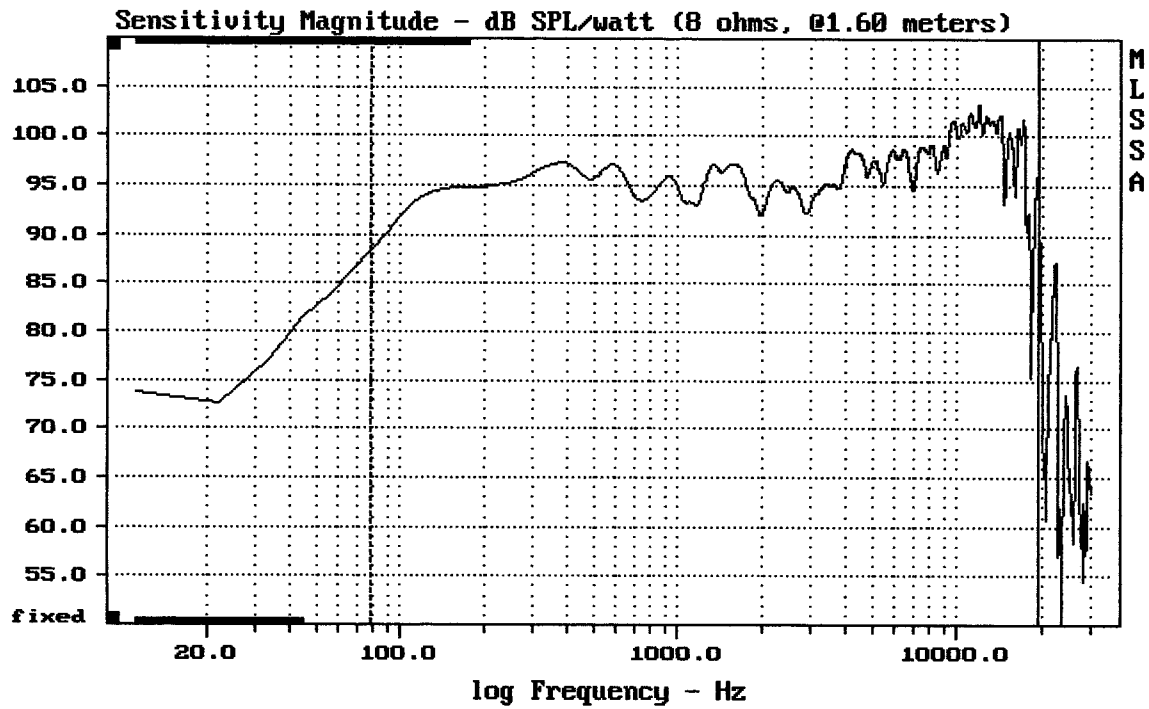


E-shop:

Mackie S512

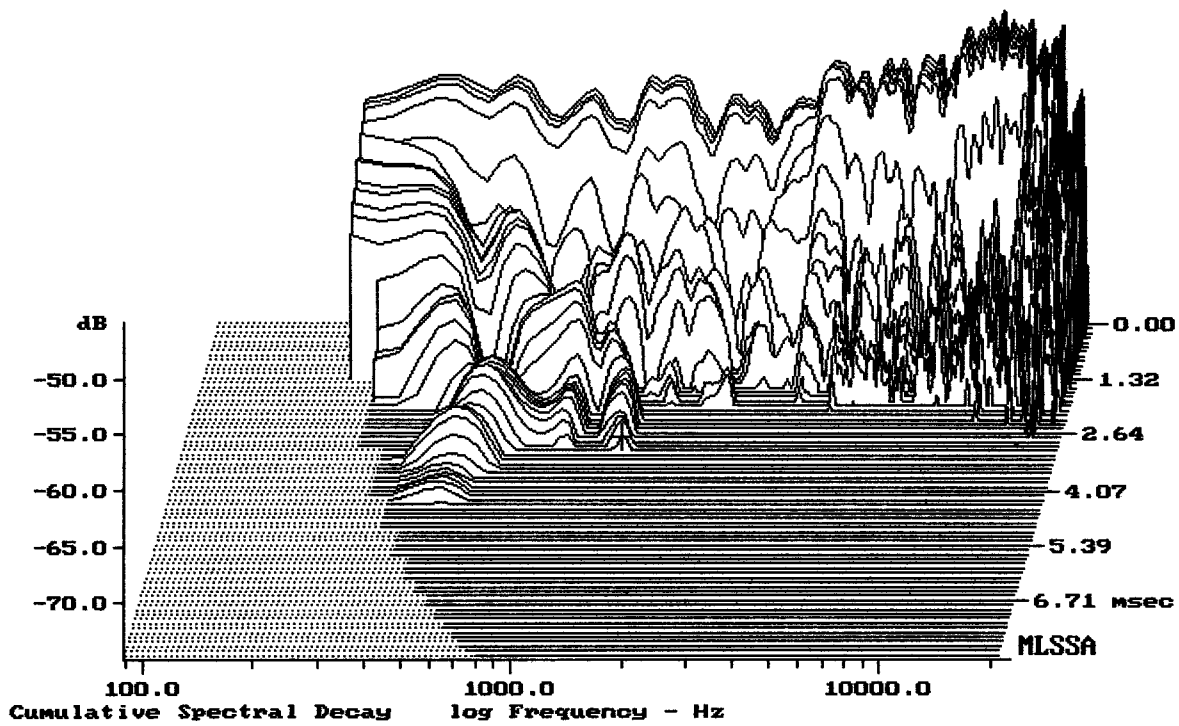
<http://eshop.prodance.cz/s512/d-97893/>



Level (78:19609 Hz) = 96.60 dB SPL/watt (8 ohms, @1.60 meters)

MACKIE S512

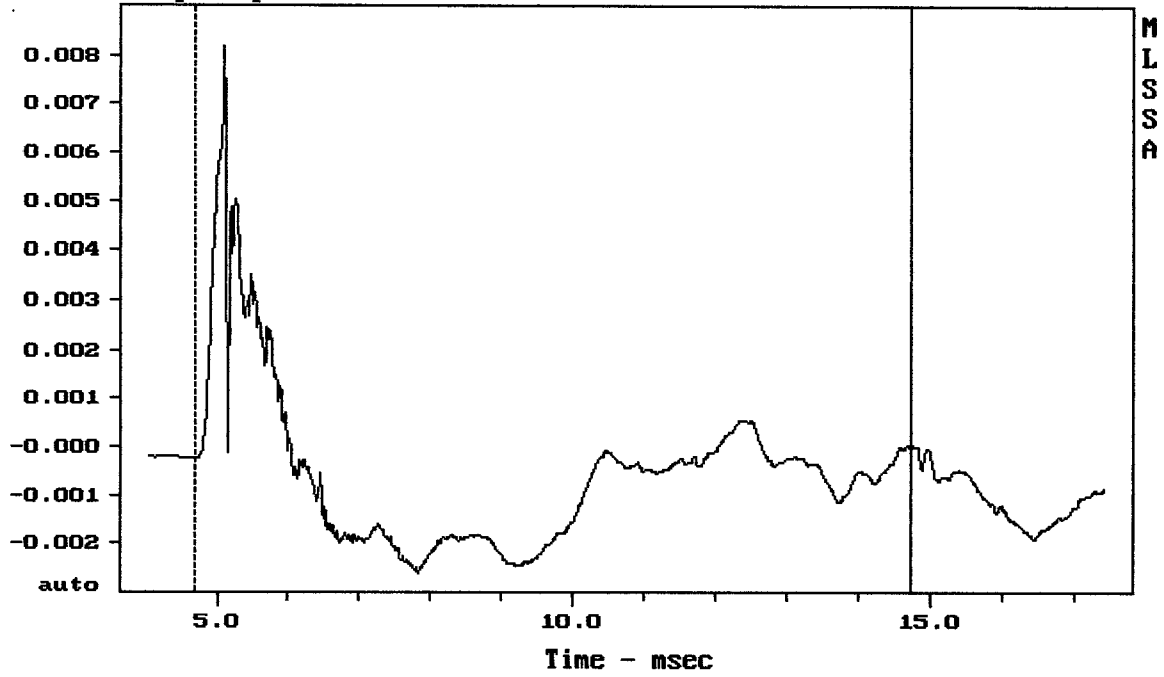
MLSSA: Frequency Domain



-73.71 dB, 1376 Hz (31), 3.080 msec (29)

DTTO

Step Response - volts

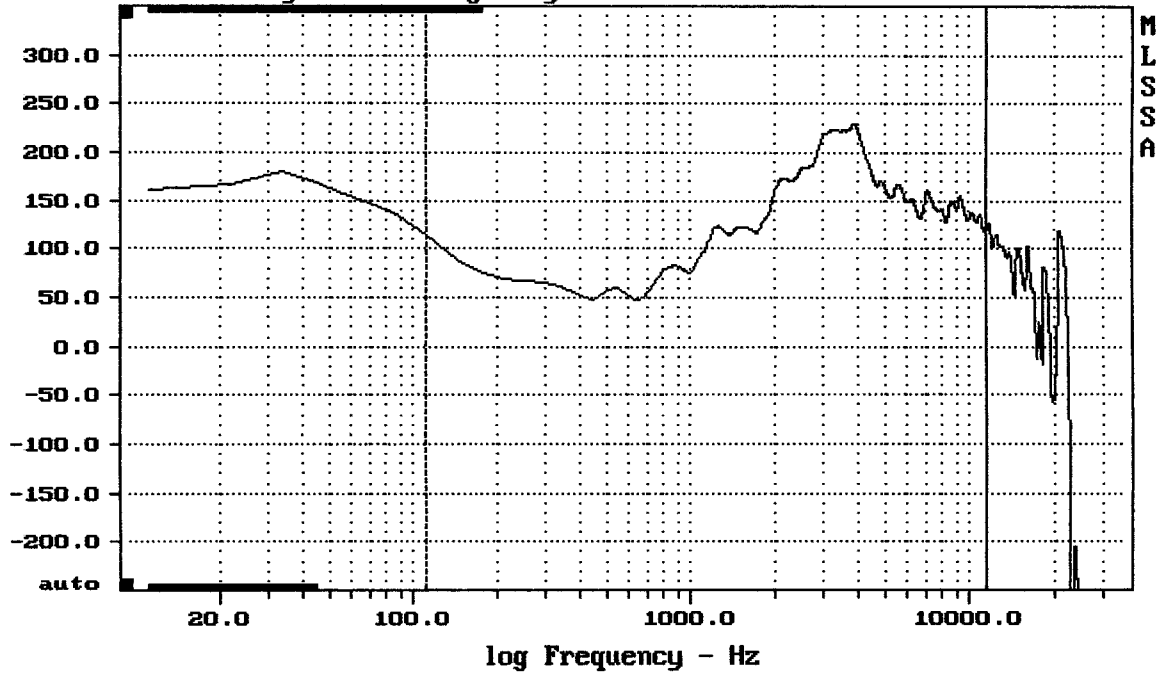


mean: -0.0005518, rms: 0.001724, std: 0.001633, max: 0.008181, min: -0.002594

MACKIE S512

MLSSA: Time Domain

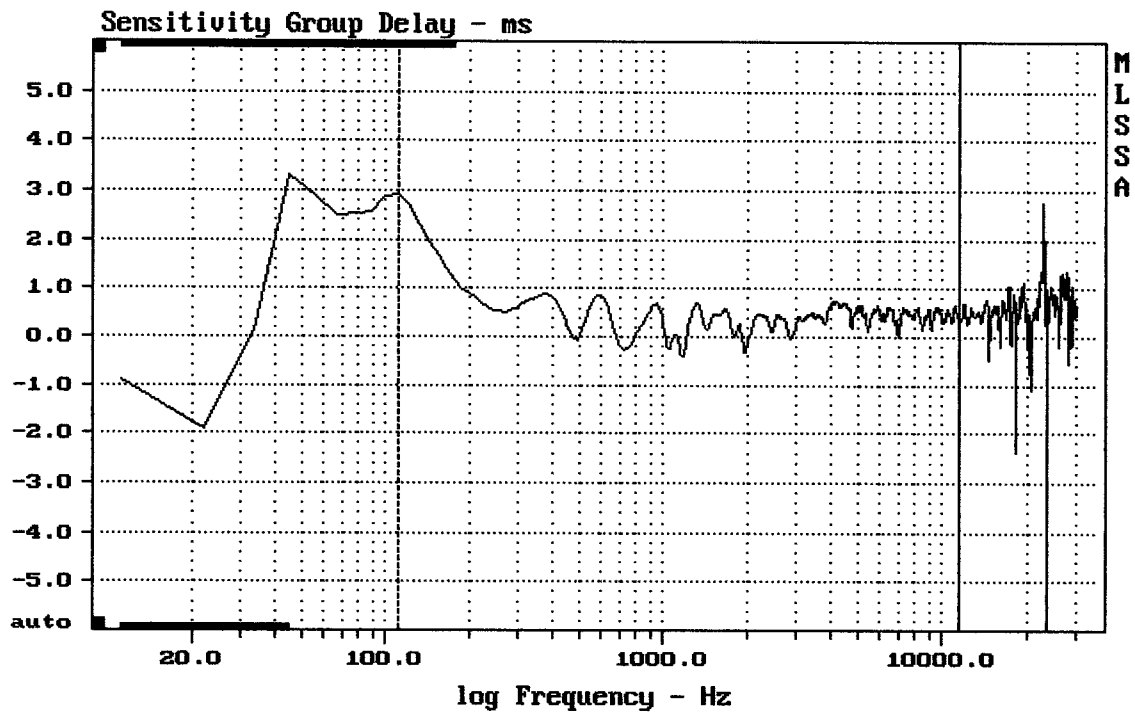
Sensitivity Phase - deg (dly:0.44 ms)



mean: 148.9, rms: 153.9, std: 38.63, max: 229.7, min: 47.93

MACKIE S512

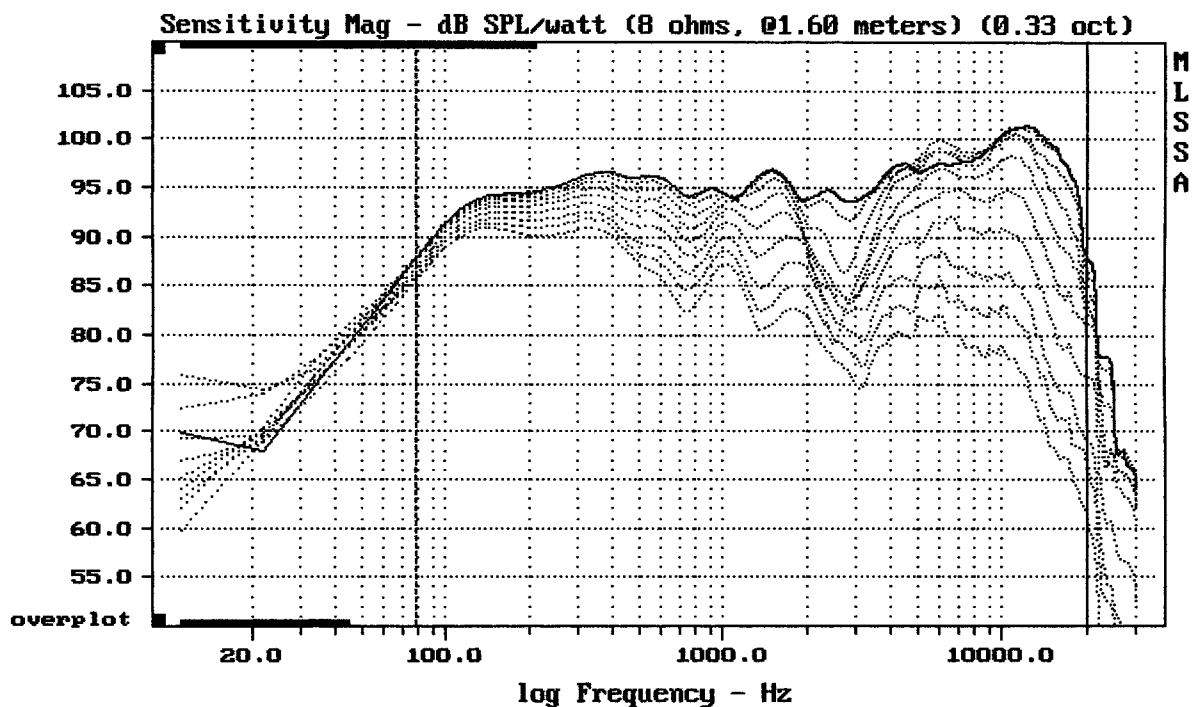
MLSSA: Frequency Domain



mean: 0.4399, rms: 0.5035, std: 0.2451, max: 2.94, min: -0.3797

MACKIE S512

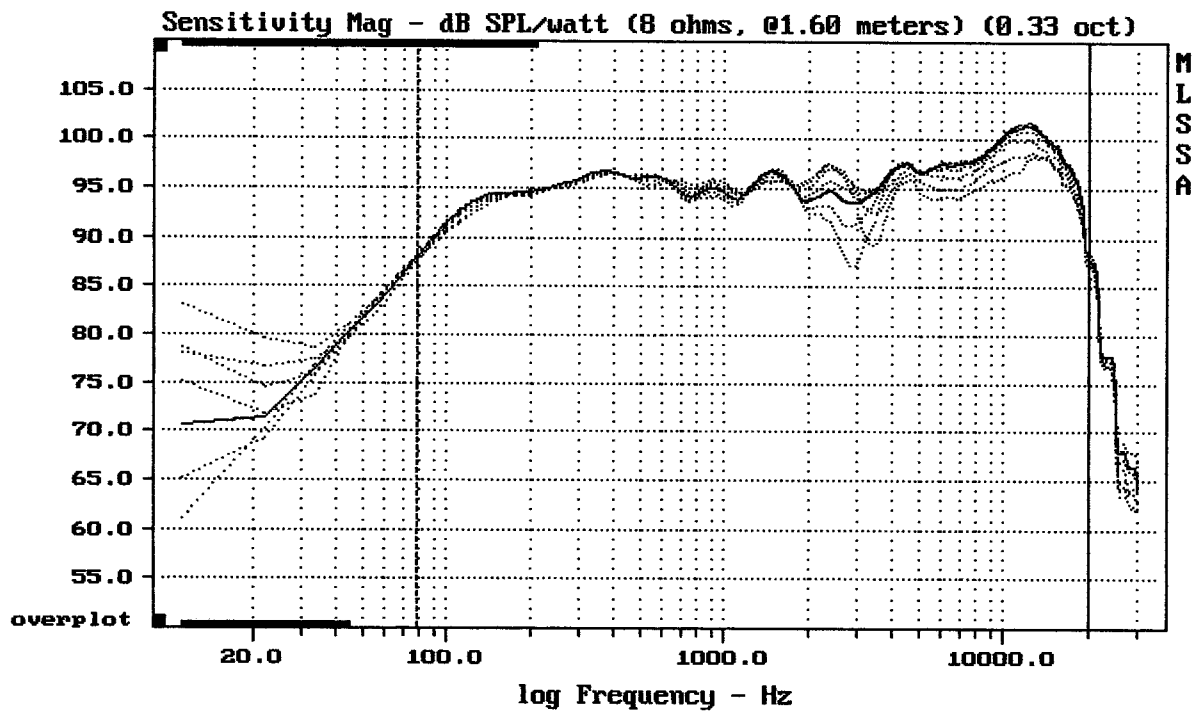
MLSSA: Frequency Domain



Overlay Compare: dev= +21/-9.3, std= 6.9, avg= -22

MACKIE S512

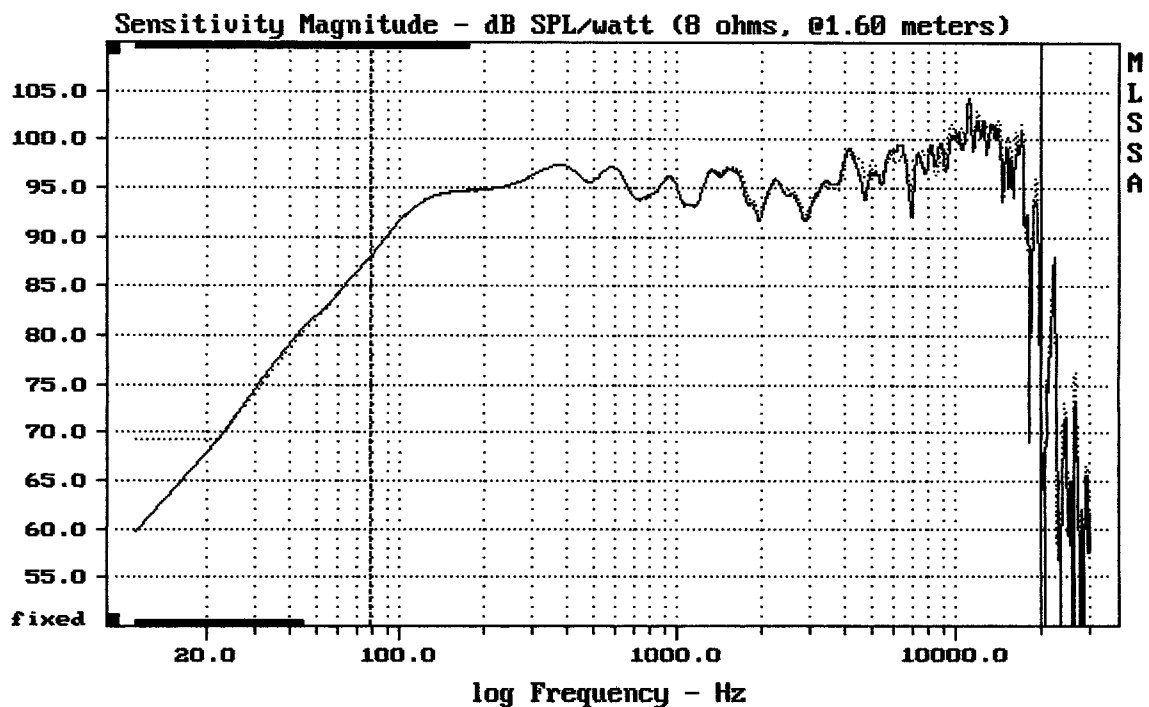
MLSSA: Frequency Domain



mean: 95.50, rms: 95.73, std: 1.81, max: 98.41, min: 87.95

MACKIE S512

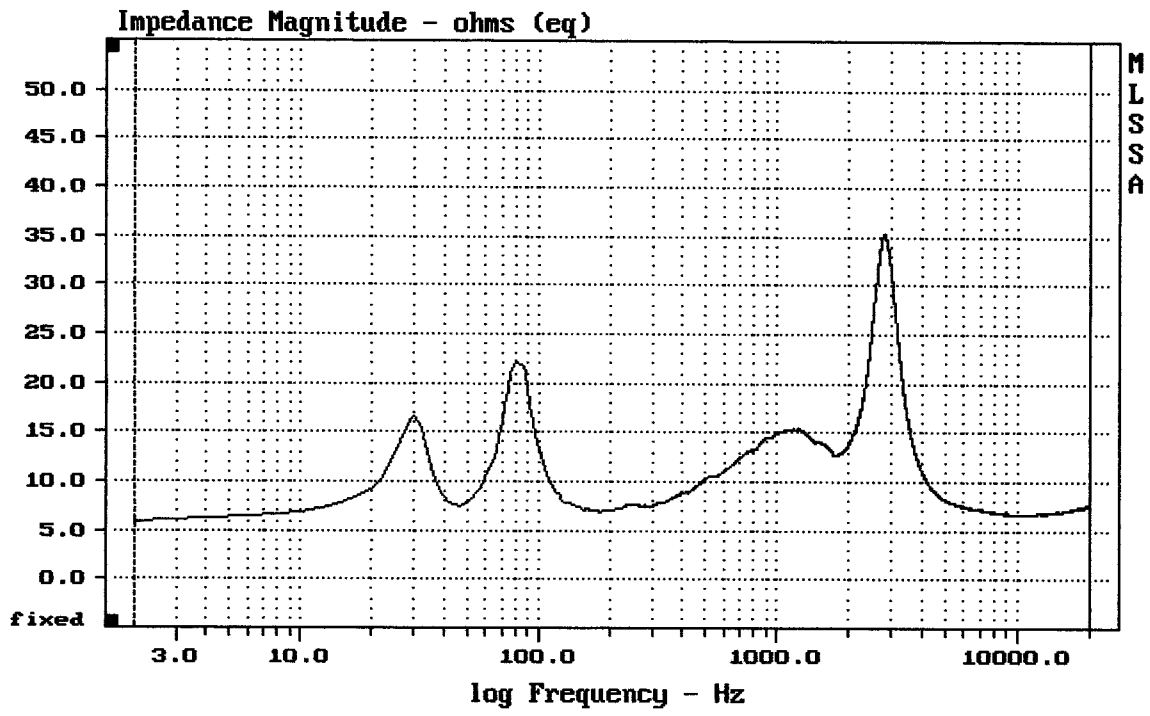
MLSSA: Frequency Domain



Overlay Compare: dev= +3.1/-7.8, std= 1.1, avg= -0.48

DTTO + GRILL ---

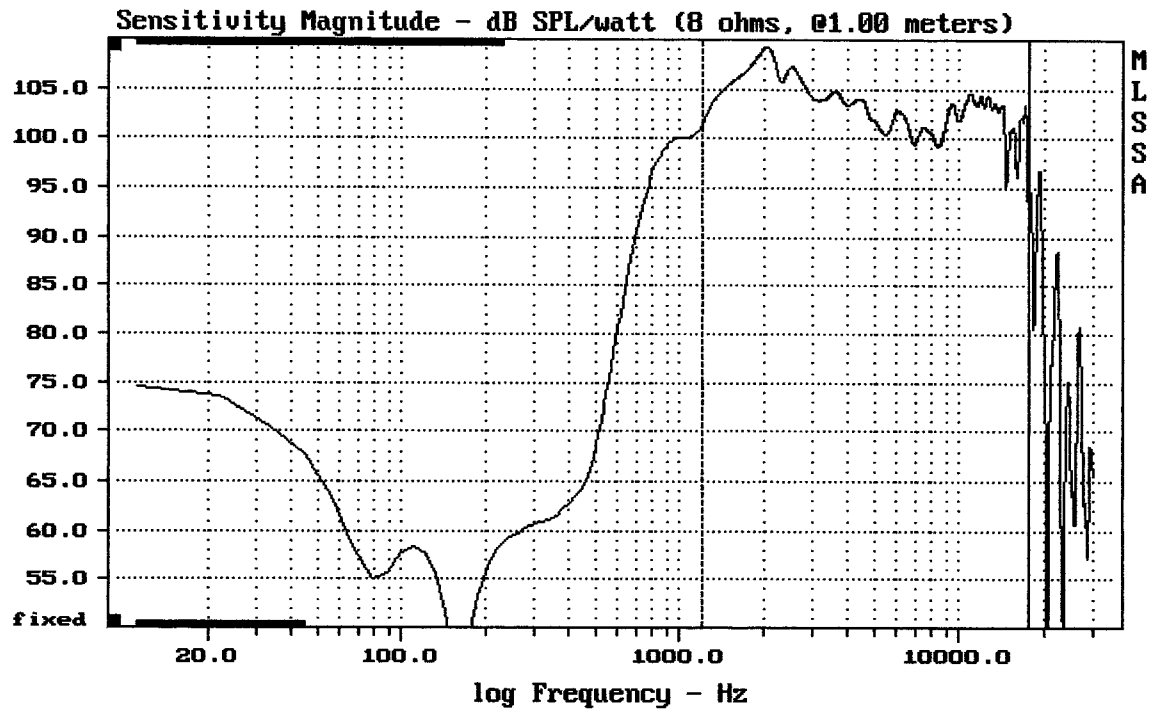
MLSSA: Frequency Domain



mean: 9.195, rms: 10.57, std: 5.207, max: 35.3, min: 5.911

MACKIE S512

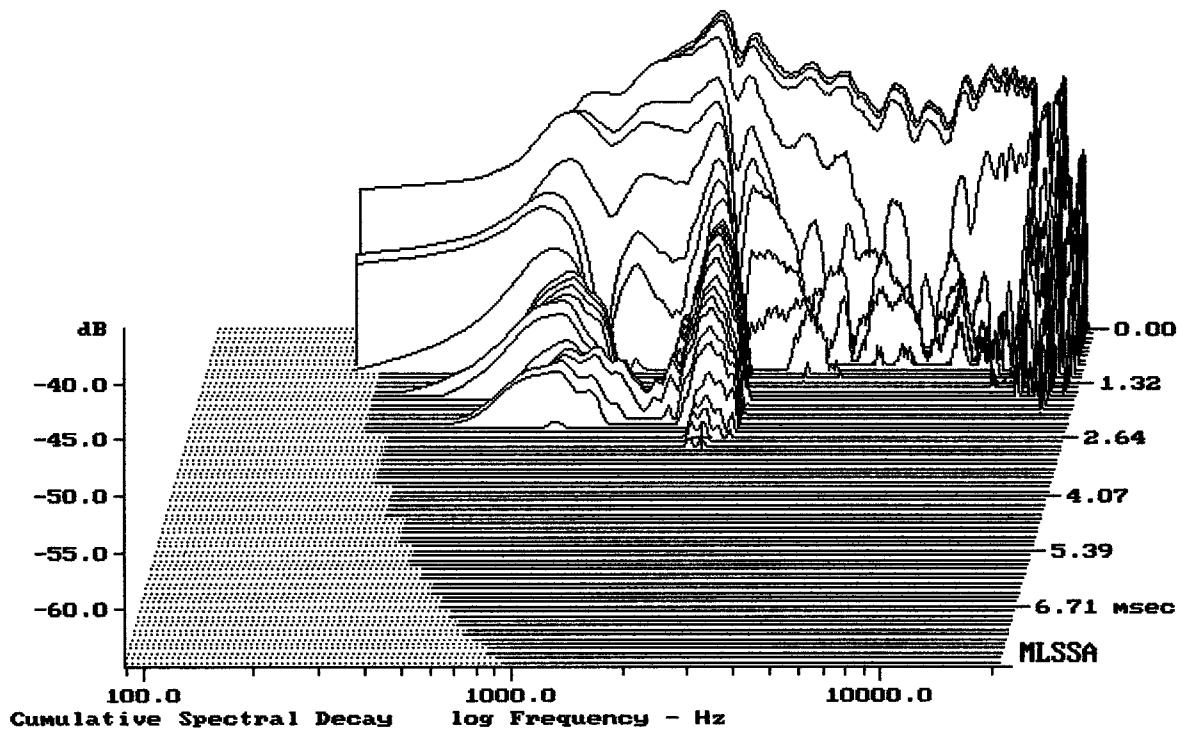
MLSSA: Frequency Domain



Level (1210:17800 Hz) = 104.32 dB SPL/watt (8 ohms, @1.00 meters)

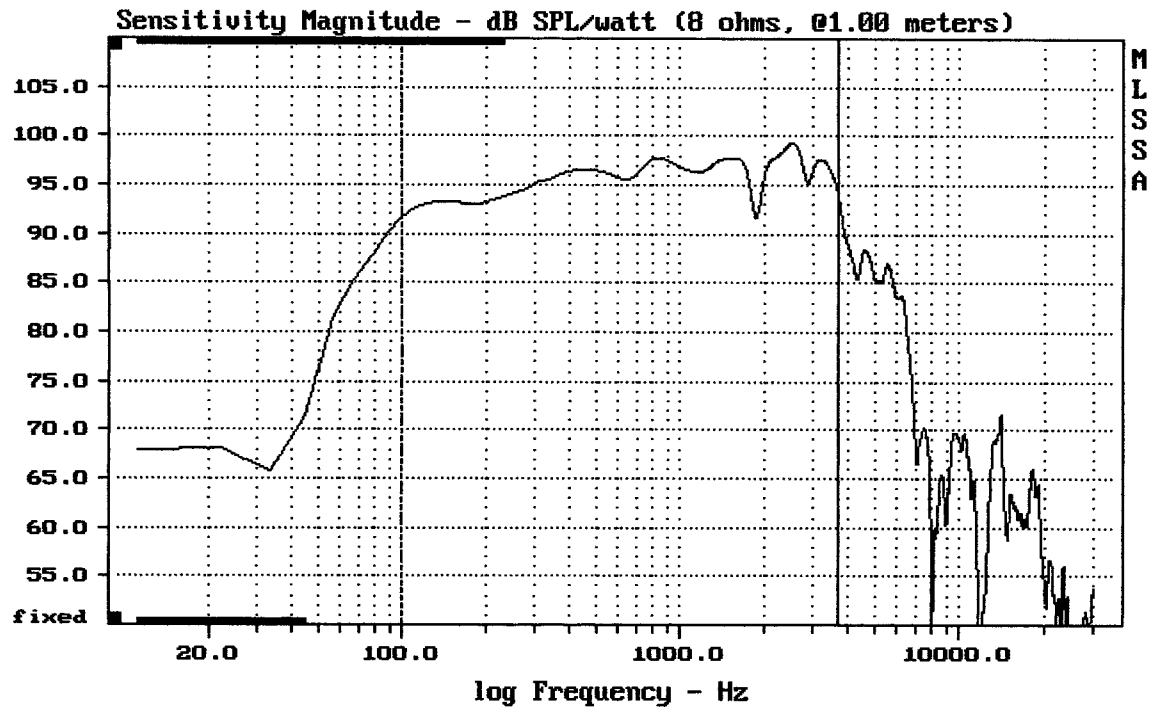
PA-D26S + HORN FROM S512

MLSSA: Frequency Domain



-64.31 dB, 2219 Hz (50), 2.860 msec (27)

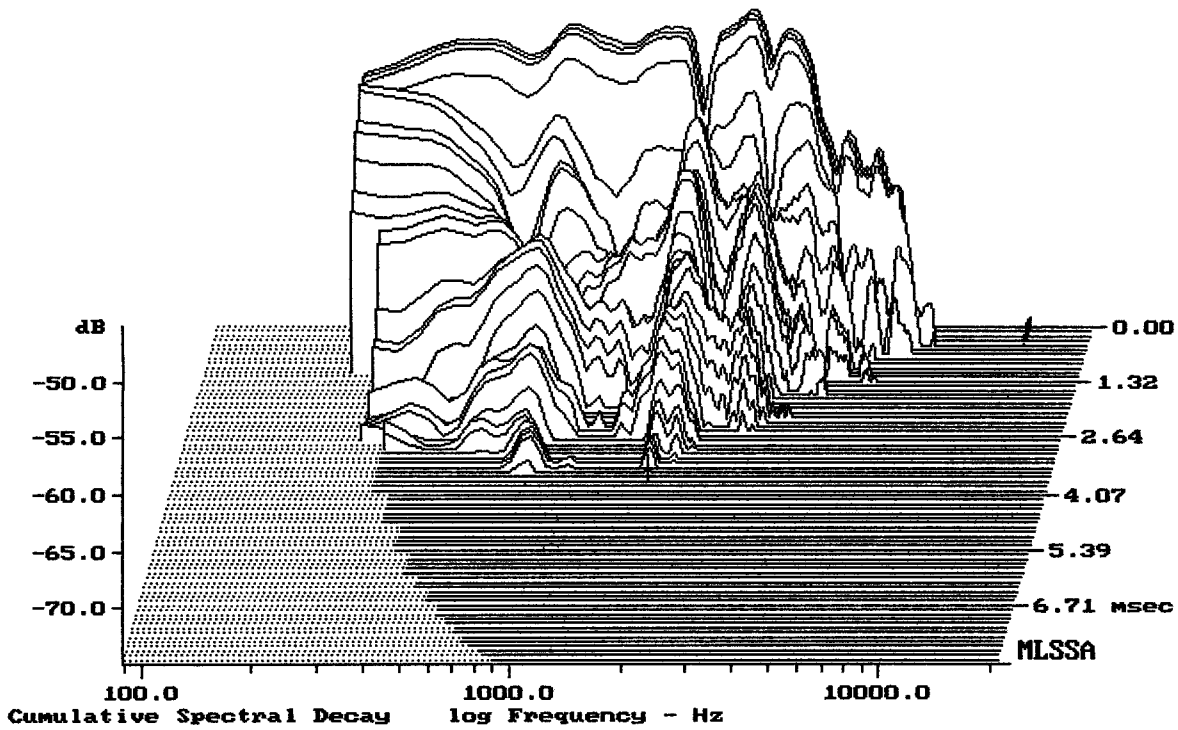
DTTO



Level (100:3706 Hz) = 95.97 dB SPL/watt (8 ohms, @1.00 meters)

TC-1260S FROM S512

MLSSA: Frequency Domain



-74.72 dB, 1687 Hz (38), 3.520 msec (33)

DTTO

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.25	Ohms
2	Fs	57.49	Hz
3	Re	5.55	Ohms[dc]
4	Res	23.33	Ohms
5	Qms	2.52	
6	Qes	0.60	
7	Qts	0.48	
8	L1	0.61	mH
9	L2	0.98	mH
10	R2	3.40	Ohms
11	RMSE-load	0.23	Ohms
12	Vas(Sd)	72.02	liters
13	Mms	42.13	grams
14	Cms	182	μ M/Newton
15	B1	11.87	Tesla-M
16	SPLref(Sd)	95.4	dB[Re]
17	Rub-index	0.00	

Method: Mass-loaded (80.00 grams)

Area (Sd): 530.93 sq cm

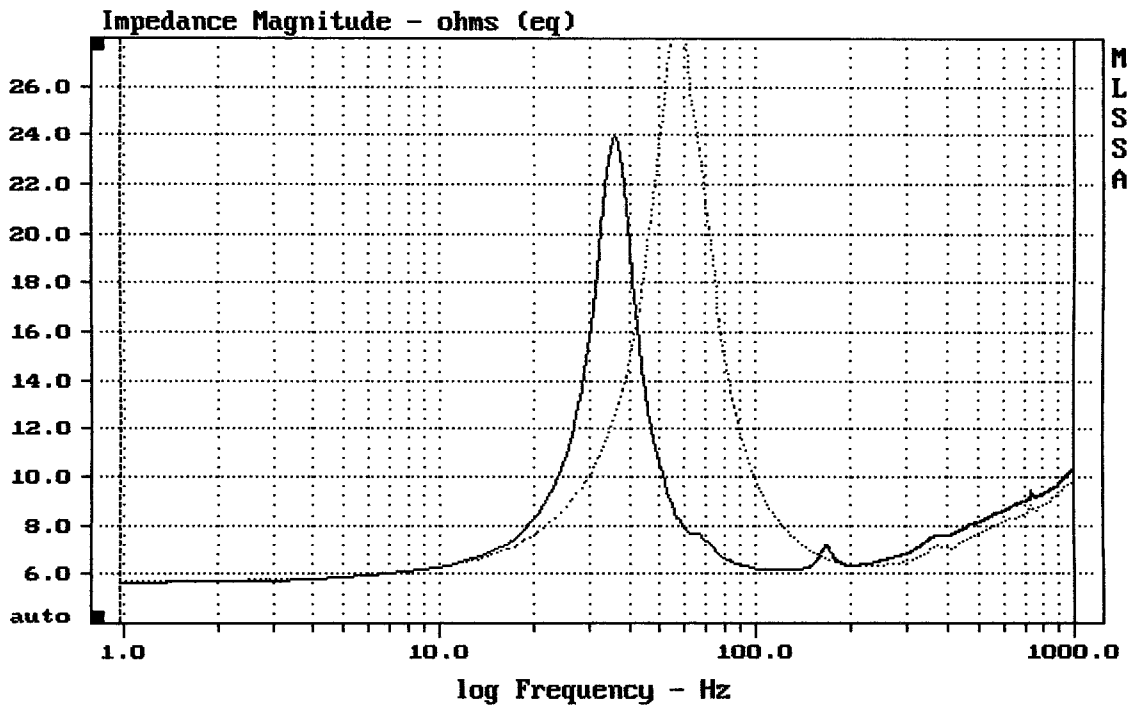
DCR mode: Measure (-0.13 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -37.6% (-20% to -50% is recommended).

12" FROM S512

MLSSA: Parameters



mean: 8.619, rms: 9.188, std: 3.184, max: 29.29, min: 5.688

DTTO

MLSSA: Frequency Domain