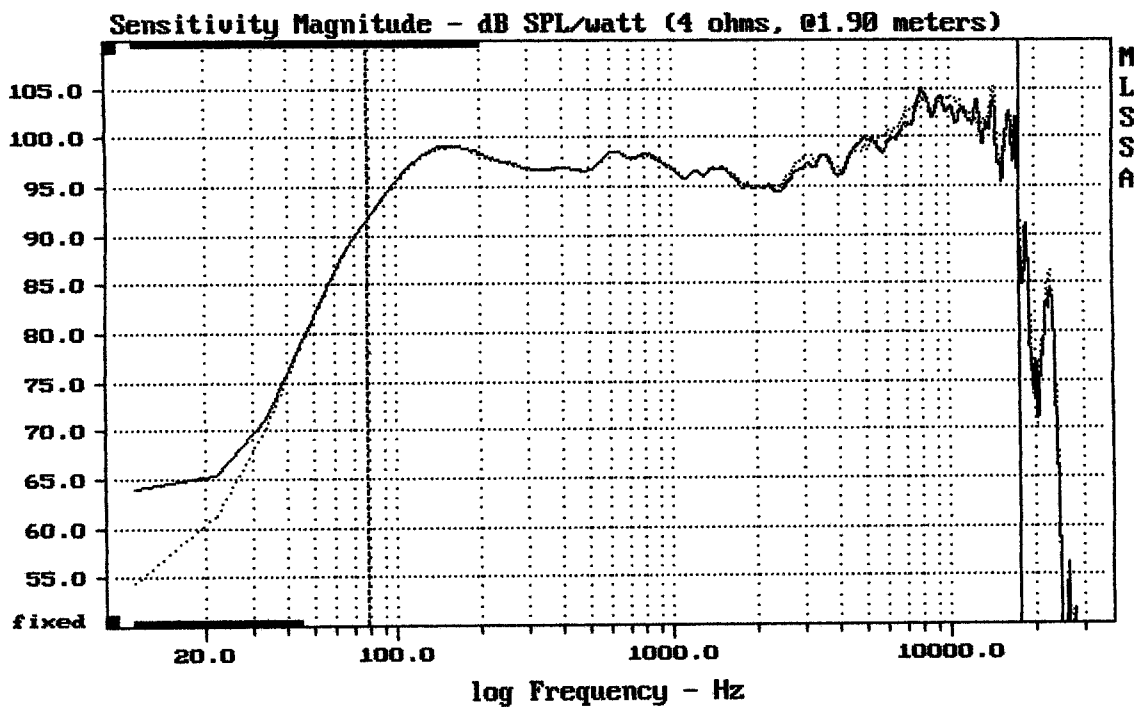


mean: 100.87, rms: 101.25, std: 2.29, max: 105.18, min: 91.62

4PRO2031-A NEW

MLSSA: Frequency Domain

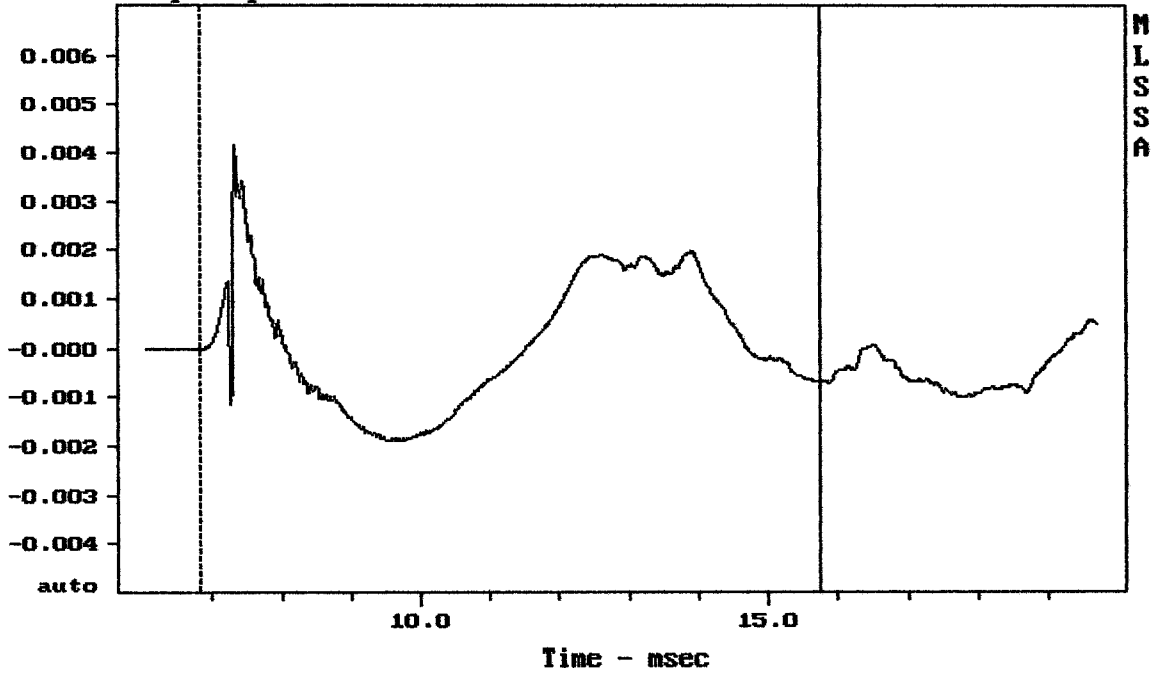


Overlay Compare: dev= +2.5/-1.9, std= 0.83, avg= -0.42

4PRO2031-A NEW

MLSSA: Frequency Domain

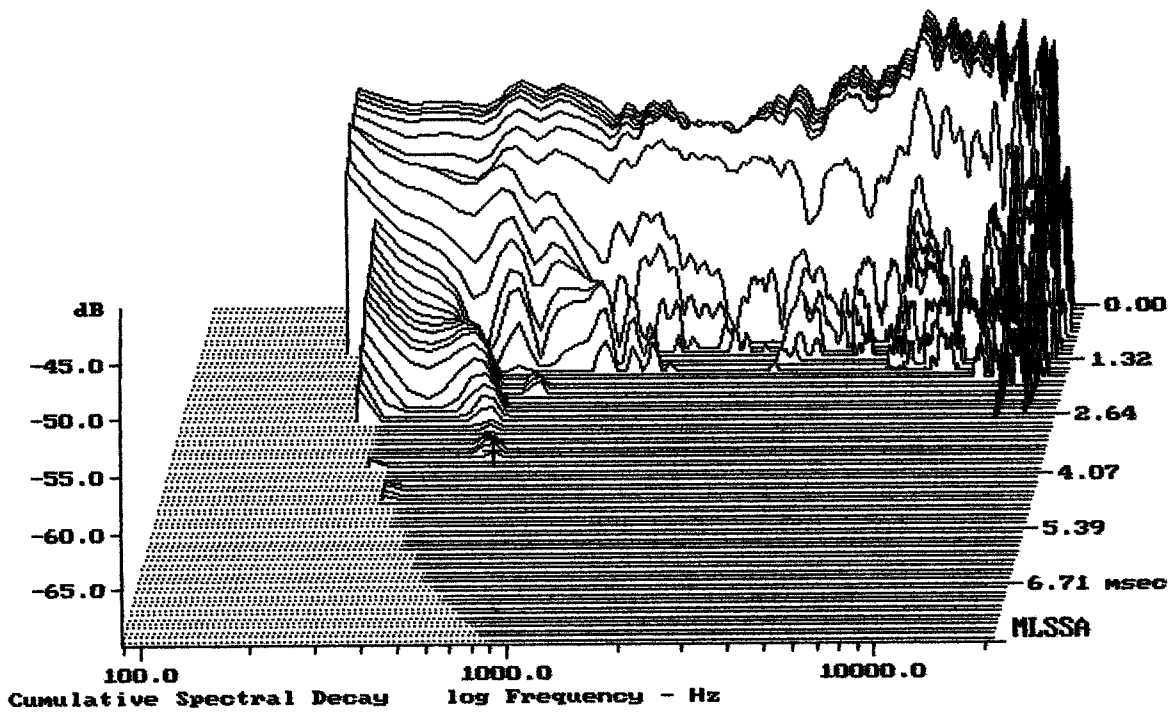
Step Response - volts



mean: 0.000119, rms: 0.001315, std: 0.001309, max: 0.004155, min: -0.001887

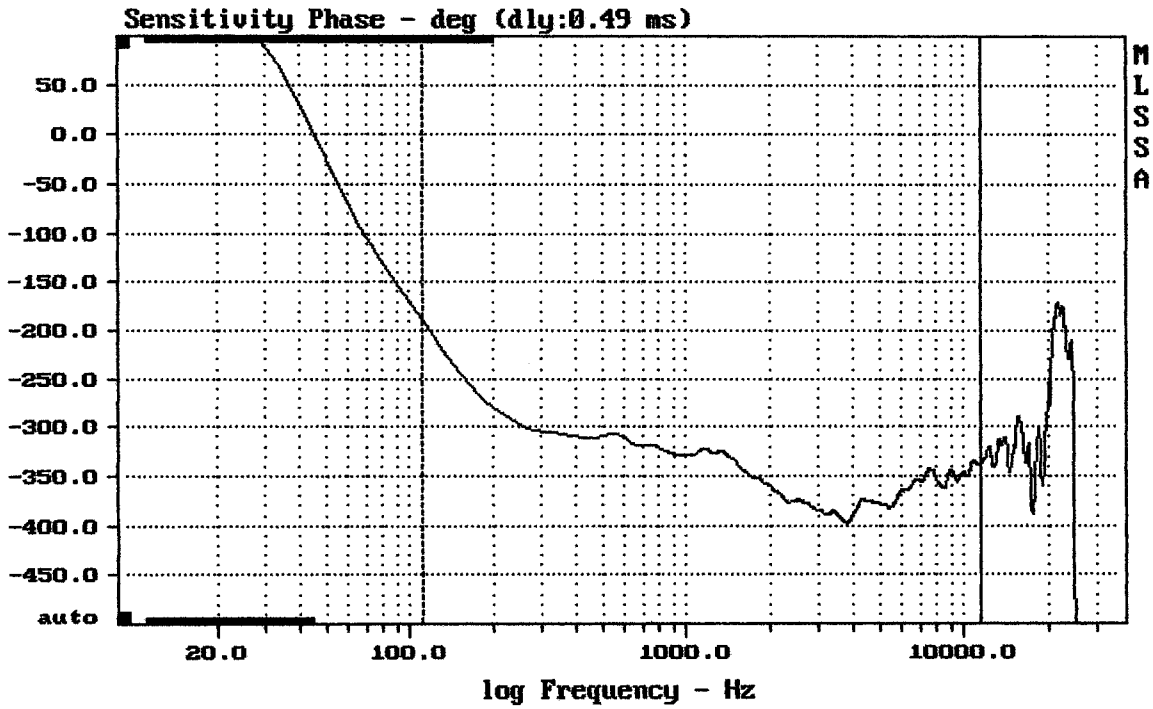
4PRO2031-A NEW

MLSSA: Time Domain



-69.39 dB, 666 Hz (15), 3.630 msec (34)

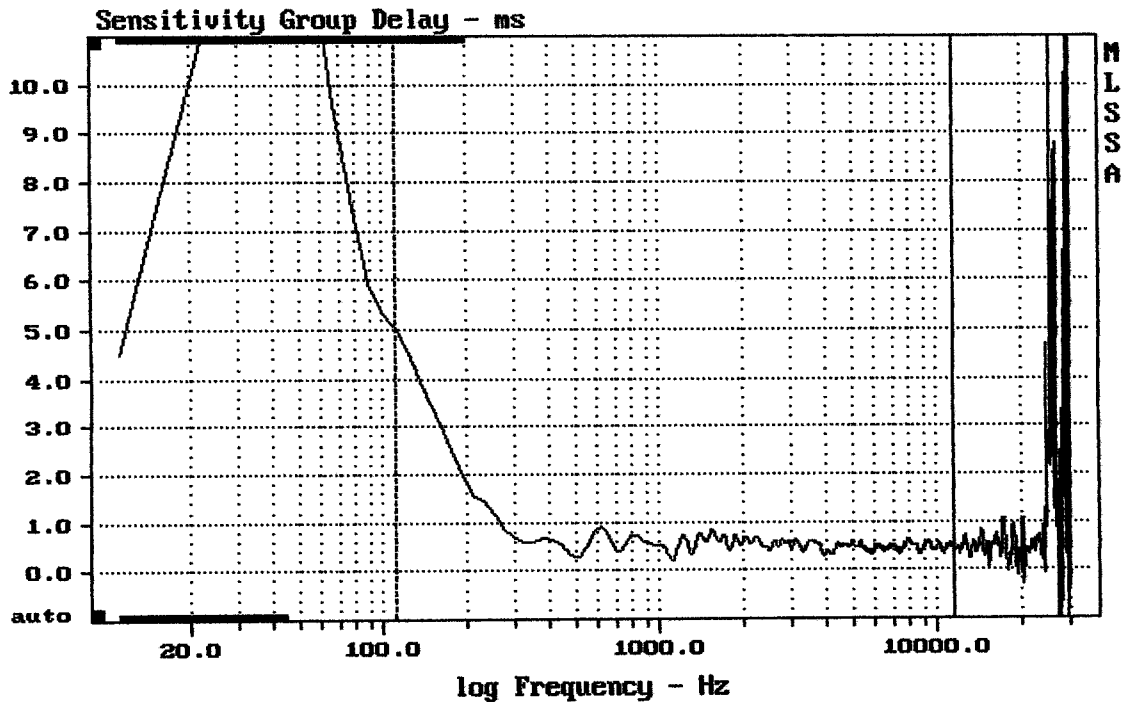
DTTO



mean: -356.1, rms: 356.9, std: 23.84, max: -188.5, min: -397.8

4PRO2031-A NEW

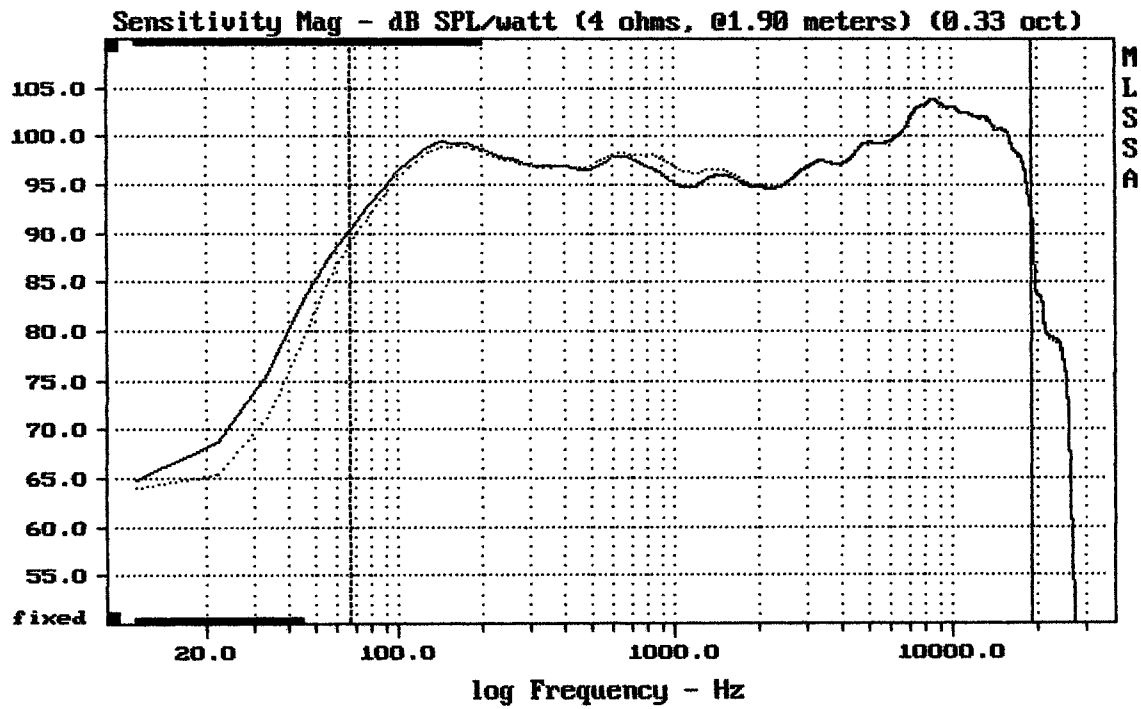
MLSSA: Frequency Domain



mean: 0.5273, rms: 0.6103, std: 0.3072, max: 5.049, min: 0.2232

4PRO2031-A NEW

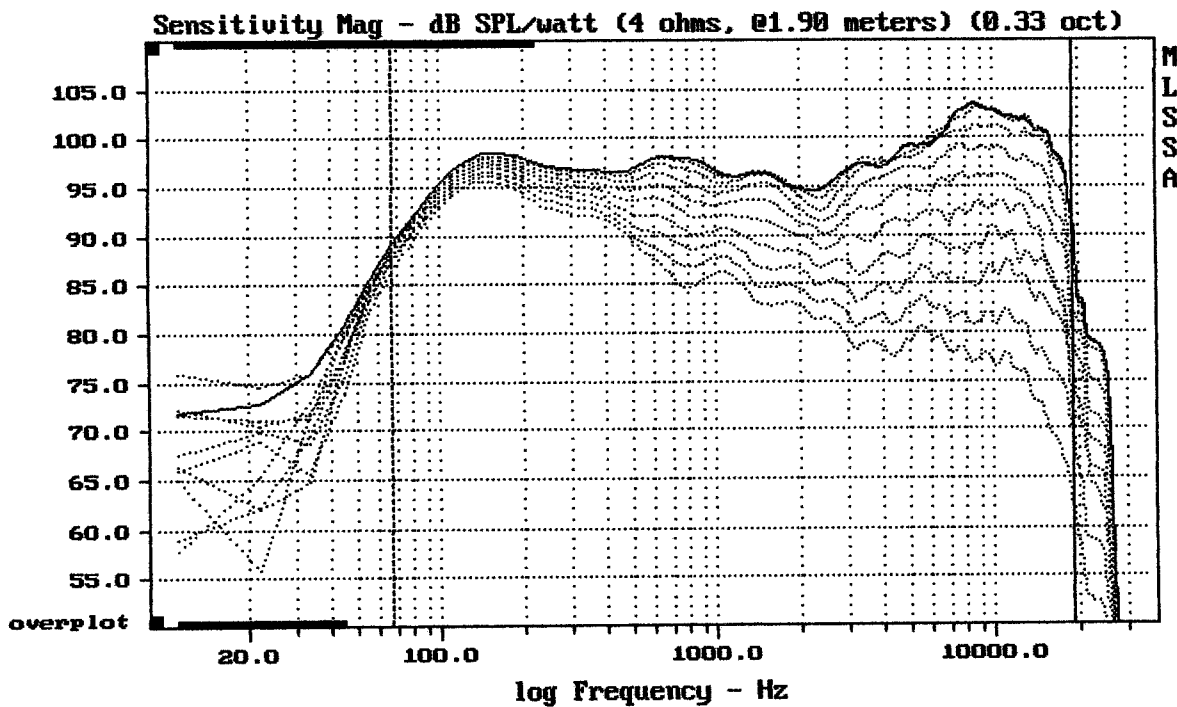
MLSSA: Frequency Domain



Overlay Compare: dev= +1.4/-1.7, std= 0.27, avg= -0.035

4PRO2031-A NEW

MLSSA: Frequency Domain

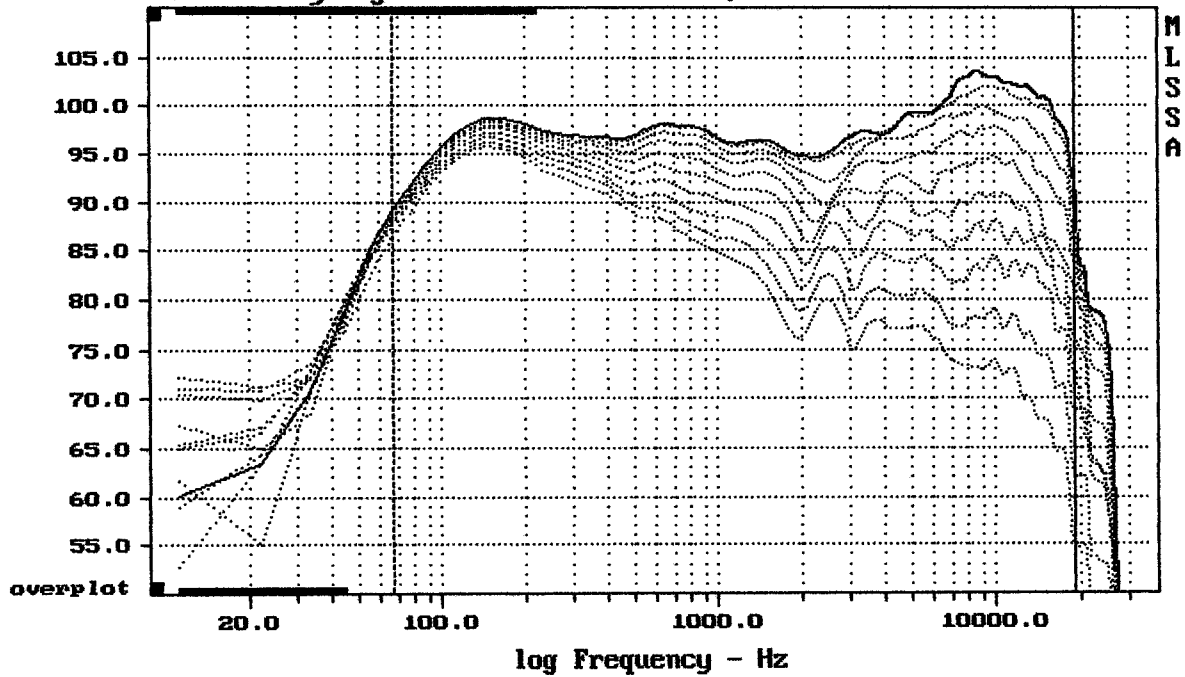


Overlay Compare: dev= +21/-7.4, std= 6.3, avg= -23

4PRO2031-A NEW

MLSSA: Frequency Domain

Sensitivity Mag - dB SPL/watt (4 ohms, @1.90 meters) (0.33 oct)

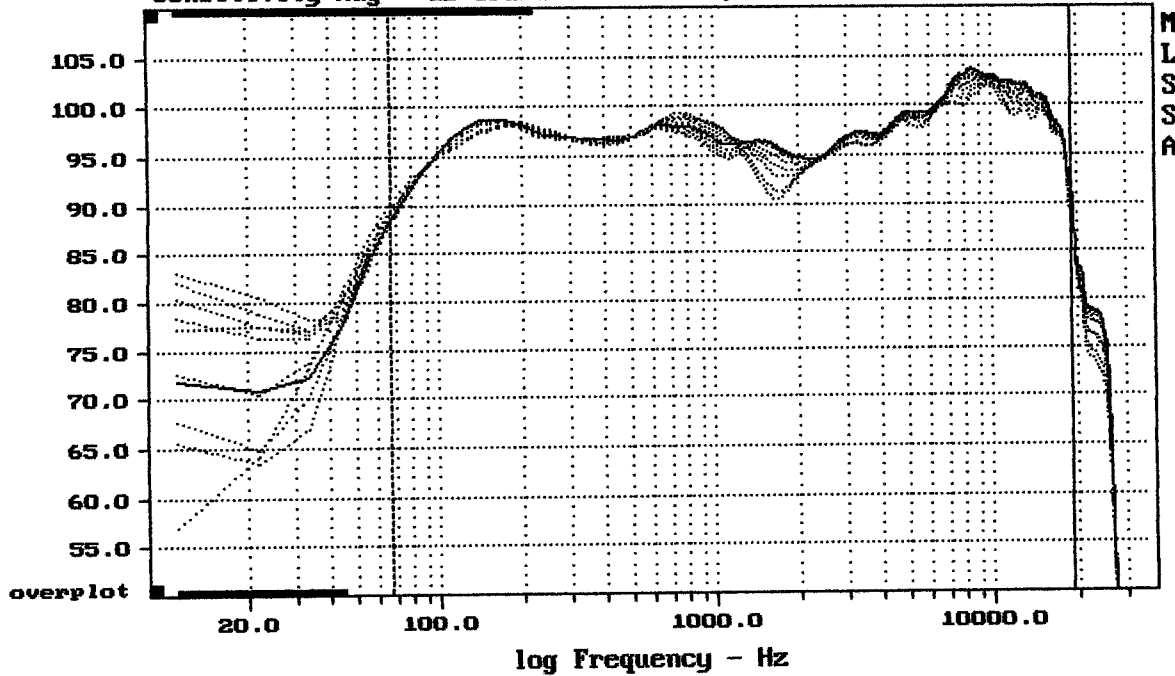


Overlay Compare: dev= +24/-10, std= 7.5, avg= -27

4PRO2031-A NEW

MLSSA: Frequency Domain

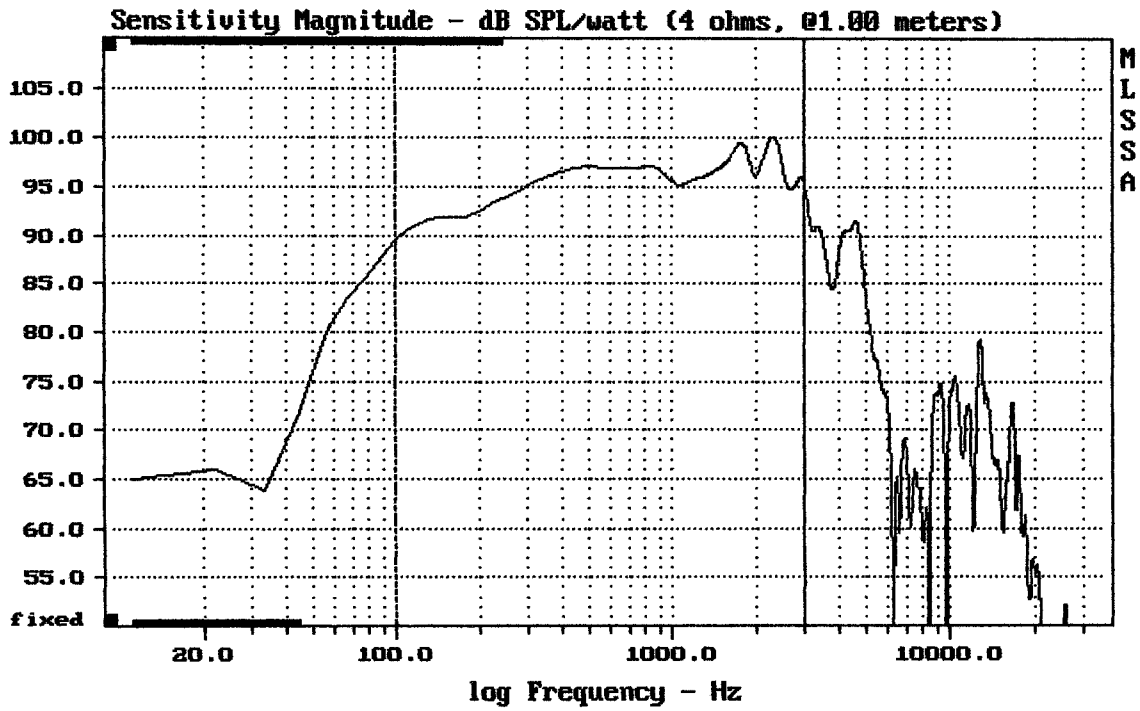
Sensitivity Mag - dB SPL/watt (4 ohms, @1.90 meters) (0.33 oct)



CURSOR: y = 88.91 x = 19389.3034 (1740)

4PRO2031-A NEW

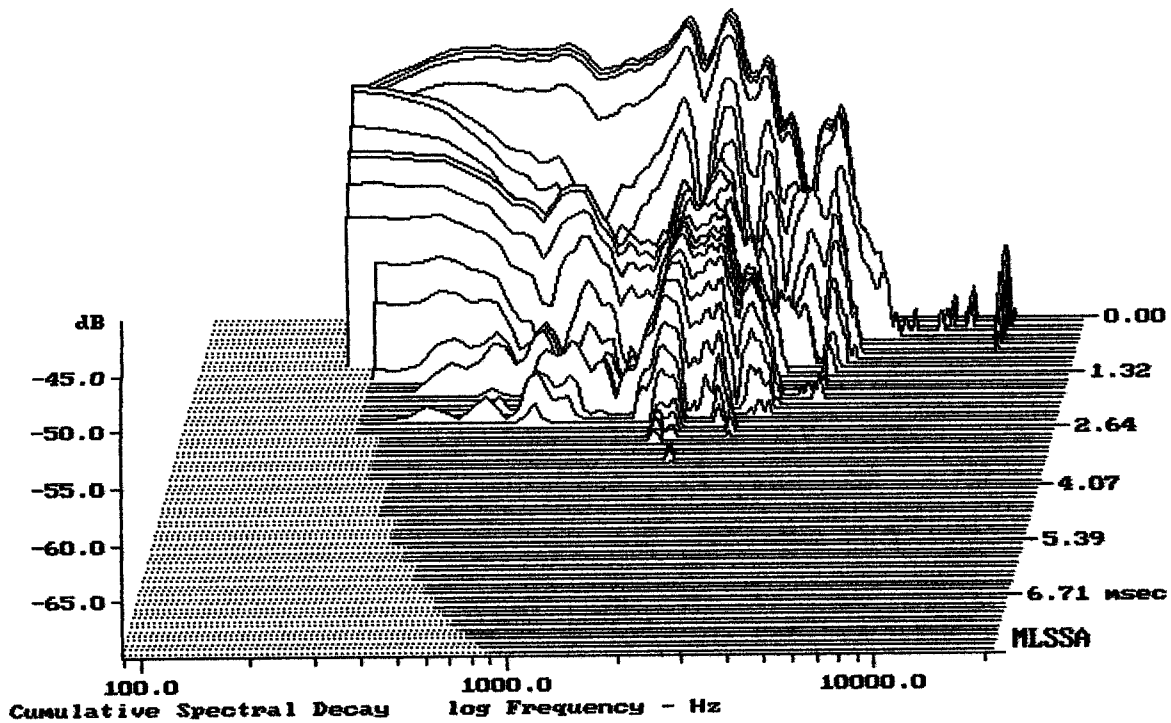
MLSSA: Frequency Domain



Level (100:3007 Hz) = 95.91 dB SPL/watt (4 ohms, @1.00 meters)

4PRO 2031-A NEW

MLSSA: Frequency Domain



-69.40 dB, 1820 Hz (41), 2.860 msec (27)

DTTO

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.31	Ohms
2	Fs	68.22	Hz
3	Re	3.42	Ohms[dc]
4	Res	47.64	Ohms
5	Qms	5.97	
6	Qes	0.43	
7	Qts	0.40	
8	L1	0.28	mH
9	L2	0.94	mH
10	R2	6.64	Ohms
11	RMSE-load	0.42	Ohms
12	Vas(Sd)	48.14	liters
13	Mms	44.76	grams
14	Cms	122	$\mu\text{M}/\text{Newton}$
15	B1	12.37	Tesla-M
16	SPLref(Sd)	97.4	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (80.00 grams)

Area (Sd): 530.93 sq cm

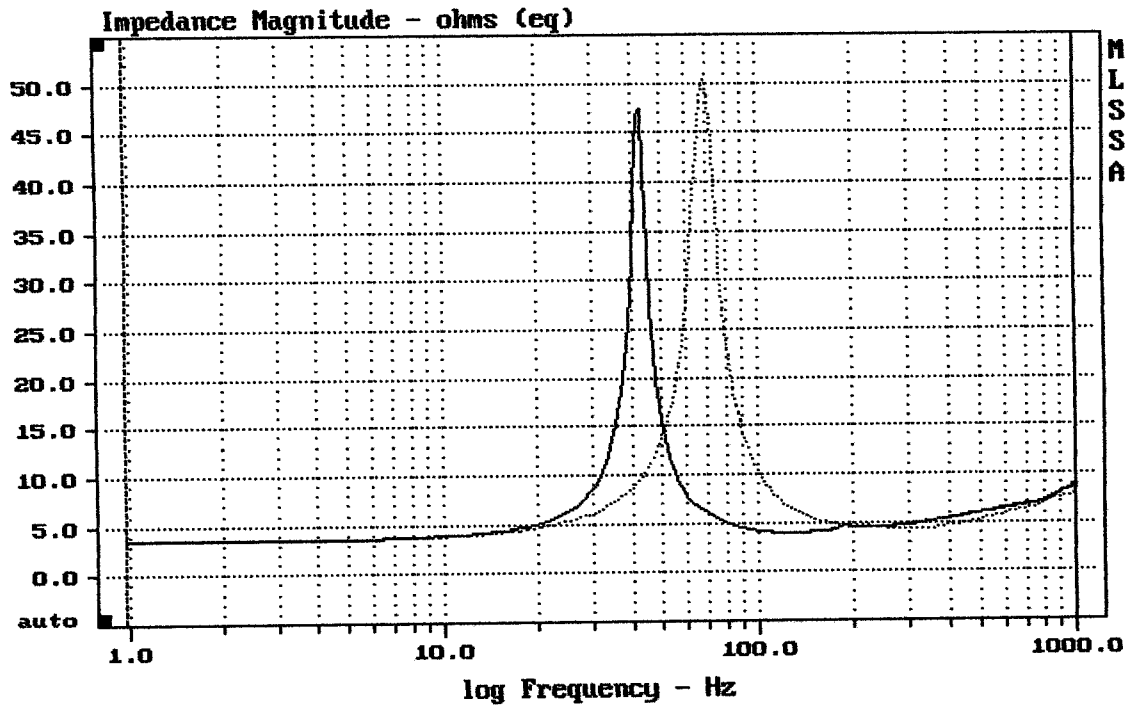
DCR mode: Measure (-0.11 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -37.8% (-20% to -50% is recommended).

4PRO2031-A

MLSSA: Parameters



mean: 6.906, rms: 8.699, std: 5.291, max: 50.25, min: 3.511

MLSSA: Frequency Domain