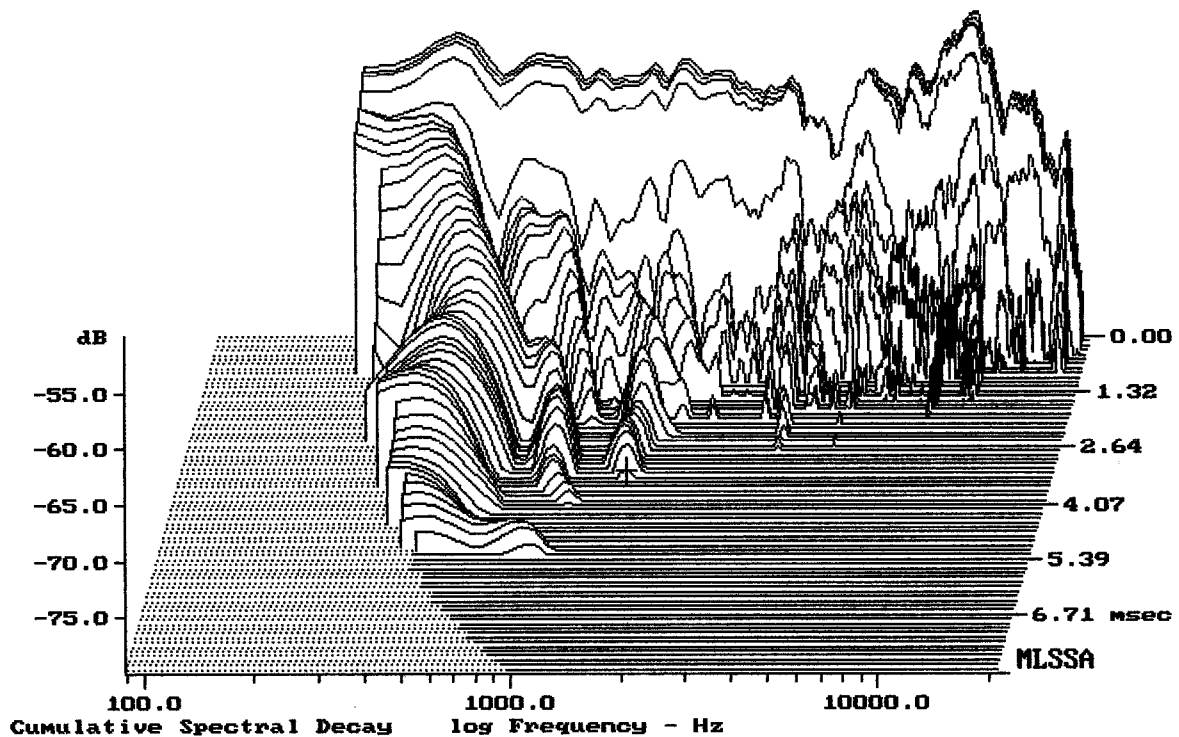


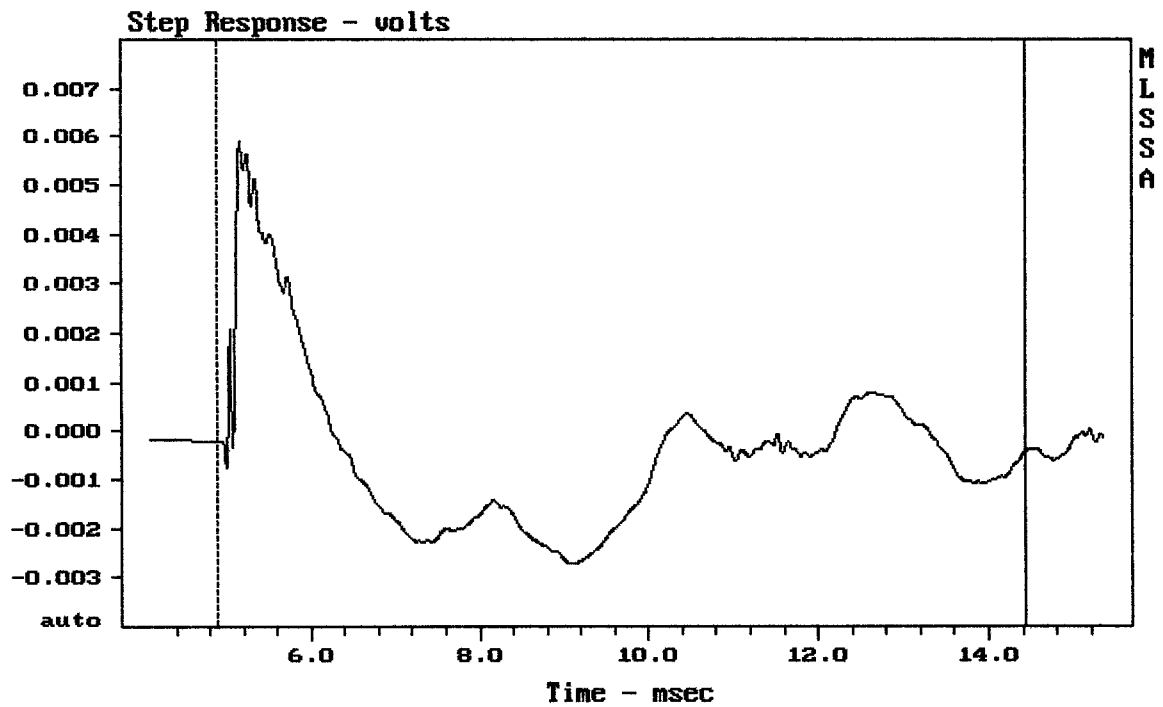
Level (78:18211 Hz) = 93.73 dB SPL/watt (8 ohms, @1.60 meters)

GRAND SOUND 12+1" BEST OFF PROFESSIONAL ASSEMBLED IN EUROPE

MLSSA: Frequency Domain



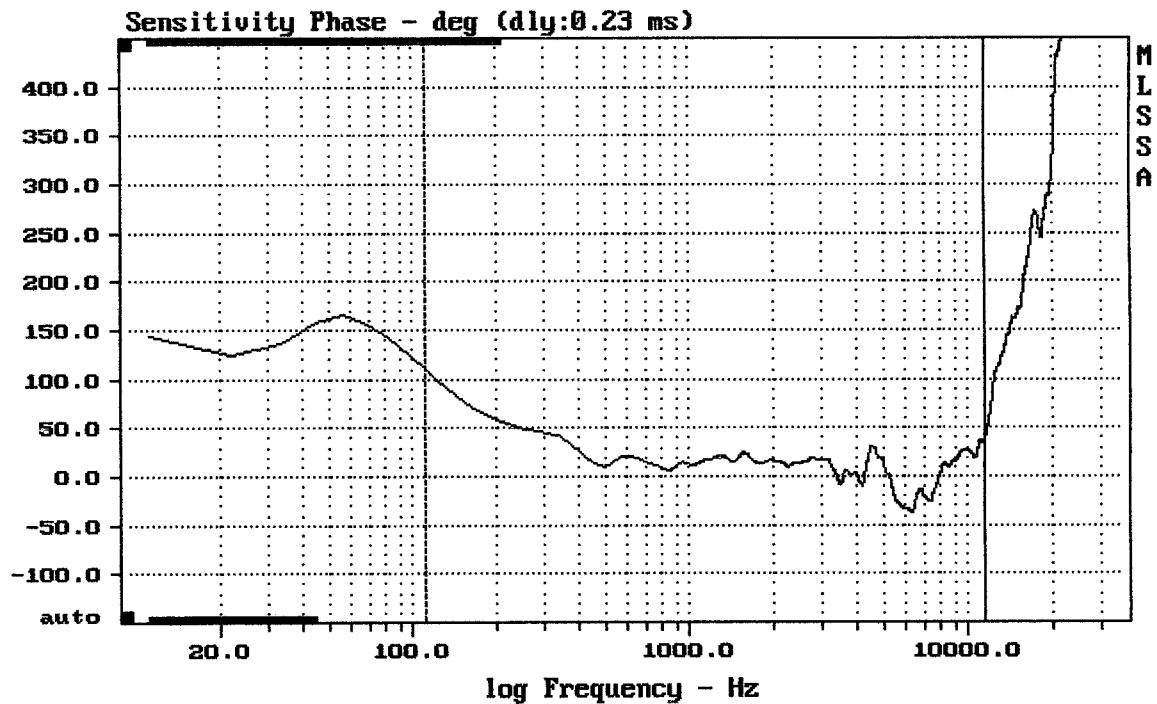
-79.33 dB, 1465 Hz (33), 3.410 msec (32)



mean: -0.0004734, rms: 0.001737, std: 0.001671, max: 0.005911, min: -0.002727

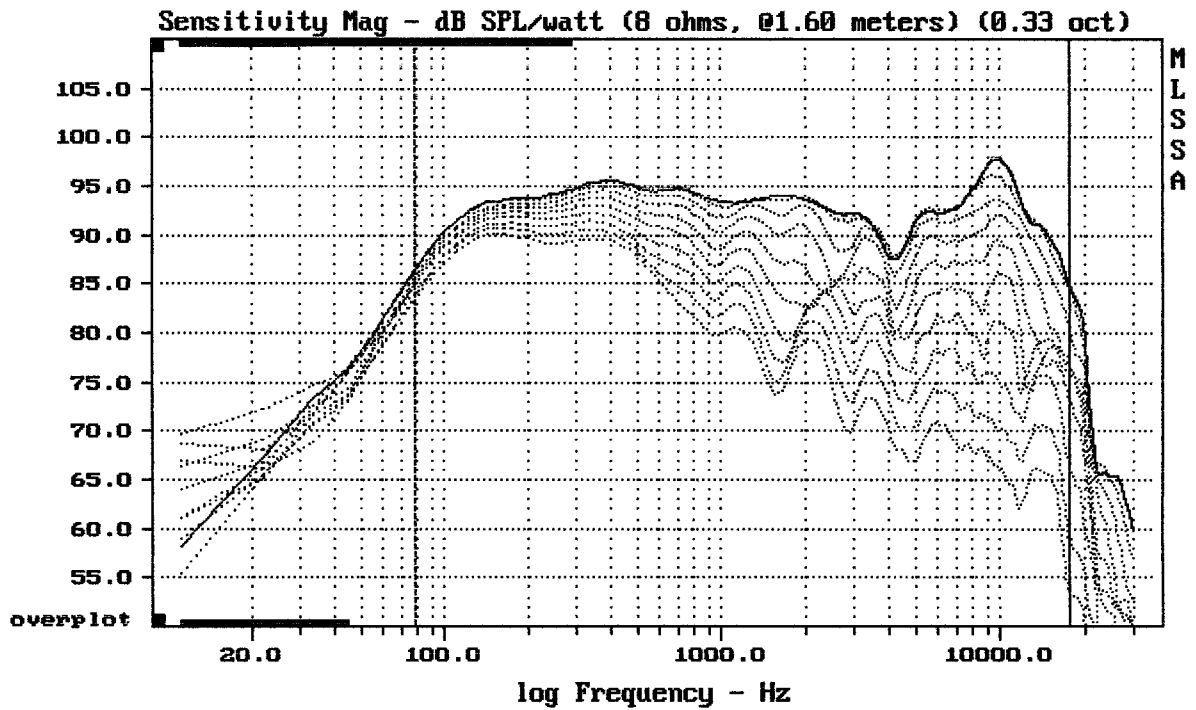
GRAND SOUND 12+1" BEST OFF PROFESSIONAL ASSEMBLED IN EUROPE

MLSSA: Time Domain



mean: 8.623, rms: 22.5, std: 20.78, max: 110.3, min: -36.74

GRAND SOUND 12+1" BEST OFF PROFESSIONAL ASSEMBLED IN EUROPE



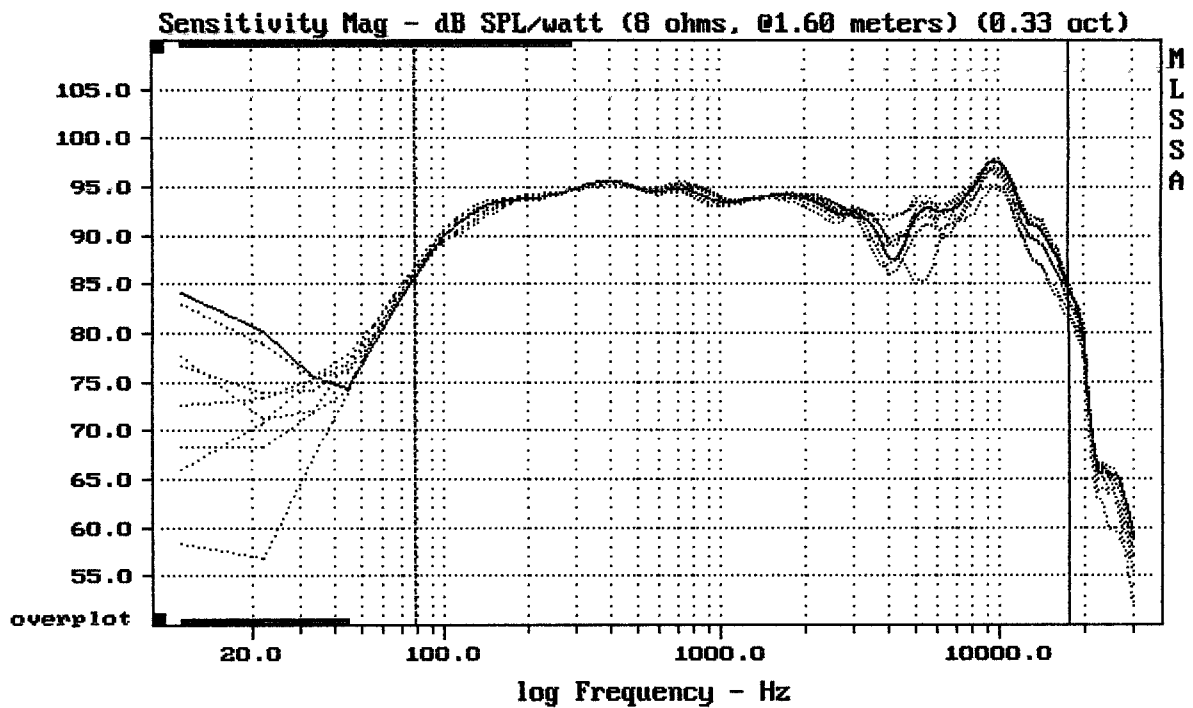

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Overlay Compare: dev= +21/-8.2, std= 6.1, avg= -24

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GRAND SOUND 12+1" BEST OFF PROFESSIONAL ASSEMBLED IN EUROPE

MLSSA: Frequency Domain

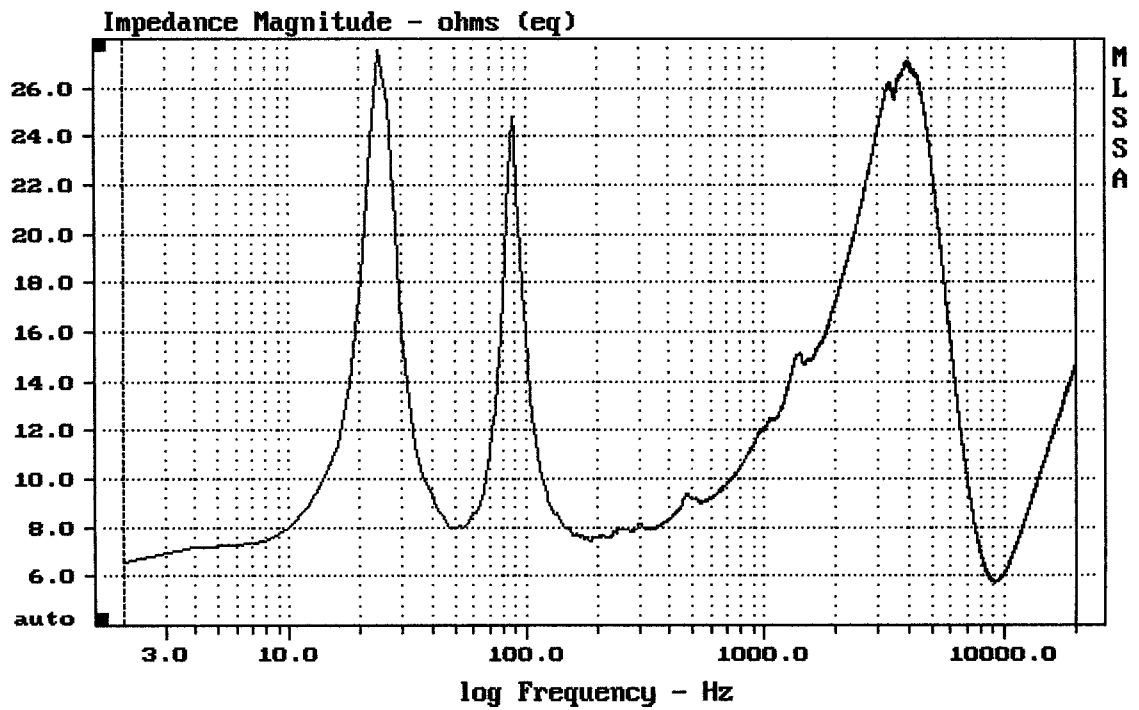



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mean: 91.53, rms: 92.10, std: 2.75, max: 95.51, min: 81.67

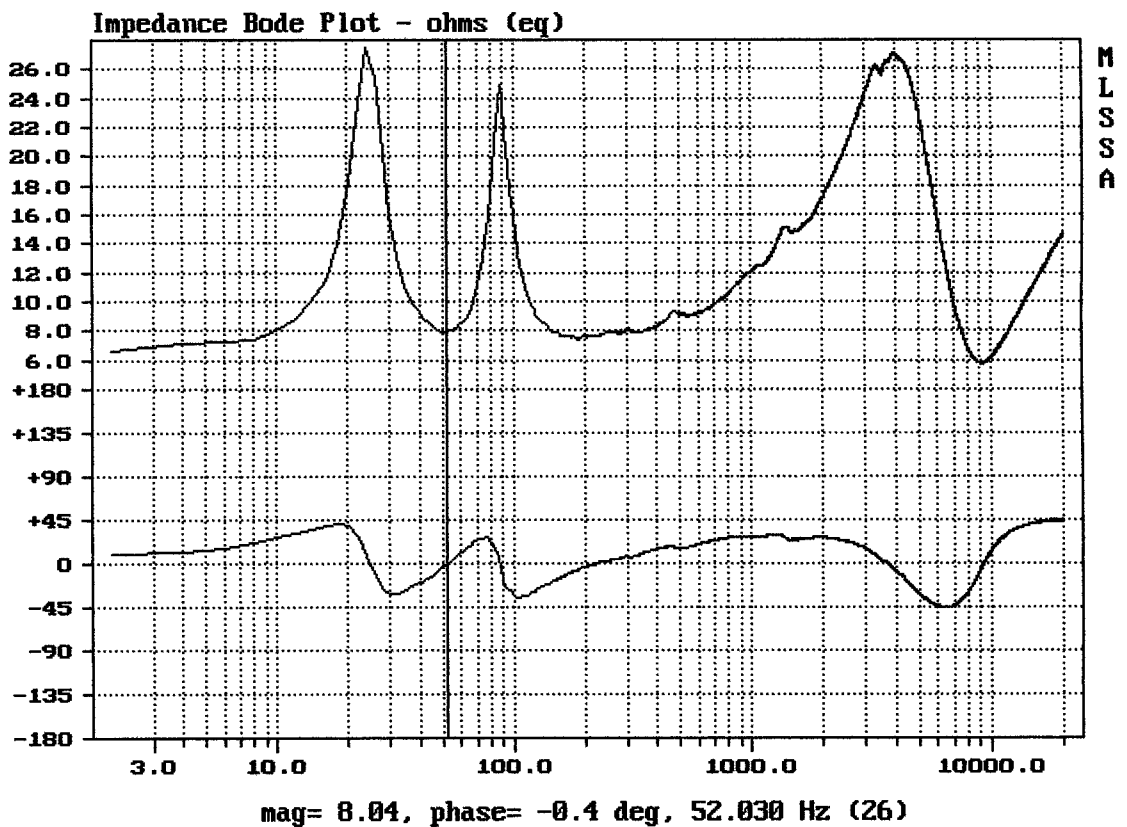
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GRAND SOUND 12+1" BEST OFF PROFESSIONAL ASSEMBLED IN EUROPE



GRAND SOUND 12+1"

MLSSA: Frequency Domain



Measured Data

Line	Parameter	Value	Units
1	RMSE-free	0.47	Ohms
2	Fs	41.33	Hz
3	Re	5.92	Ohms[dc]
4	Res	43.50	Ohms
5	Qms	3.74	
6	Qes	0.51	
7	Qts	0.45	
8	L1	0.52	mH
9	L2	0.99	mH
10	R2	6.53	Ohms
11	RMSE-load	0.41	Ohms
12	Vas(Sd)	114.26	liters
13	Mms	55.45	grams
14	Cms	267	$\mu\text{M}/\text{Newton}$
15	Bl	12.94	Tesla-M
16	SPLref(Sd)	93.8	dB[Re]
17	Rub-index	0.09	

Method: Mass-loaded (40.00 grams)

Area (Sd): 551.55 sq cm

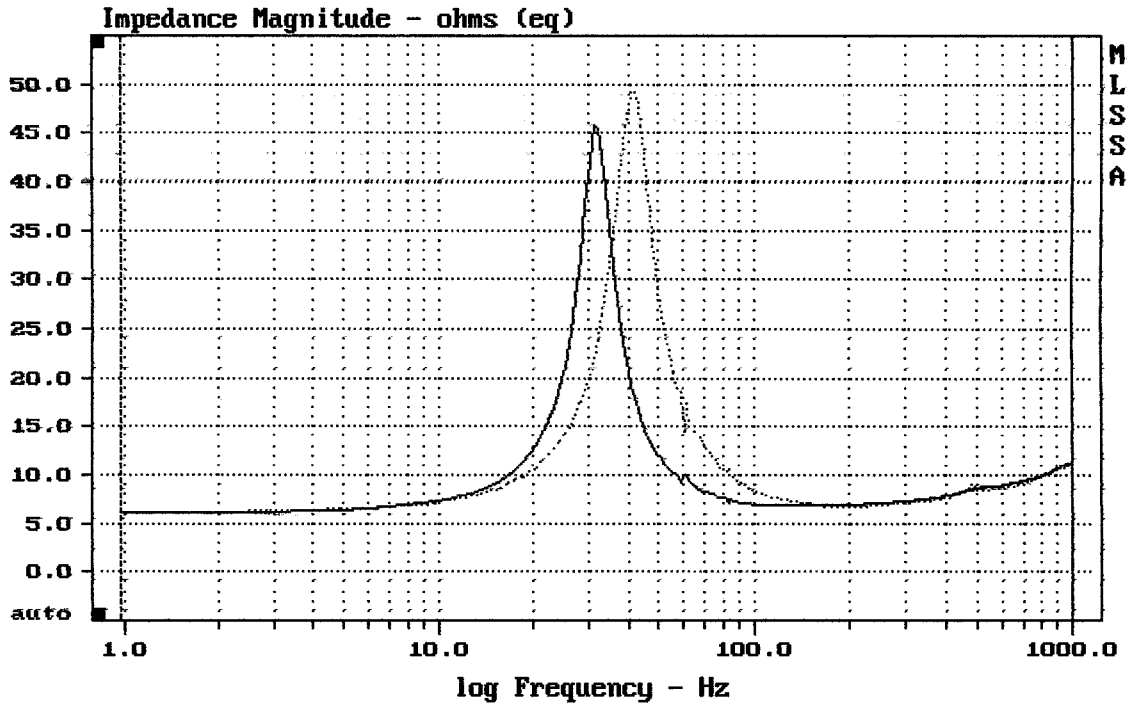
DCR mode: Measure (-0.13 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -23.3% (-20% to -50% is recommended).

12" GRAND SOUND FROM "BEST OFF PROFESSIONAL"

MLSSA: Parameters



mean: 9.475, rms: 10.54, std: 4.612, max: 49.18, min: 6.131

MLSSA: Frequency Domain