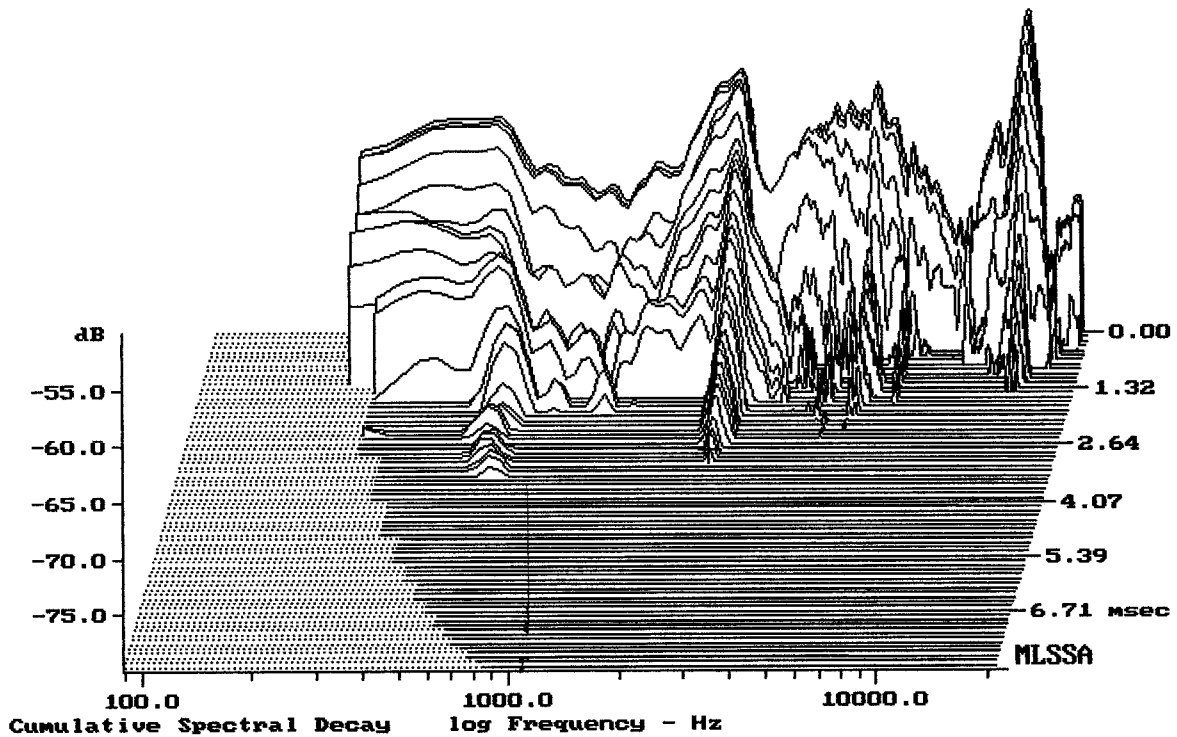


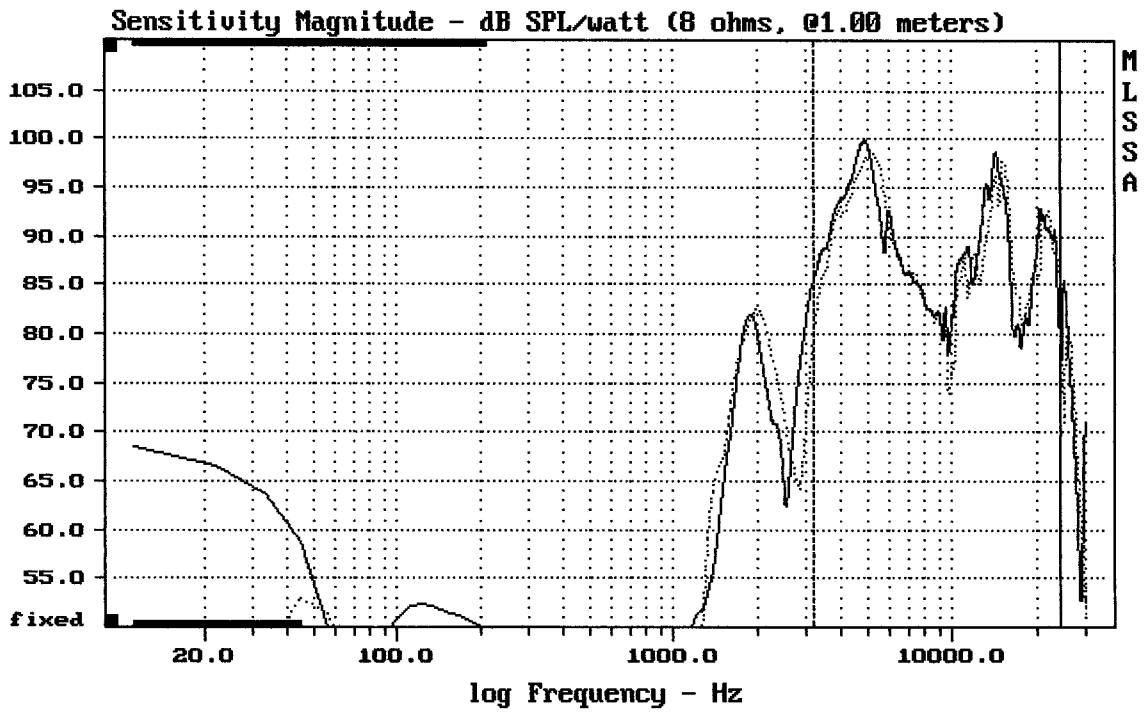
Level (55:26500 Hz) = 87.41 dB SPL/watt (8 ohms, @1.55 meters)

OMNITRONIC DS-123 BY SATAN

MLSSA: Frequency Domain



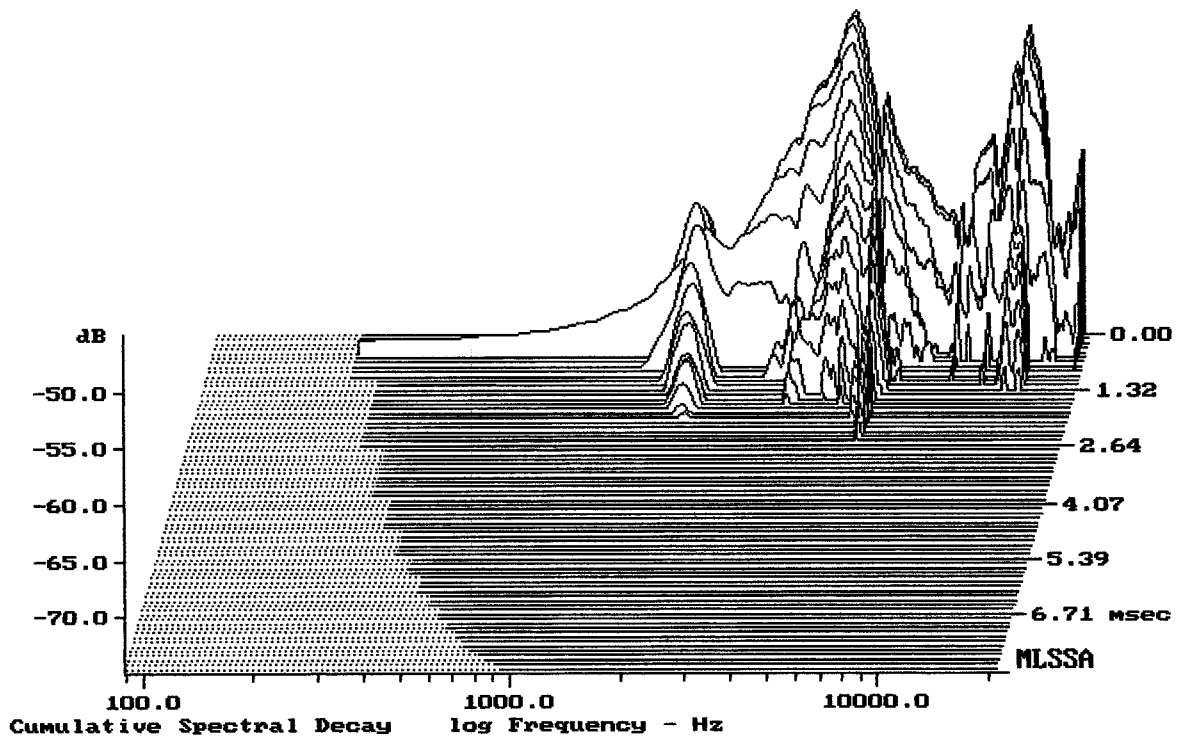
-78.97 dB, 2441 Hz (55), 3.000 msec (29)



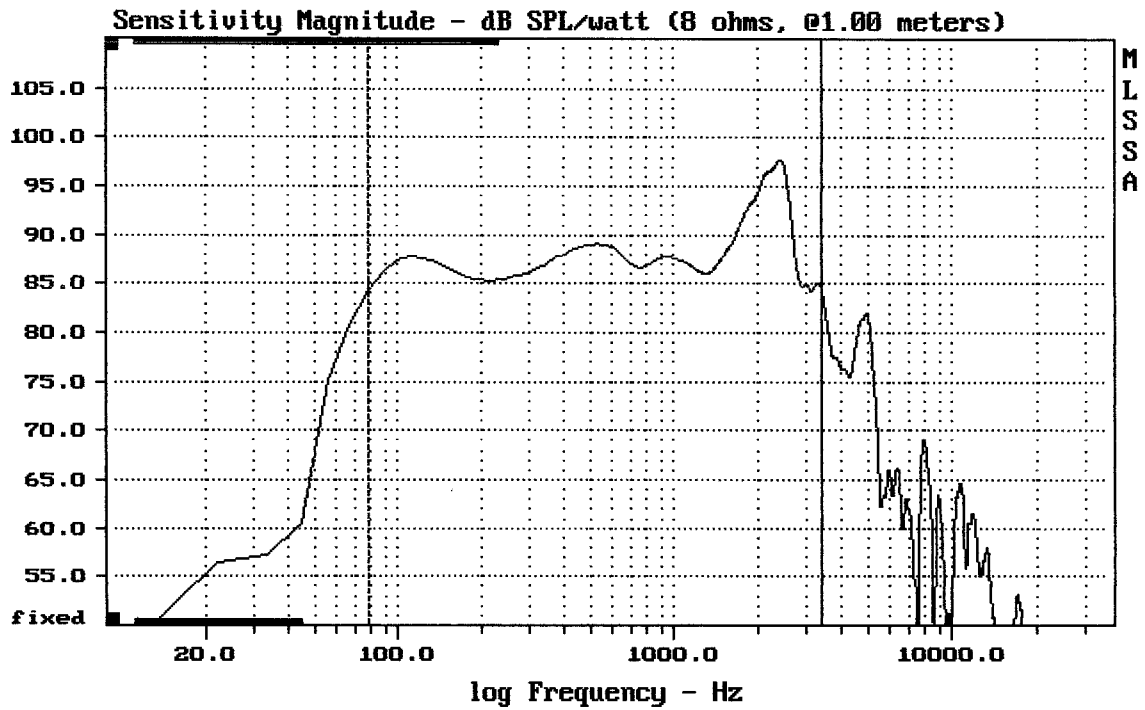
Overlay Compare: dev= +6.4/-6.3, std= 2.8, avg= 0.18

PIEZO FROM OMNITRONIC DS-123 BY SATAN 2x

MLSSA: Frequency Domain



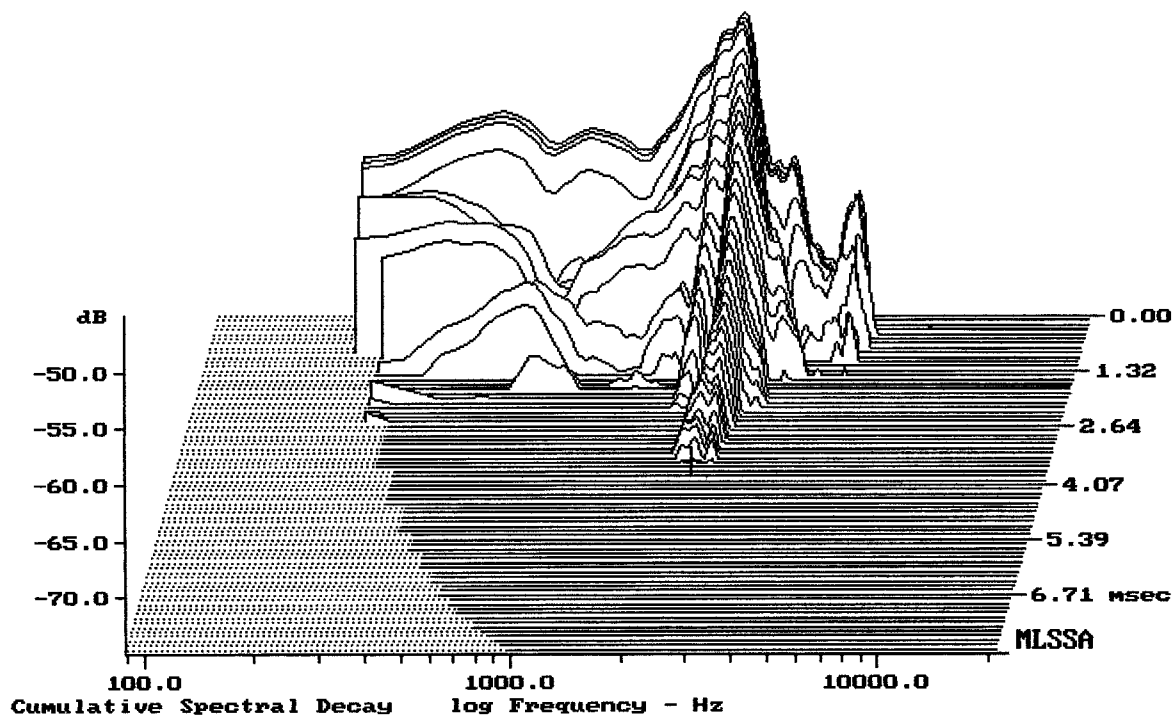
-73.88 dB, 5815 Hz (131), 2.420 msec (23)



Level (78:3407 Hz) = 89.28 dB SPL/watt (8 ohms, @1.00 meters)

12" FROM OMNITRONIC DS-123 BY SATAN

MLSSA: Frequency Domain



-74.87 dB, 2219 Hz (50), 3.520 msec (33)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.21	Ohms
2	Fs	38.06	Hz
3	Re	7.41	Ohms[dc]
4	Res	15.93	Ohms
5	Qms	4.22	
6	Qes	1.96	
7	Qts	1.34	
8	L1	0.79	mH
9	L2	0.87	mH
10	R2	4.39	Ohms
11	RMSE-load	0.19	Ohms
12	Vas(Sd)	118.70	liters
13	Mms	58.32	grams
14	Cms	300	$\mu\text{M}/\text{Newton}$
15	B1	7.26	Tesla-M
16	SPLref(Sd)	87.1	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (80.00 grams)

Area (Sd): 530.93 sq cm

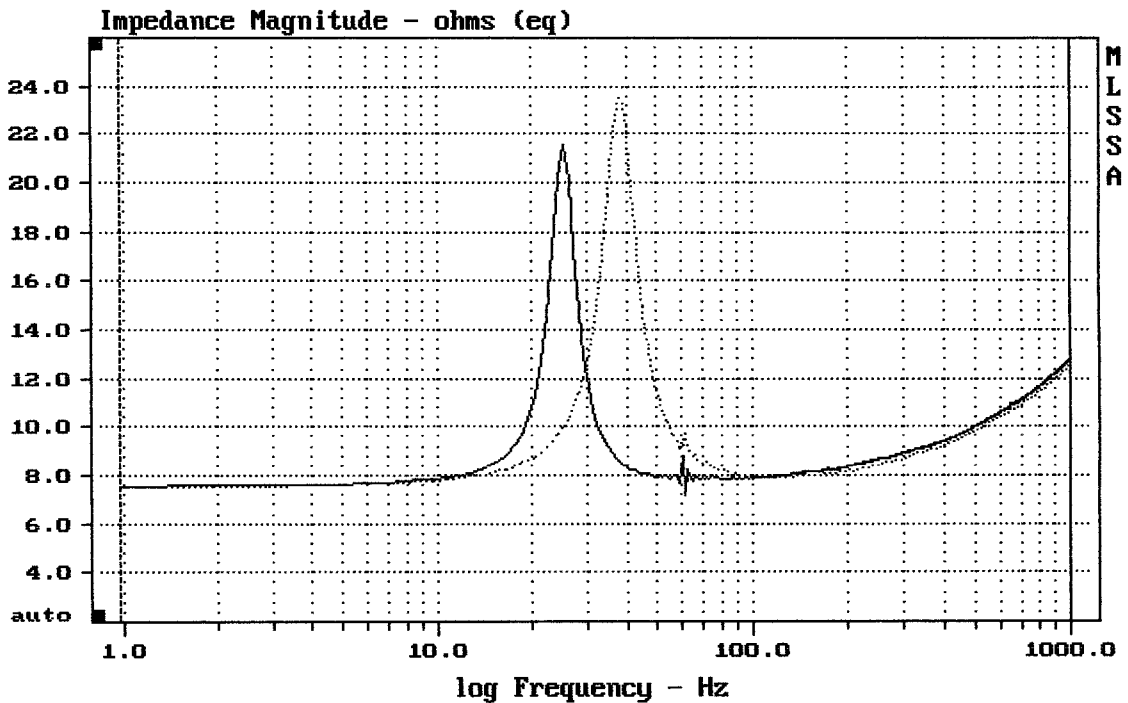
DCR mode: Measure (-0.16 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -33.7% (-20% to -50% is recommended).

12" FROM OMNITRONIC DS-123 BY SATAN

MLSSA: Parameters



mean: 10.13, rms: 10.3, std: 1.837, max: 23.51, min: 7.539

MLSSA: Frequency Domain