

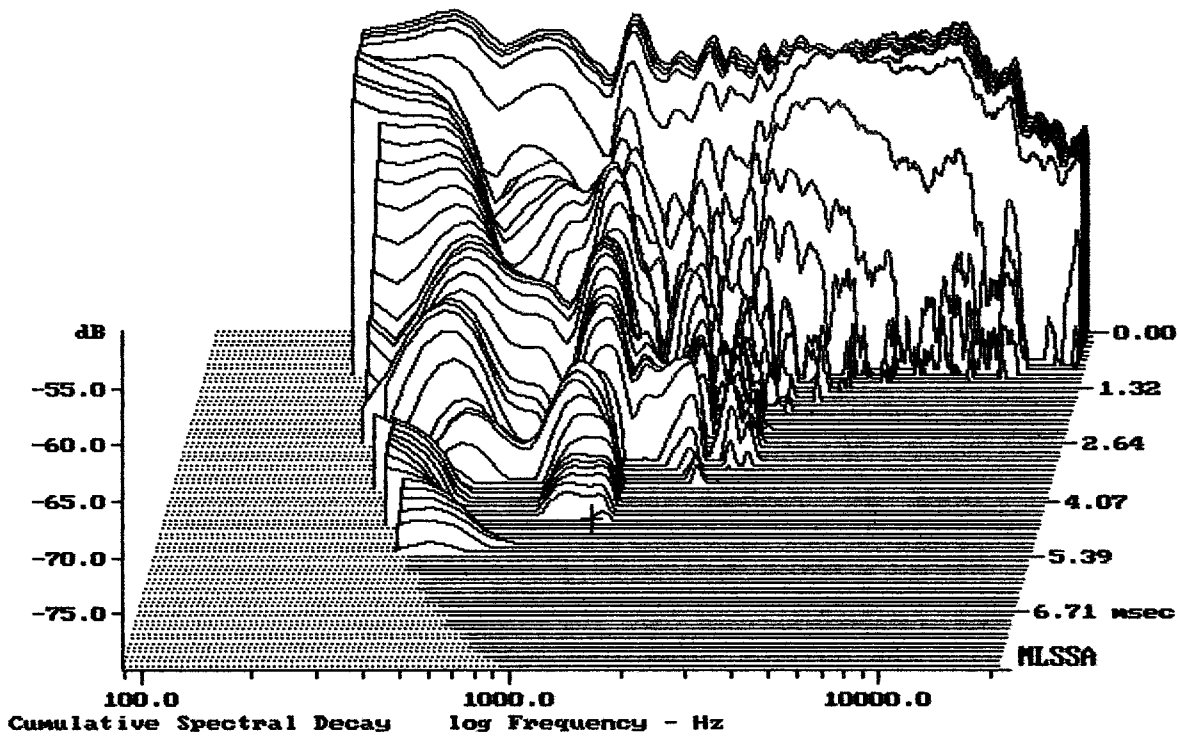
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mean: 94.39, rms: 94.91, std: 2.65, max: 99.04, min: 87.20

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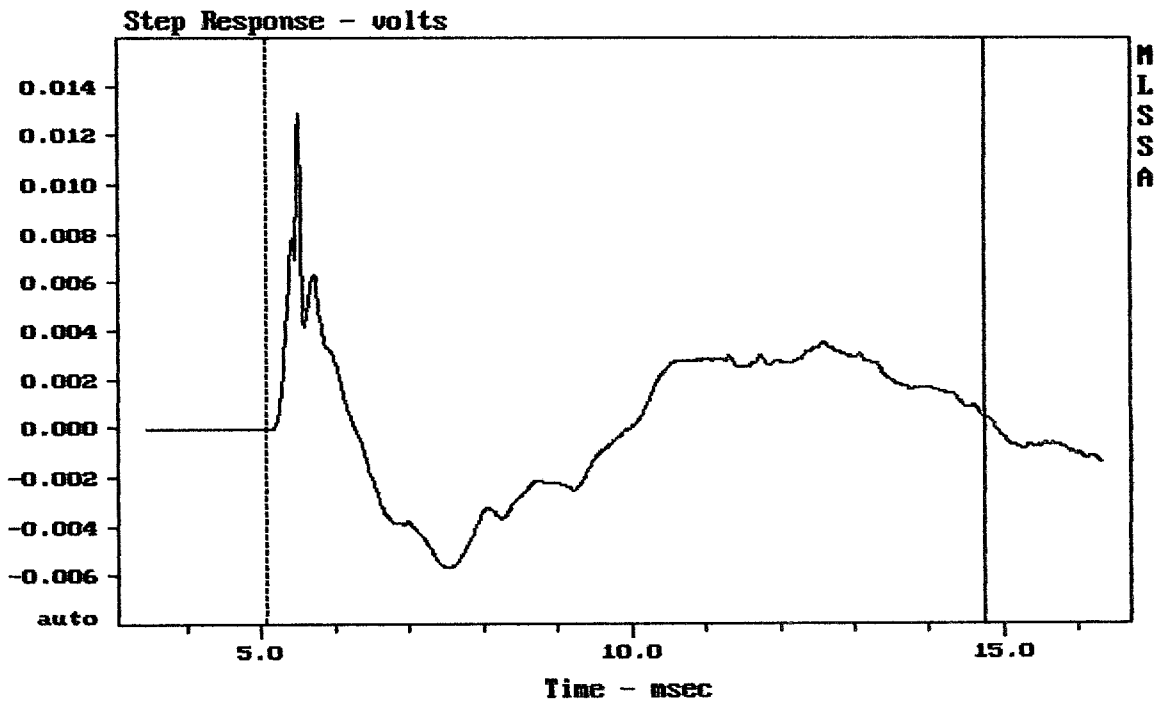
THUMP15

MLSSA: Frequency Domain



-79.82 dB, 1287 Hz (29), 4.518 msec (42)

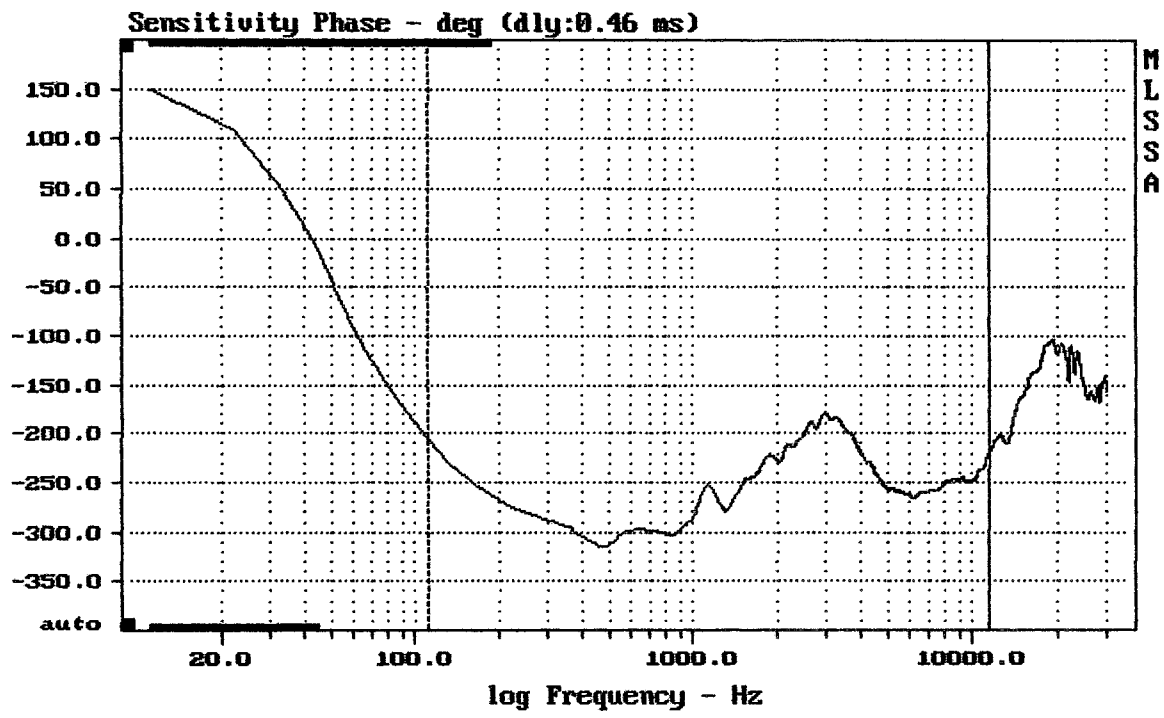
DTTO



mean: 0.0004223, rms: 0.003113, std: 0.003084, max: 0.01287, min: -0.005693

THUMP15

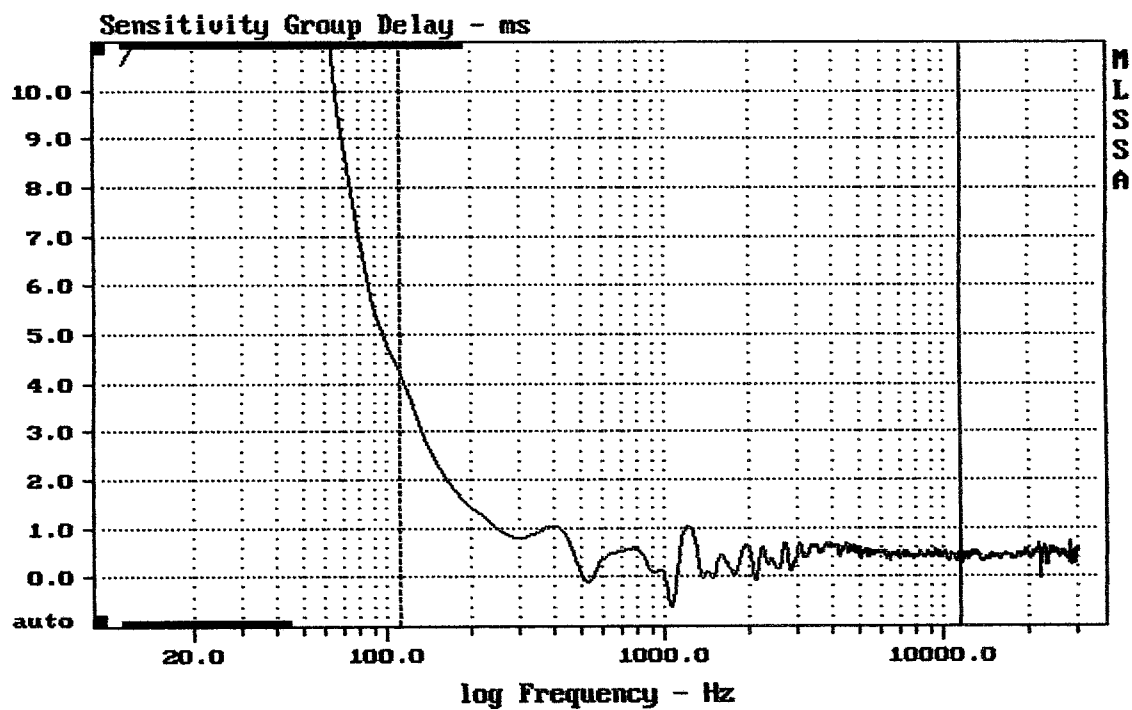
MLSSA: Time Domain



mean: -243.5, rms: 245, std: 27.15, max: -178.8, min: -314.2

THUMP15

MLSSA: Frequency Domain

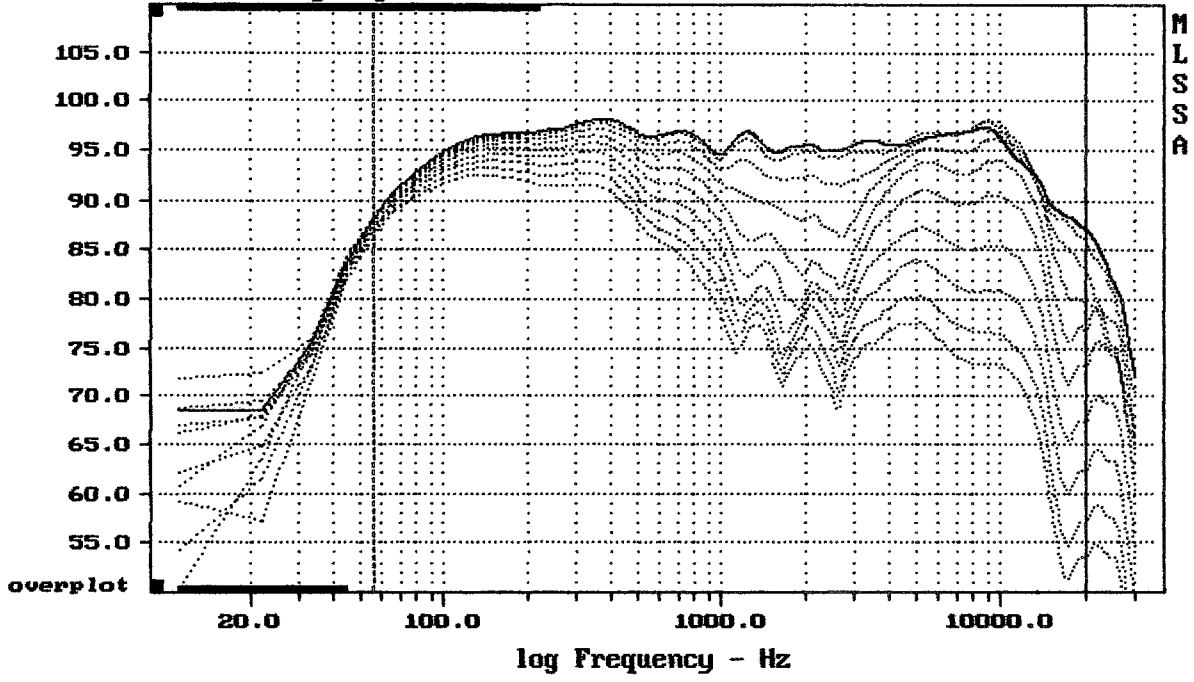


mean: 0.4662, rms: 0.5418, std: 0.2761, max: 4.202, min: -0.6037

THUMP15

MLSSA: Frequency Domain

Sensitivity Mag - dB SPL/watt (8 ohms, @1.70 meters) (0.33 oct)

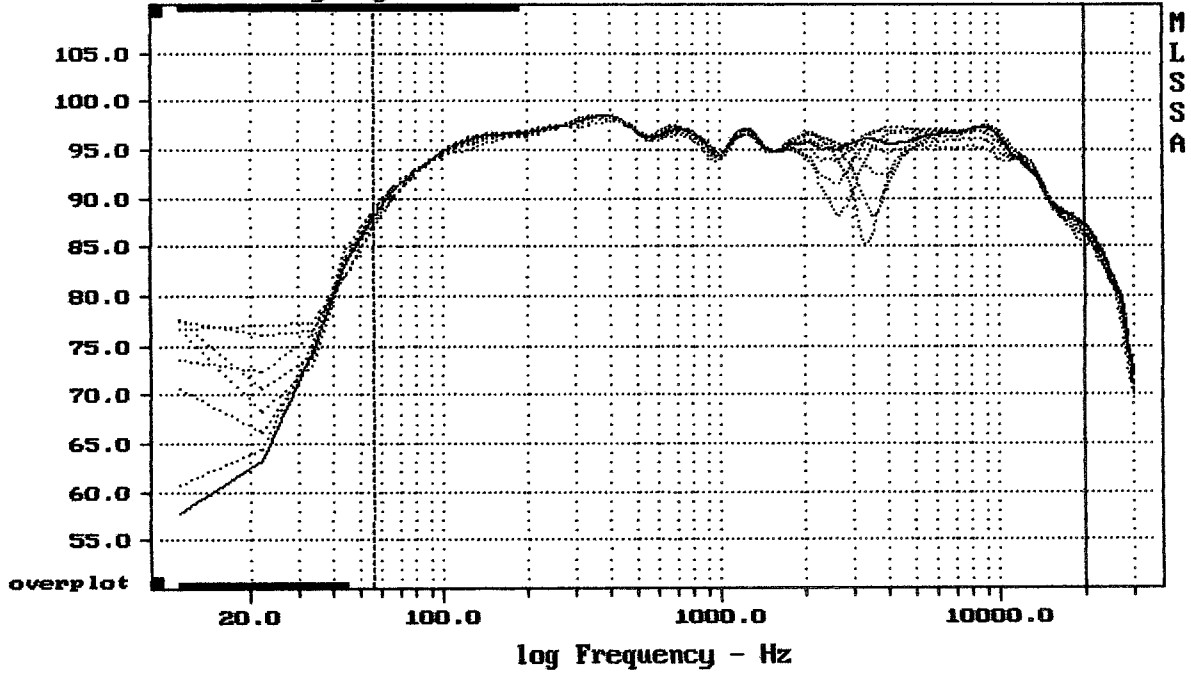


Overlay Compare: dev= +23/-12, std= 6.8, avg= -25

THUMP15

MLSSA: Frequency Domain

Sensitivity Mag - dB SPL/watt (8 ohms, @1.70 meters) (0.33 oct)

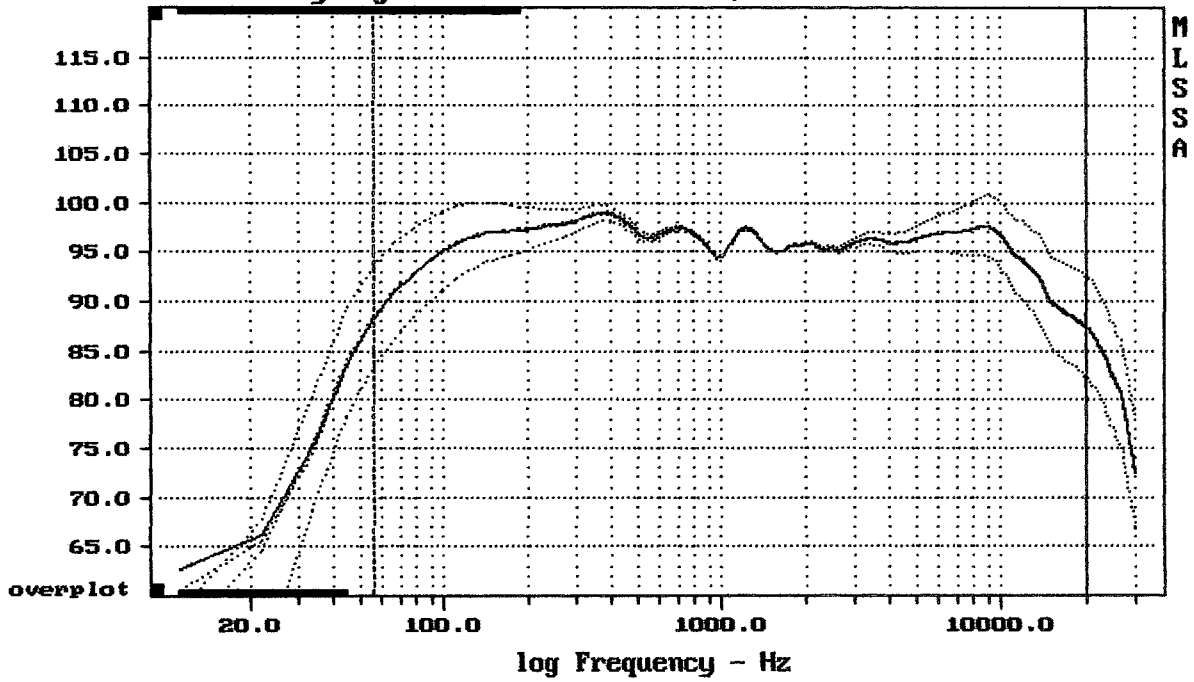


mean: 92.99, rms: 93.58, std: 2.62, max: 98.02, min: 85.21

THUMP15

MLSSA: Frequency Domain

Sensitivity Mag - dB SPL/watt (8 ohms, @1.70 meters) (0.33 oct)

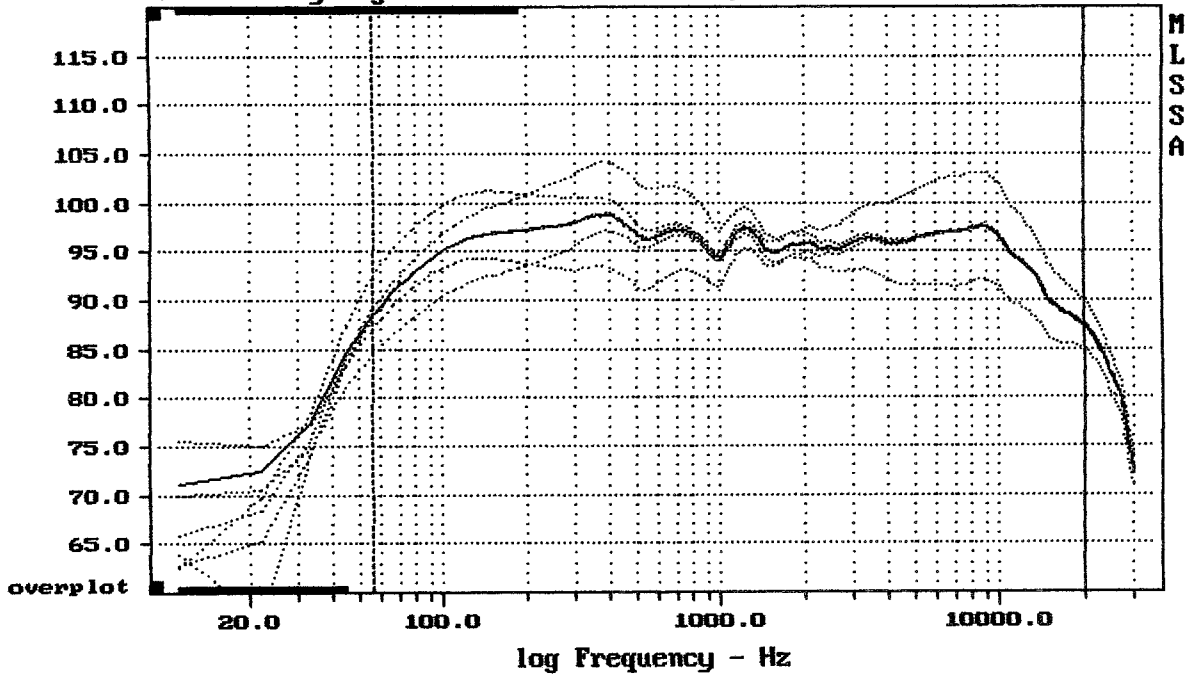


CURSOR: y = 82.4364 x = 20000.4333 (1883)

THUMP15

MLSSA: Frequency Domain

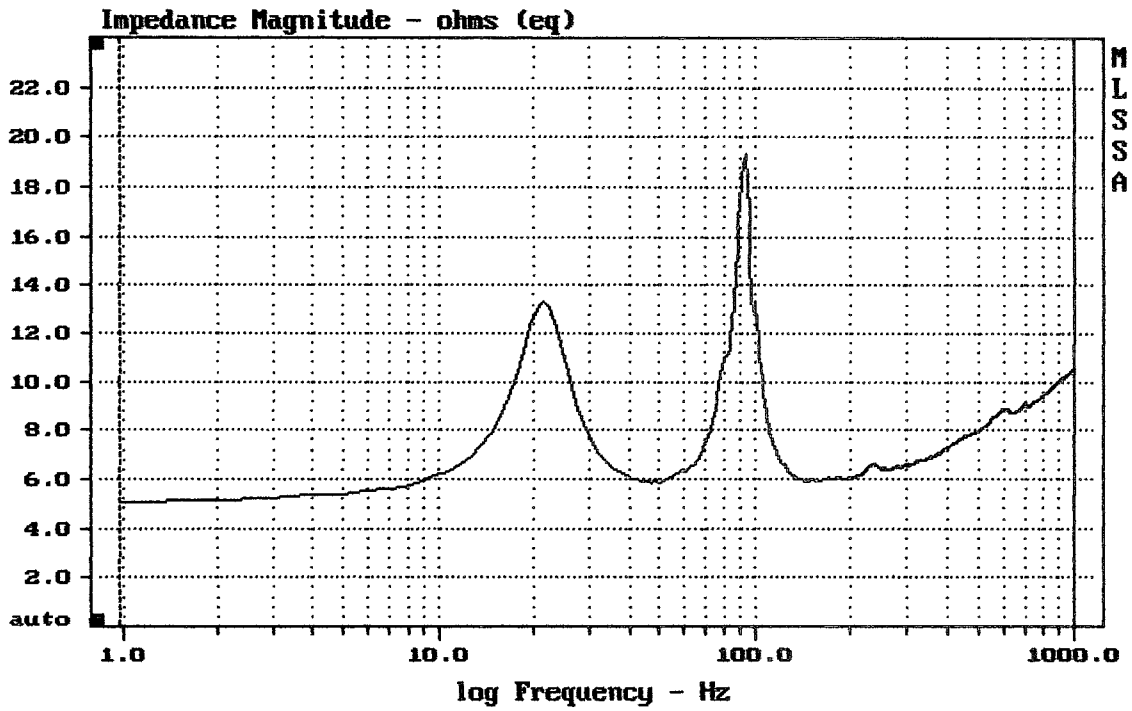
Sensitivity Mag - dB SPL/watt (8 ohms, @1.70 meters) (0.33 oct)



CURSOR: y = 89.9897 x = 20000.4333 (1883)

THUMP15

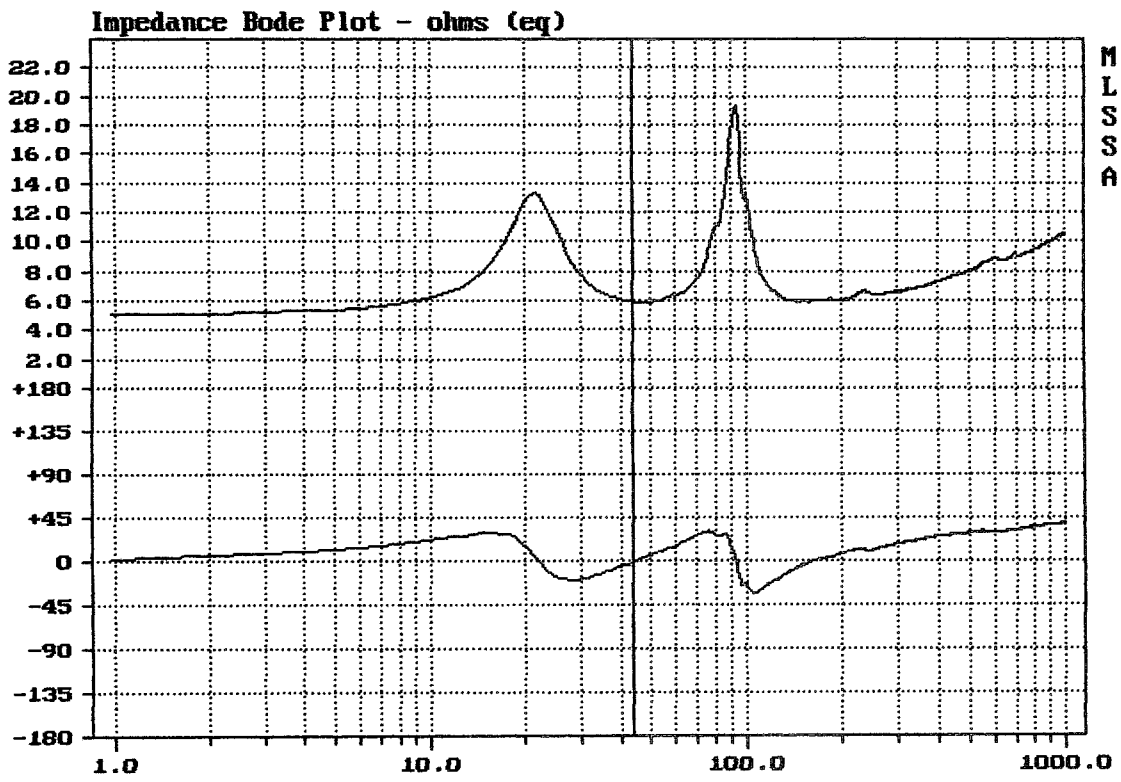
MLSSA: Frequency Domain



mean: 8.303, rms: 8.498, std: 1.807, max: 19.35, min: 5.059

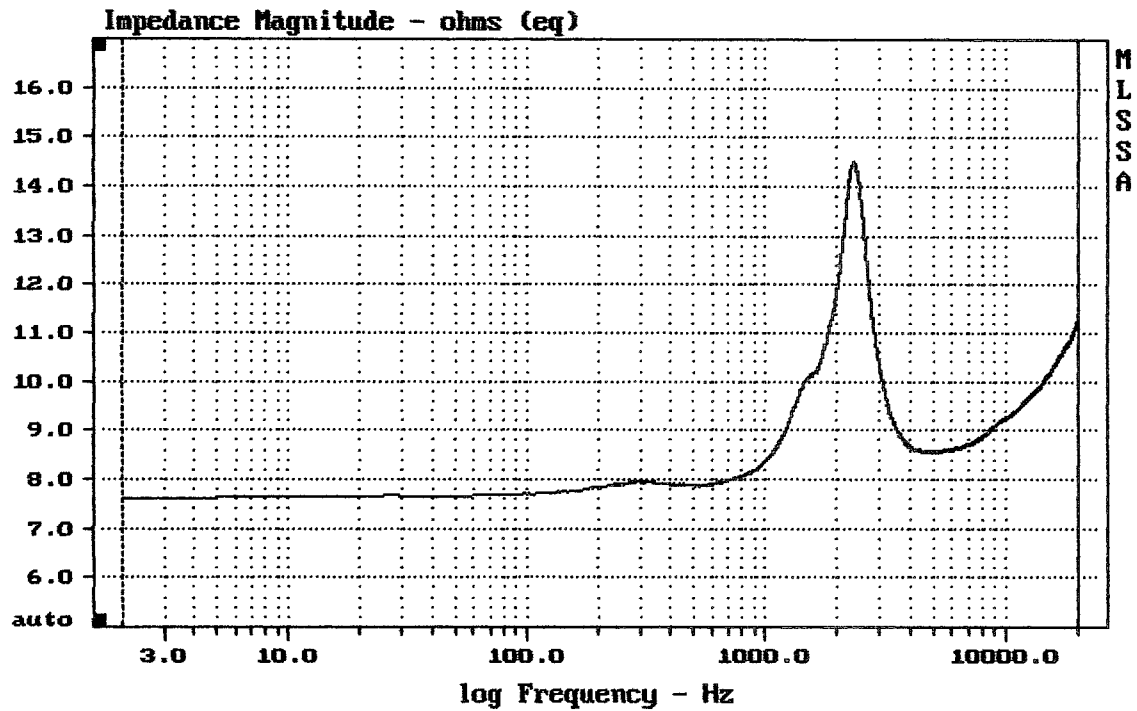
THUMP15

MLSSA: Frequency Domain



mag= 5.92, phase= -0.4 deg, 43.945 Hz (45)

DTTO



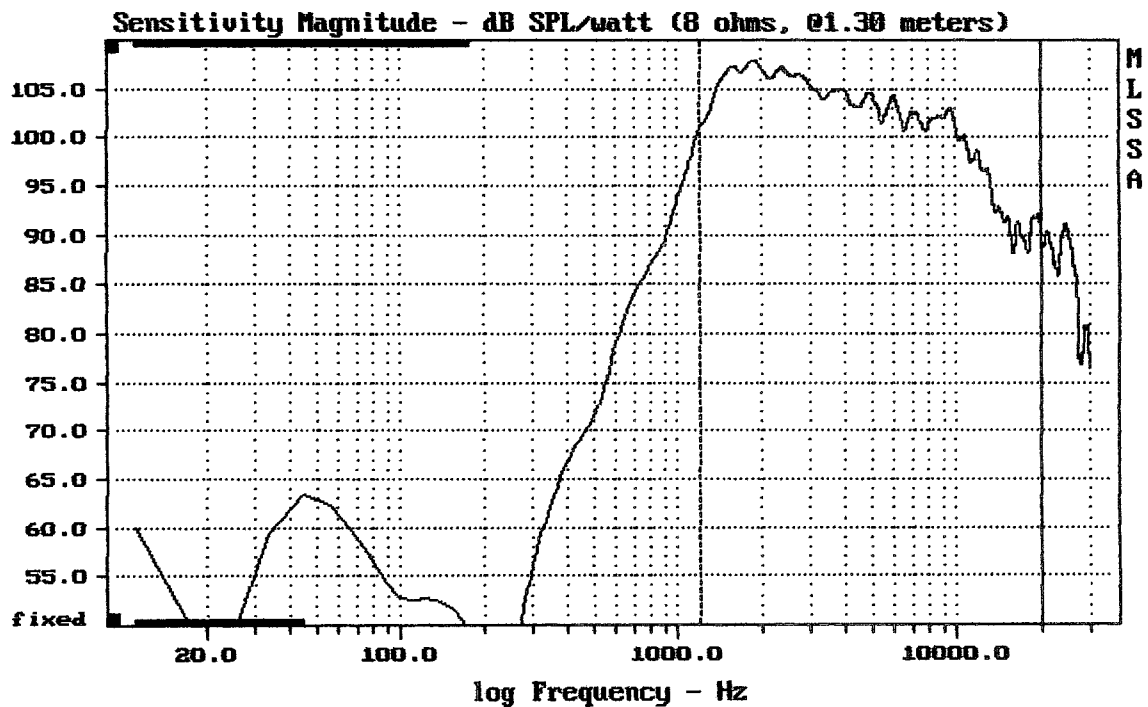

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mean: 9.713, rms: 9.78, std: 1.145, max: 14.51, min: 7.608

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THUMP15

MLSSA: Frequency Domain



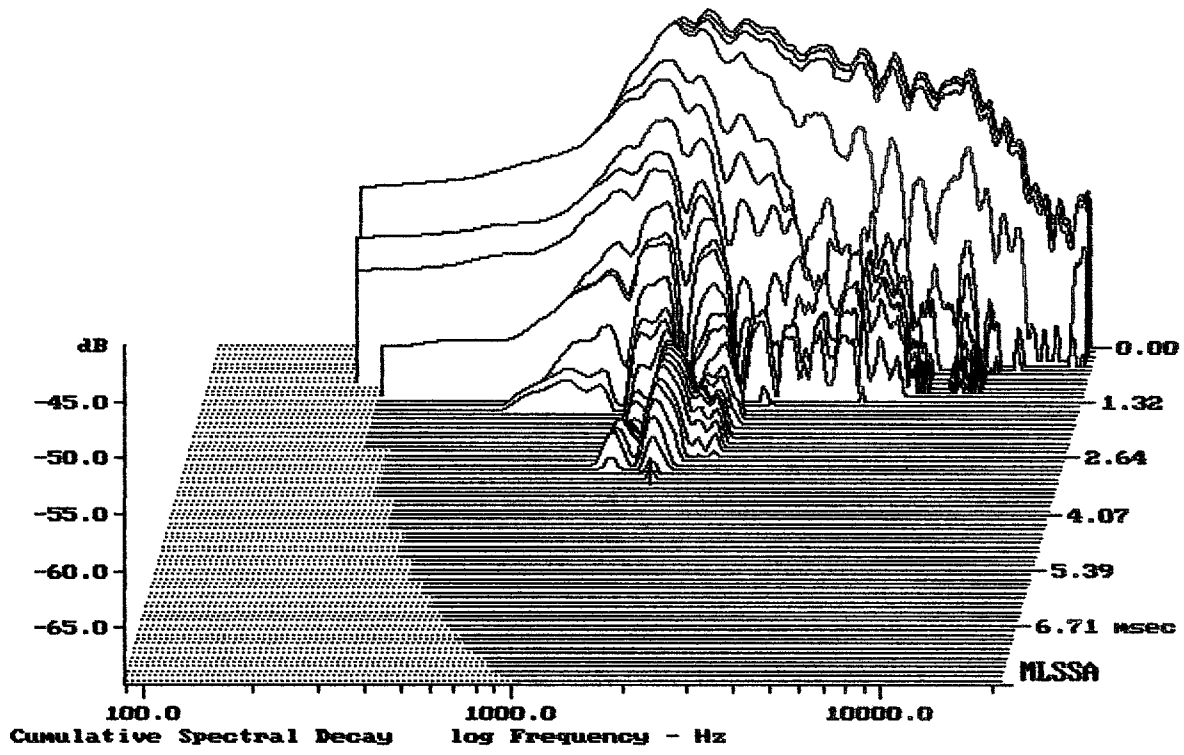

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Level (1199:19997 Hz) = 103.80 dB SPL/watt (8 ohms, @1.30 meters)

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THUMP15

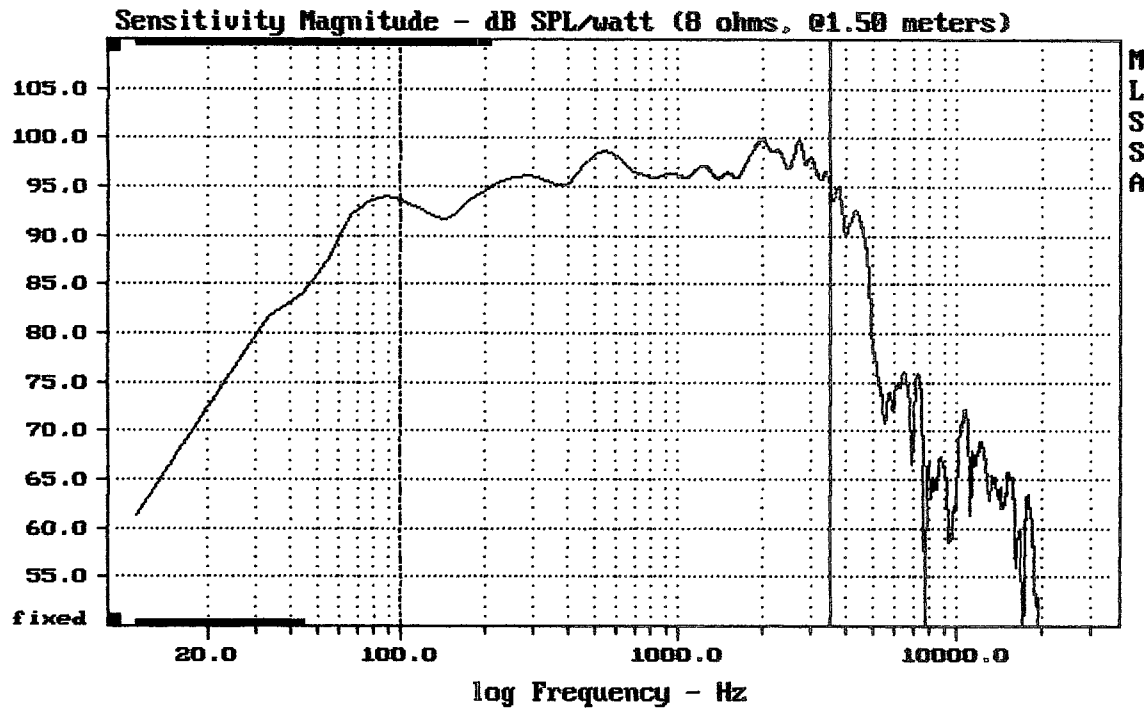
MLSSA: Frequency Domain



-69.42 dB, 1642 Hz (37), 3.190 msec (30)

DTIO

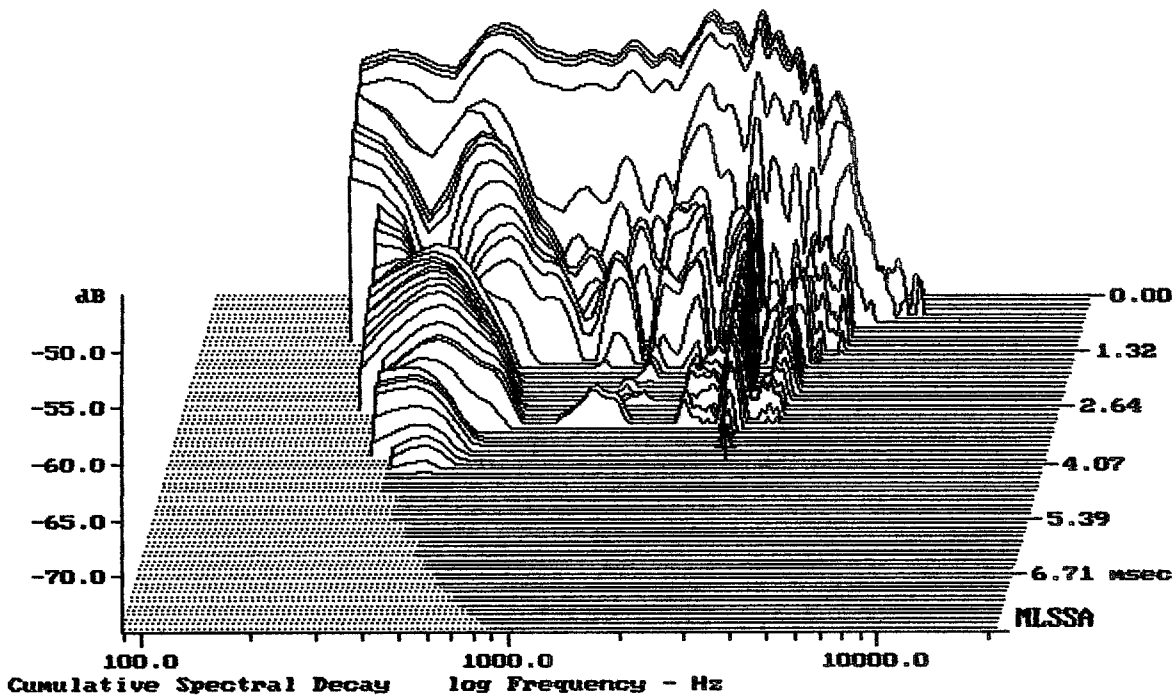




**Level (100:3507 Hz) = 96.41 dB SPL/watt (8 ohms, @1.50 meters)**

**THUMP15**

**MLSSA: Frequency Domain**



**-74.72 dB, 2797 Hz (63), 3.740 msec (35)**

**DTTO**

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.26	Ohms
2	Fs	43.21	Hz
3	Re	4.97	Ohms[dc]
4	Res	23.39	Ohms
5	Qms	3.50	
6	Qes	0.74	
7	Qts	0.61	
8	L1	0.77	mH
9	L2	1.19	mH
10	R2	4.24	Ohms
11	RMSE-load	0.27	Ohms
12	Vas(Sd)	219.07	liters
13	Mms	63.63	grams
14	Cms	213	$\mu\text{M}/\text{Newton}$
15	B1	10.75	Tesla-M
16	SPLref(Sd)	95.6	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (80.00 grams)

Area (Sd): 855.30 sq cm

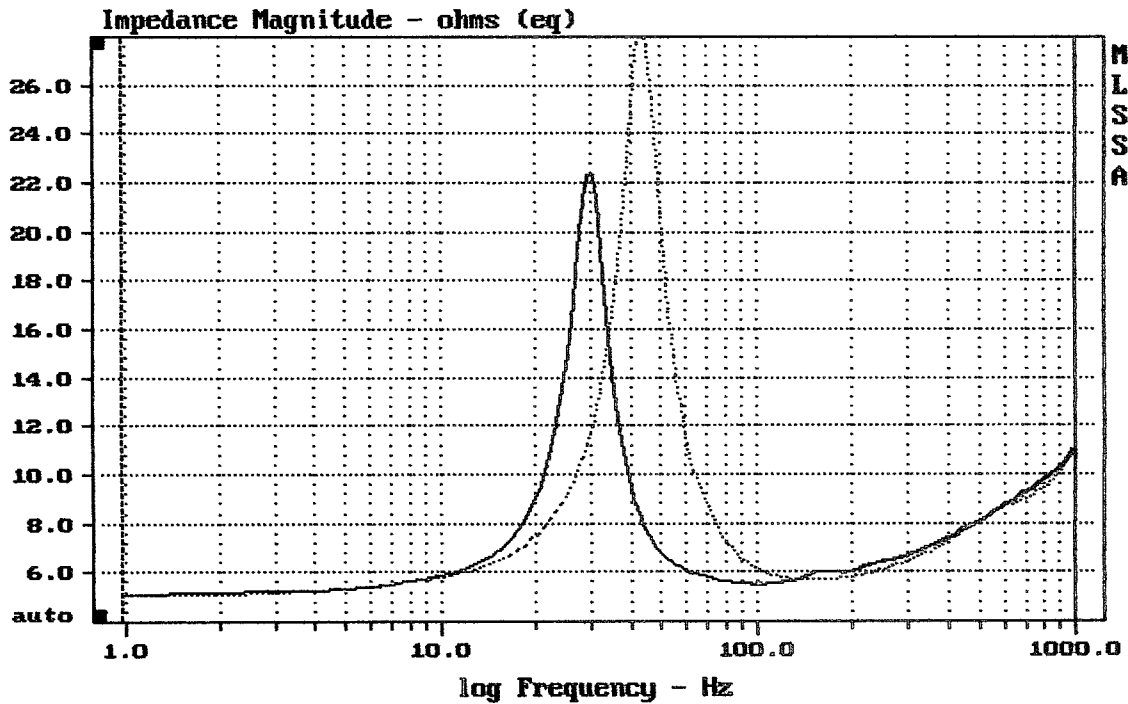
DCR mode: Measure (-0.11 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -31.9% (-20% to -50% is recommended).

THUMP15

MLSSA: Parameters



mean: 8.433, rms: 8.838, std: 2.647, max: 28.54, min: 5.104

MLSSA: Frequency Domain