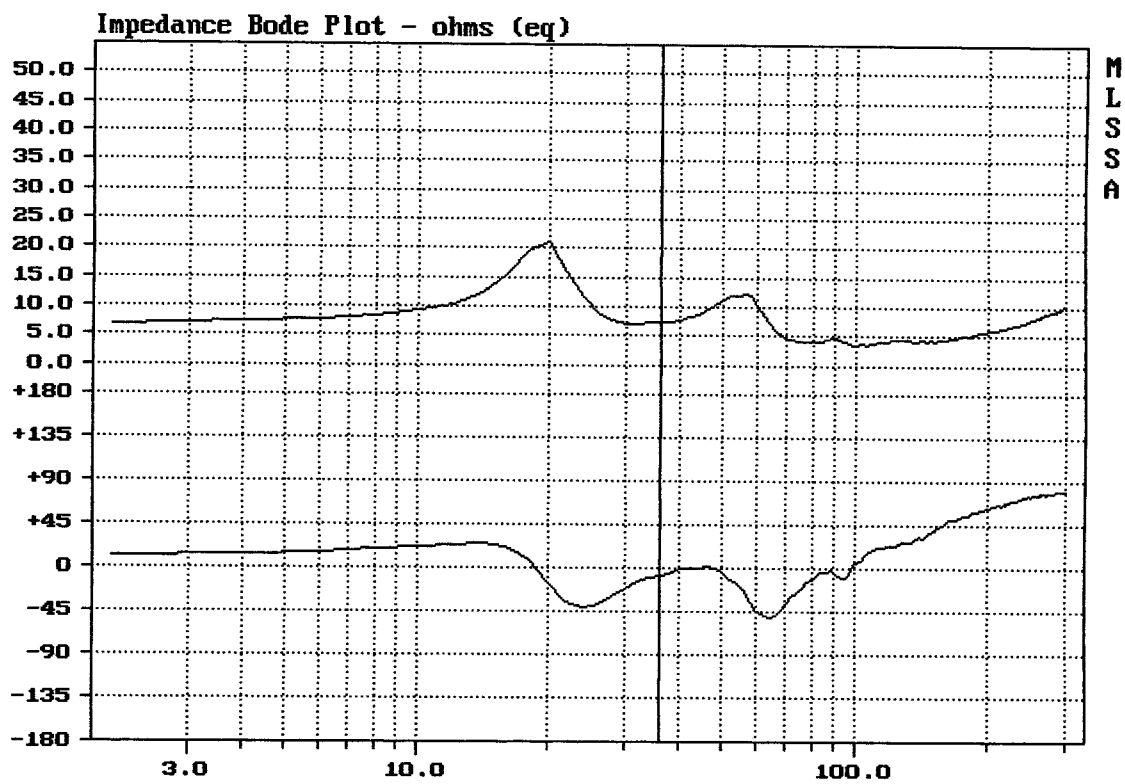
MLSSA: Frequency Domain



mean: 6.922, rms: 7.526, std: 2.952, max: 20.94, min: 3.402

MACKIE S518S

MLSSA: Frequency Domain



mag= 7.44, phase= -8.5 deg, 36.021 Hz (18)

DTTO