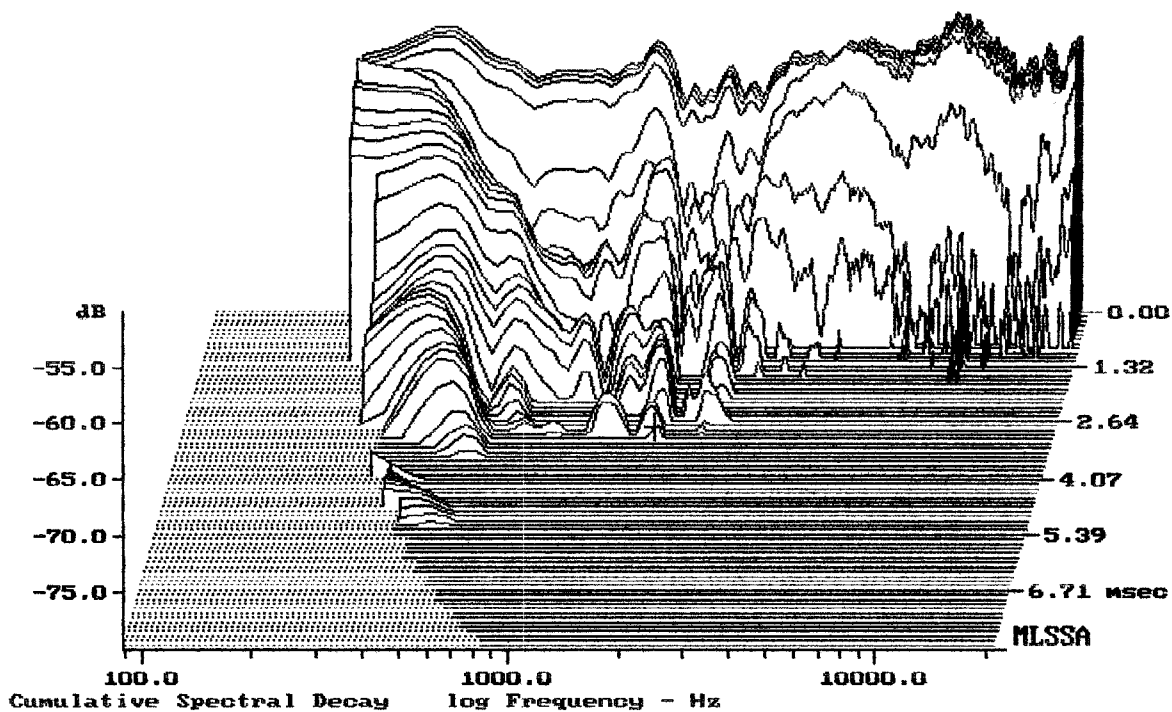


mean: 92.22, rms: 92.53, std: 2.00, max: 96.29, min: 83.81

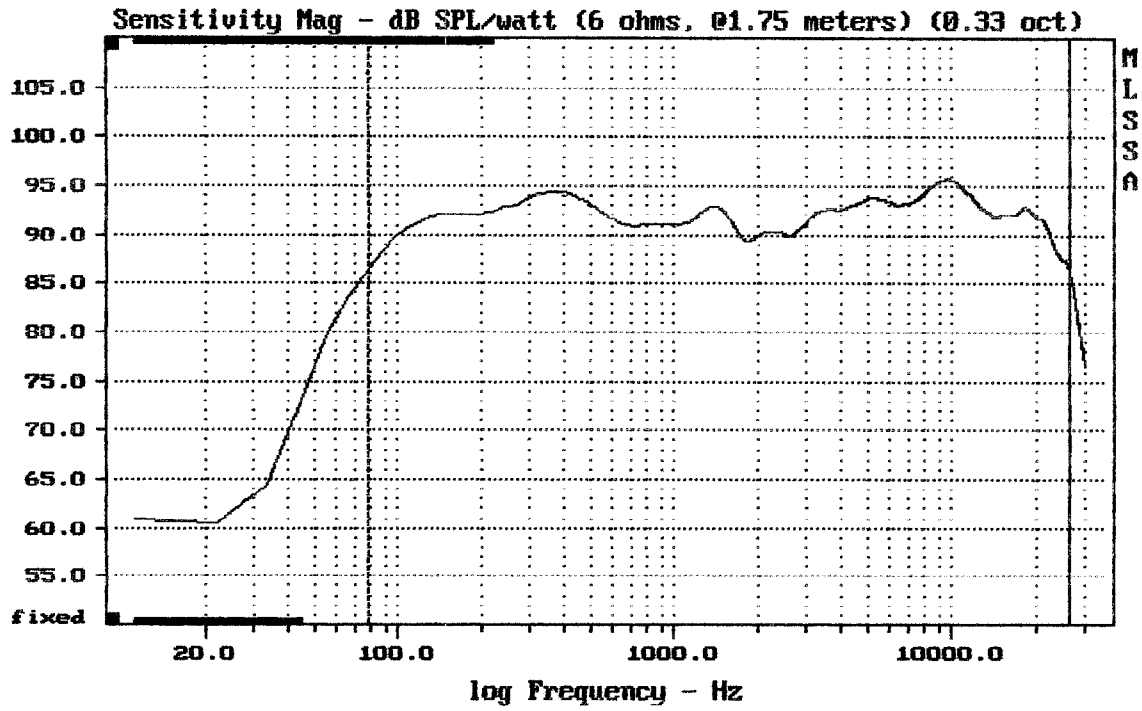
THUMP12

MLSSA: Frequency Domain



-78.85 dB, 1731 Hz (39), 3.000 msec (29)

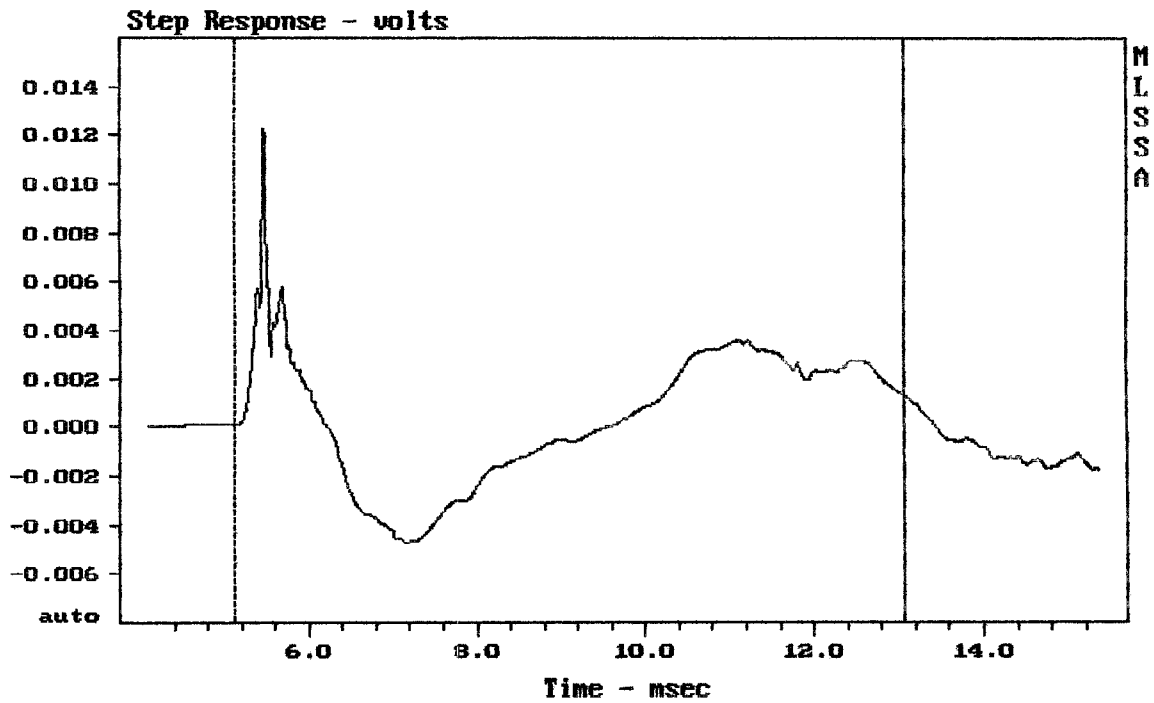
DTTO



Level (78:26500 Hz) = 92.36 dB SPL/watt (6 ohms, @1.75 meters) (0.33 oct)

THUMP12

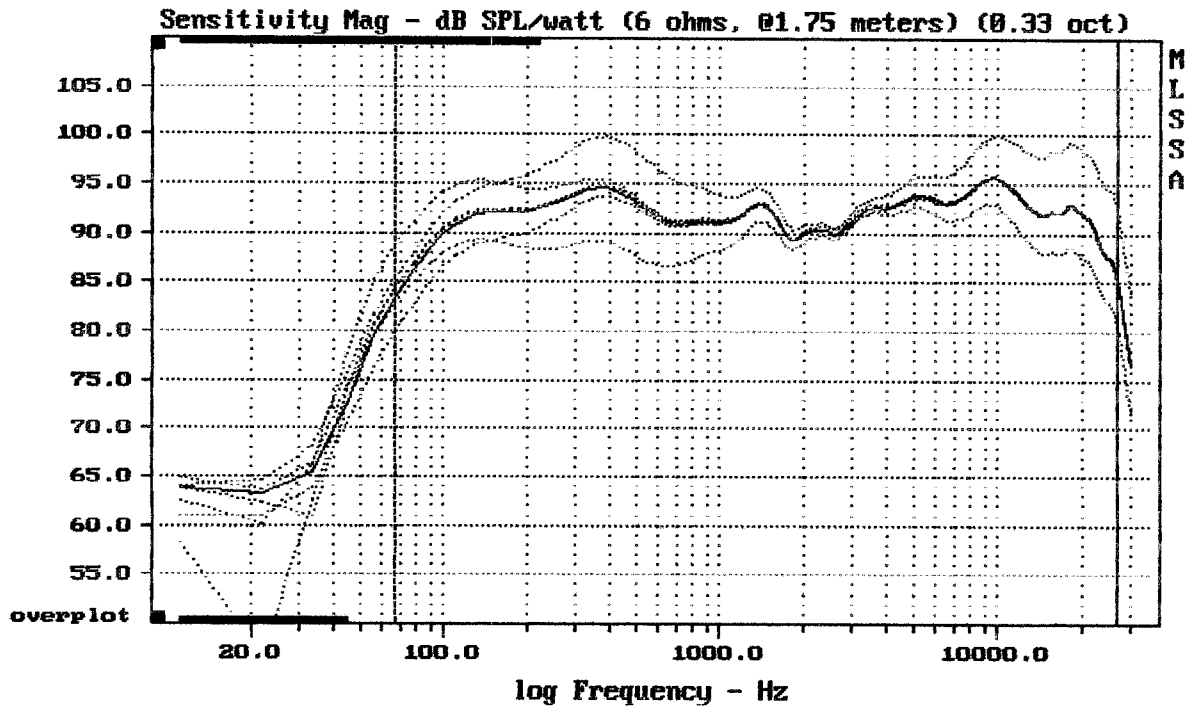
MLSSA: Frequency Domain



mean: 0.0004571, rms: 0.002782, std: 0.002744, max: 0.0123, min: -0.00472

THUMP12

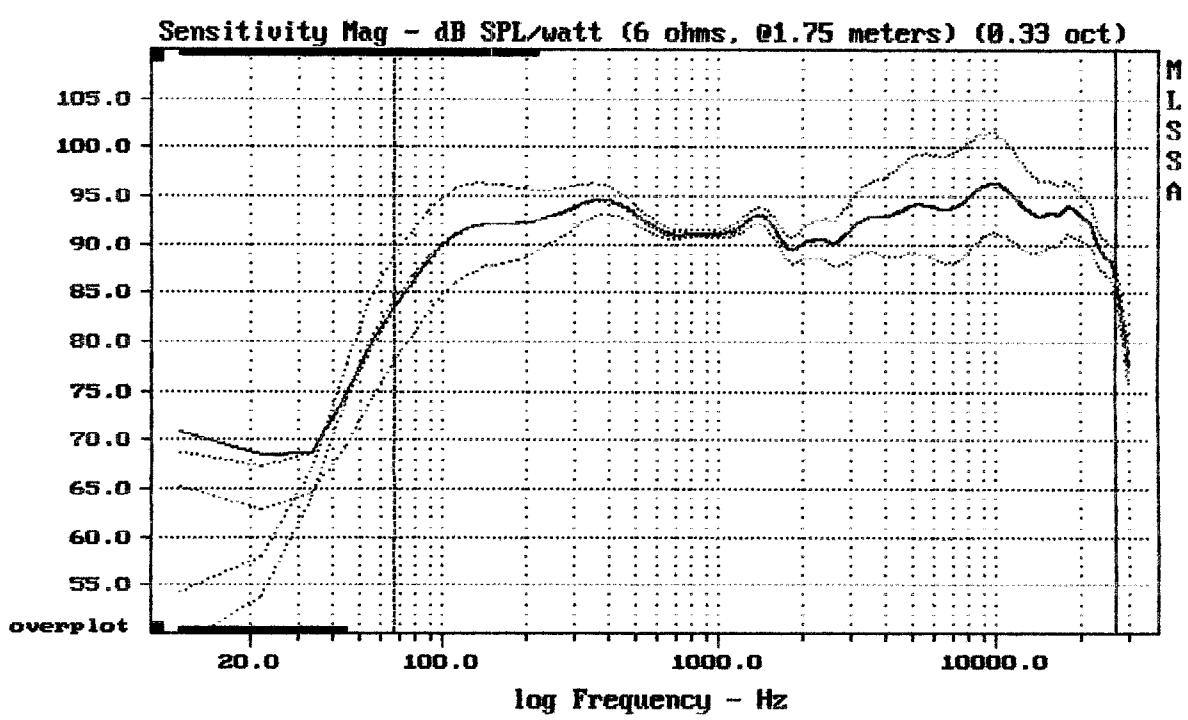
MLSSA: Time Domain



CURSOR: y = 80.9747 x = 26666.8138 (2403)

THUMP12

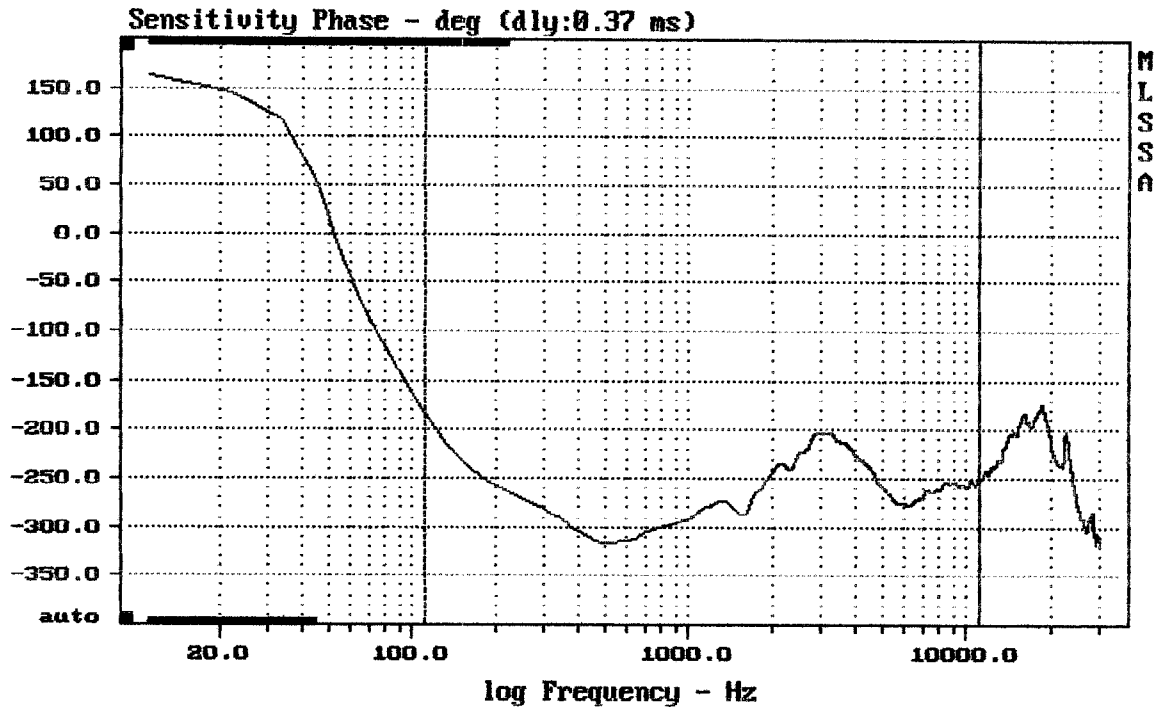
MLSSA: Frequency Domain



CURSOR: y = 84.9559 x = 26666.8138 (2403)

THUMP12

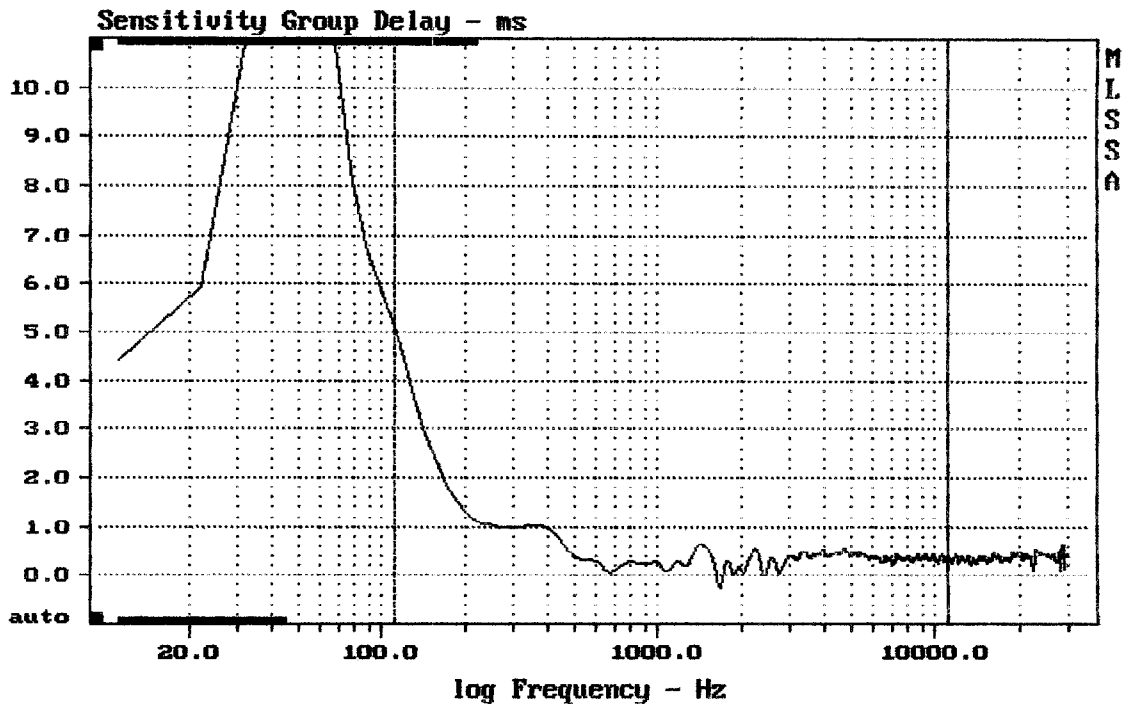
MLSSA: Frequency Domain



mean: -255.6, rms: 256.0, std: 24.17, max: -182.9, min: -315.9

THUMP12

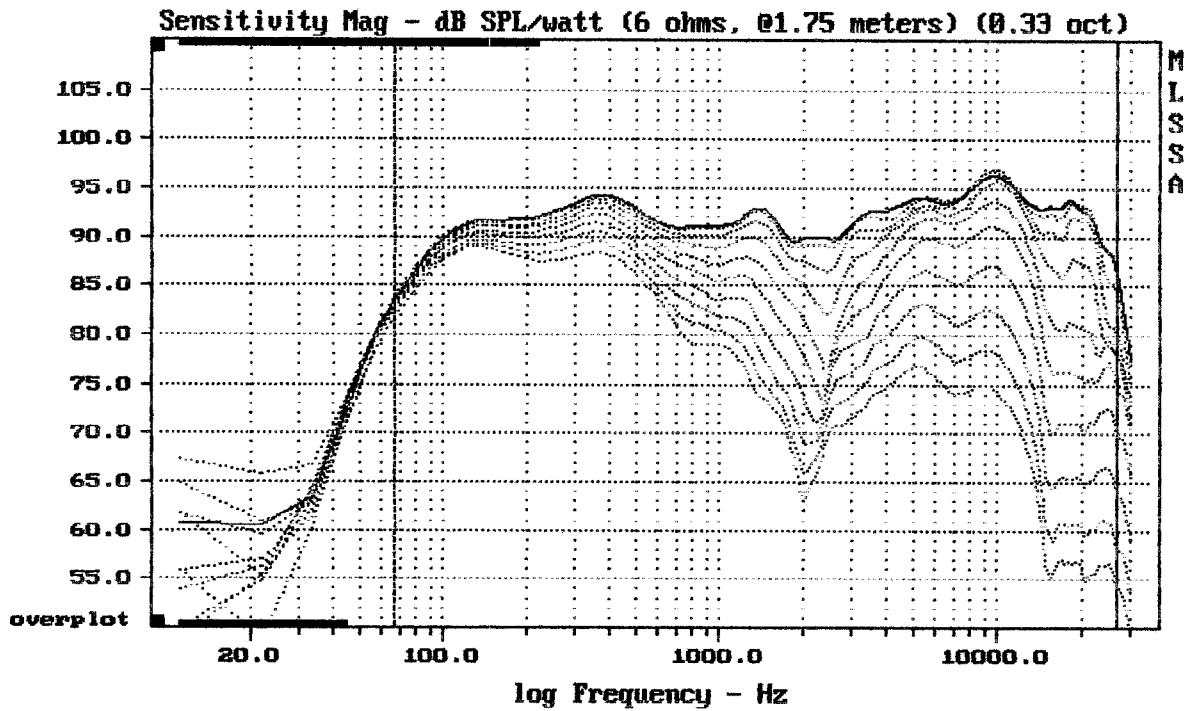
MLSSA: Frequency Domain



mean: 0.3896, rms: 0.4892, std: 0.2958, max: 5.107, min: -0.249

THUMP12

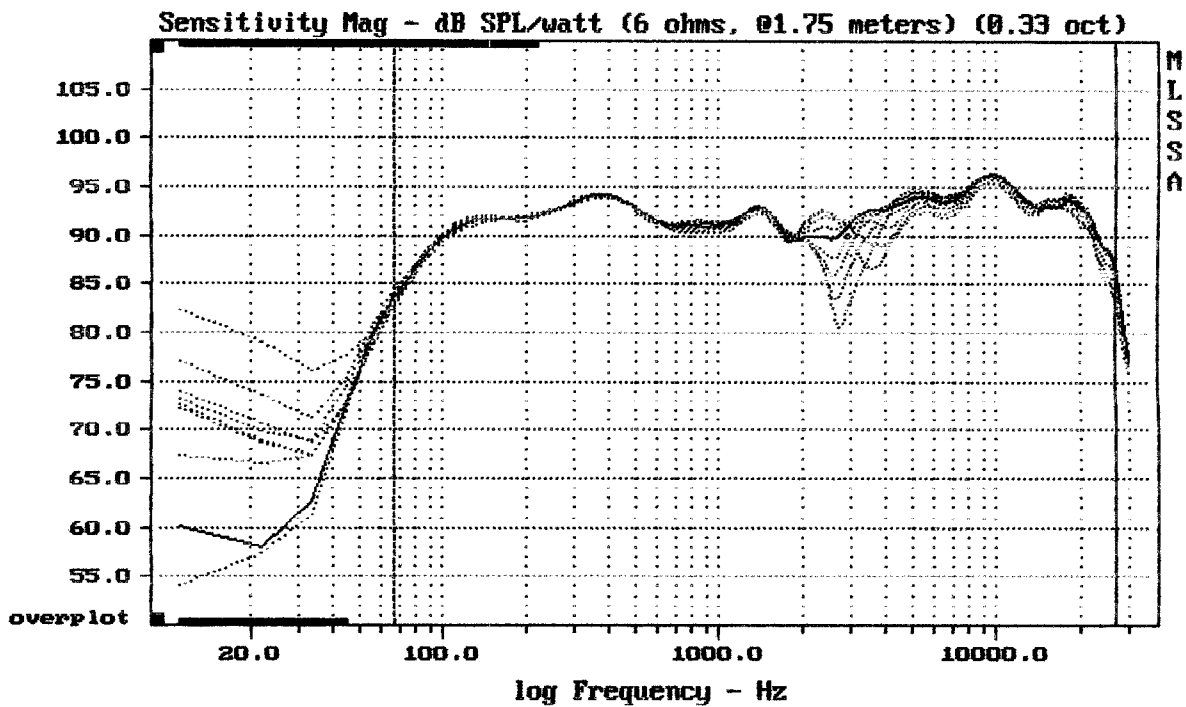
MLSSA: Frequency Domain



Overlay Compare: dev= +26/-11, std= 8.4, avg= -27

THUMP12

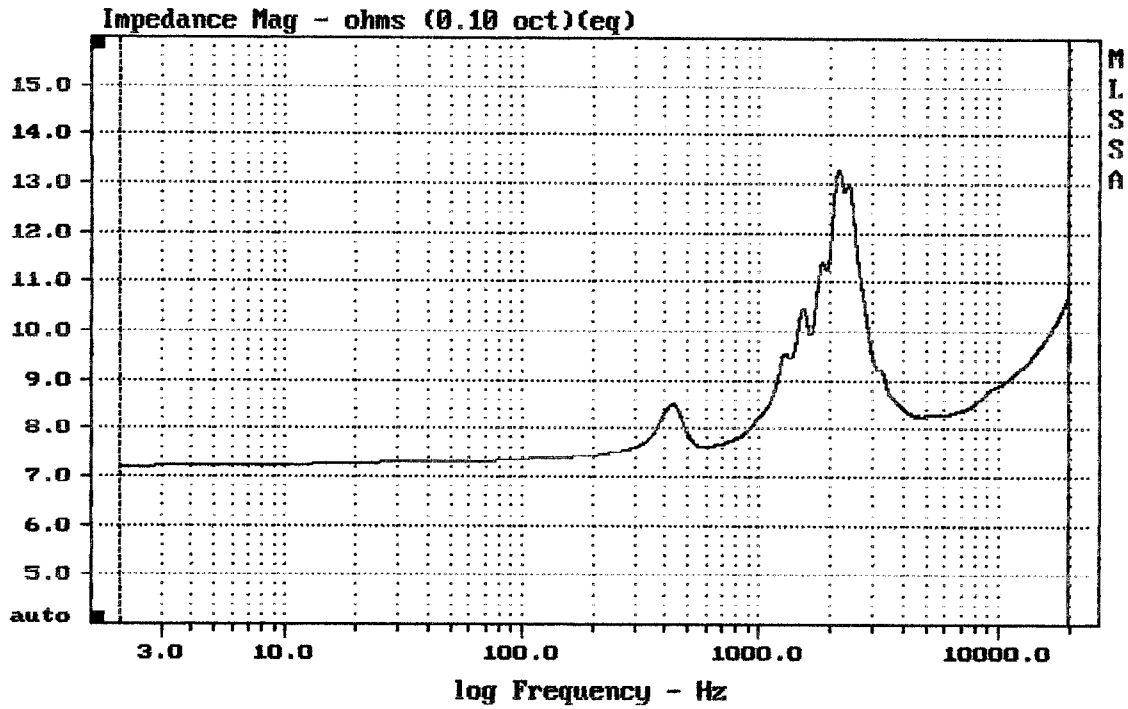
MLSSA: Frequency Domain



CURSOR: y = 83.3832 x = 26666.8138 (2403)

THUMP12

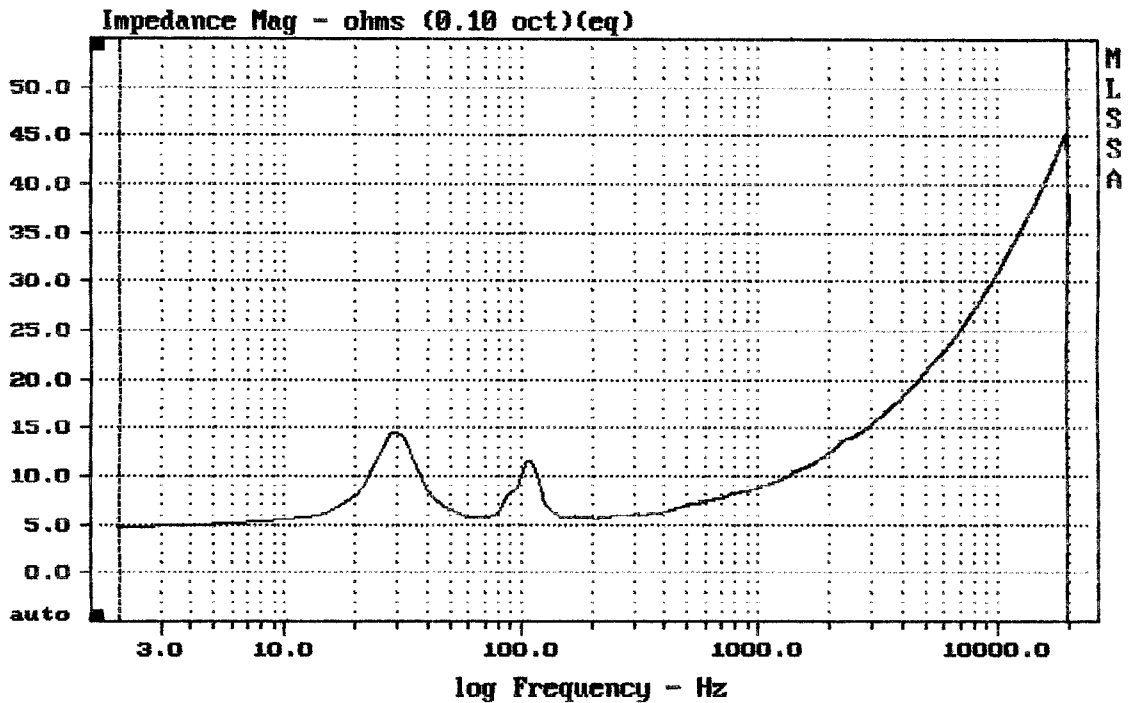
MLSSA: Frequency Domain



mean: 9.298, rms: 9.354, std: 1.016, max: 13.28, min: 7.211

DRIVER + HORN THUMP12

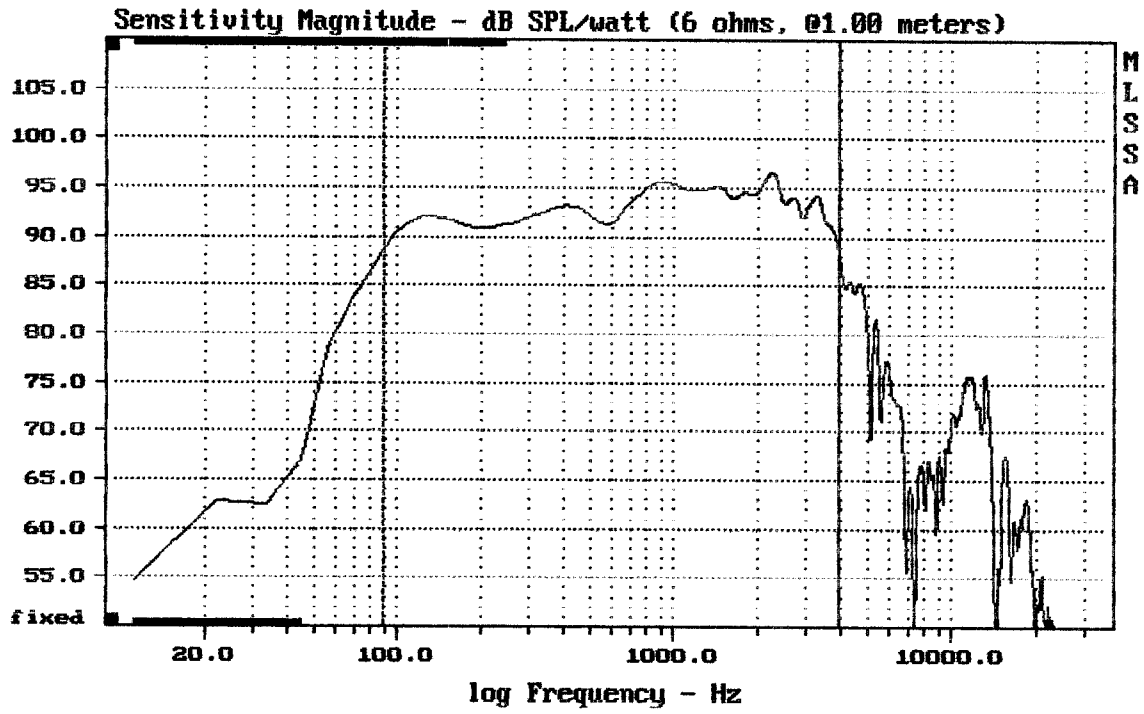
MLSSA: Frequency Domain



CURSOR: y = 40.5301 x = 19701.3474 (9845)

THUMP12

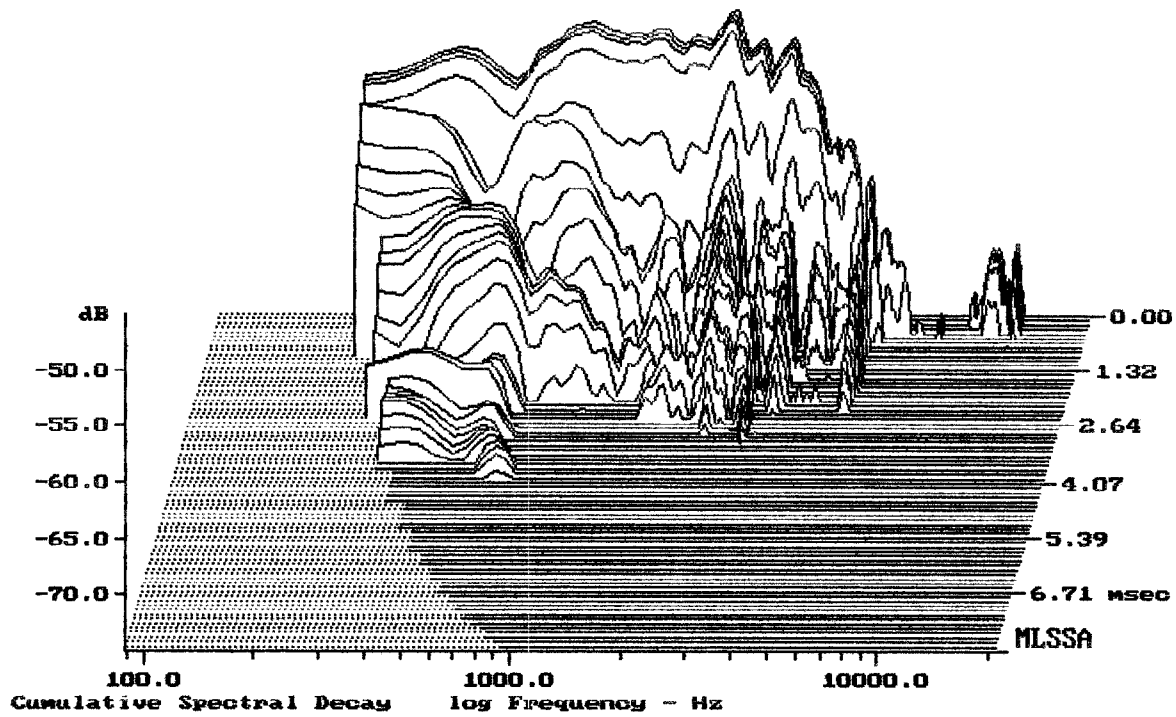
MLSSA: Frequency Domain



Level (89:3986 Hz) = 93.23 dB SPL/watt (6 ohms, @1.00 meters)

THUMP12

MLSSA: Frequency Domain



-74.38 dB, 2885 Hz (65), 2.970 msec (28)

DTTO

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.15	Ohms
2	Fs	45.97	Hz
3	Re	4.49	Ohms[dc]
4	Res	29.62	Ohms
5	Qms	4.60	
6	Qes	0.70	
7	Qts	0.61	
8	L1	0.54	mH
9	L2	0.99	mH
10	R2	3.77	Ohms
11	RMSE-load	0.20	Ohms
12	Vas(Sd)	110.32	liters
13	Mms	43.01	grams
14	Cms	279	μ M/Newton
15	B1	8.94	Tesla-M
16	SPLref(Sd)	93.7	dB[Re]
17	Rub-index	0.00	

Method: Mass-loaded (40.00 grams)

Area (Sd): 530.93 sq cm

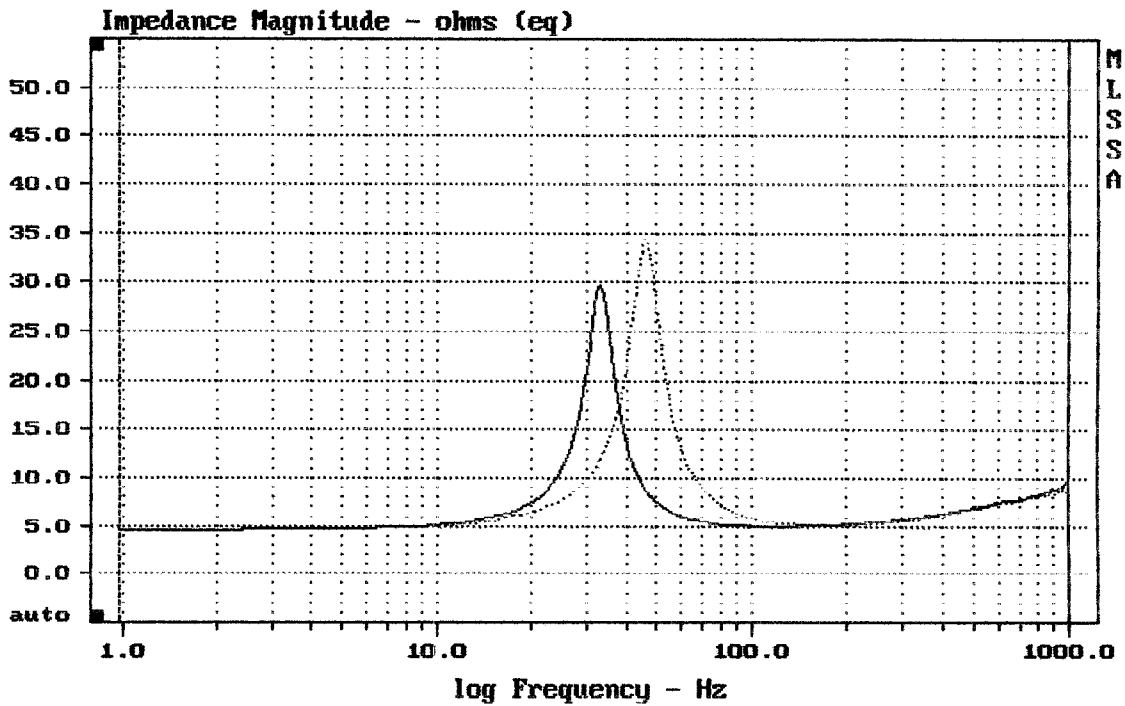
DCR mode: Measure (-0.11 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -28.2% (-20% to -50% is recommended).

THUMP12

MLSSA: Parameters



mean: 7.385, rms: 7.965, std: 2.986, max: 34.26, min: 4.59

MLSSA: Frequency Domain