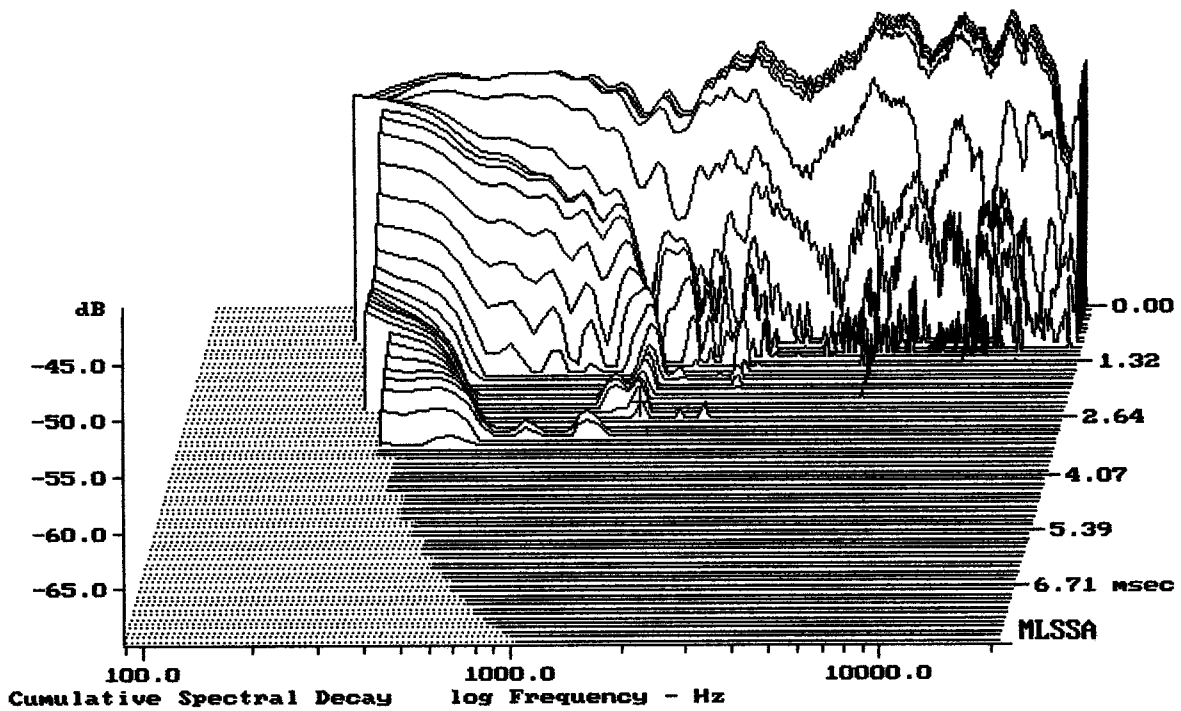


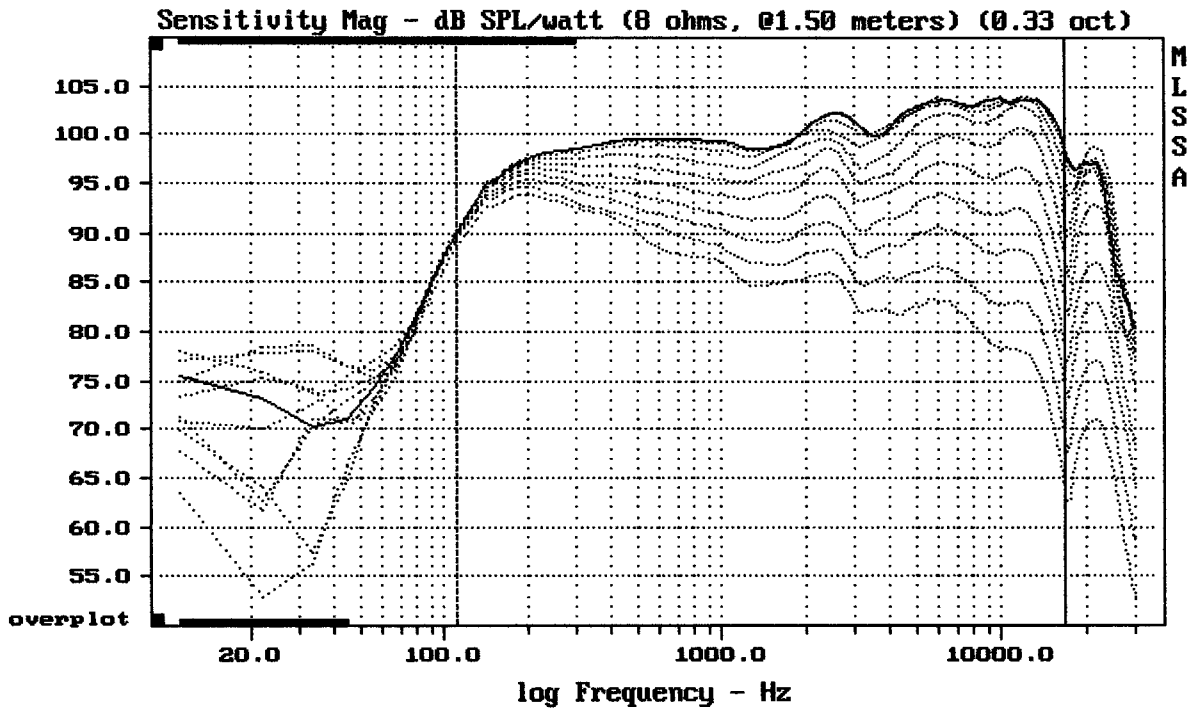
mean: 102.95, rms: 103.17, std: 1.78, max: 105.84, min: 91.71

ES1.0 + EPAK2500

MLSSA: Frequency Domain



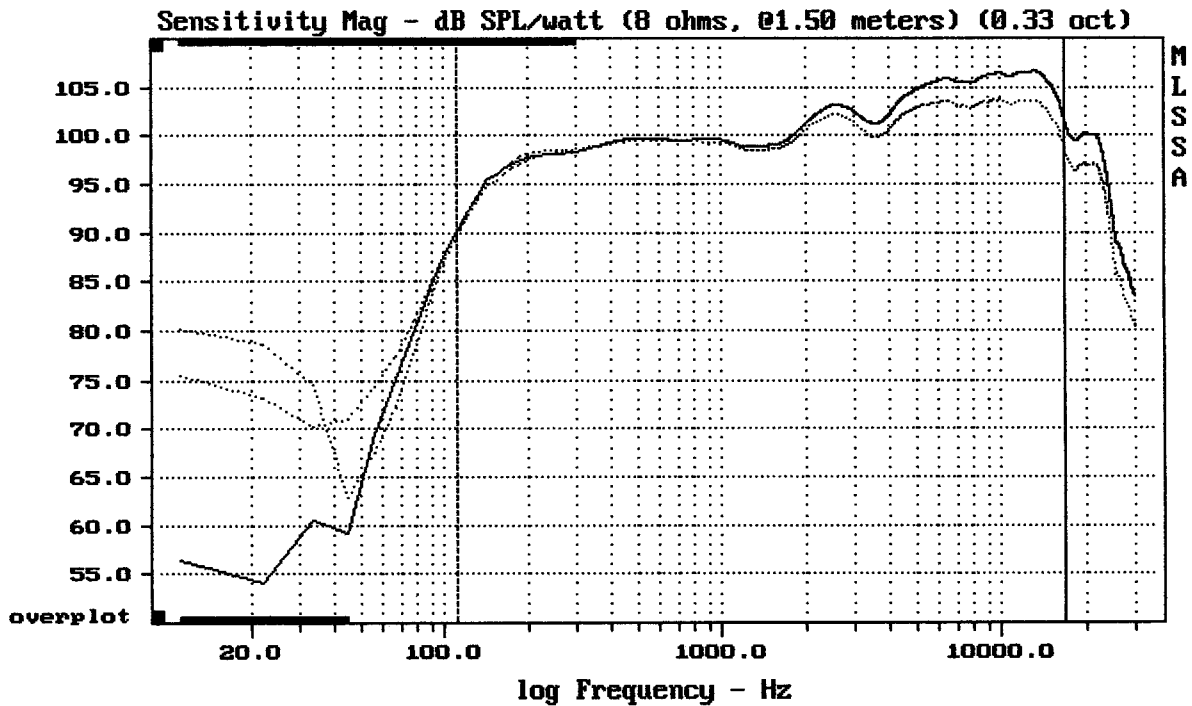
-68.63 dB, 1509 Hz (34), 2.640 msec (25)



Overlay Compare: dev= +21/-12, std= 6.2, avg= -23

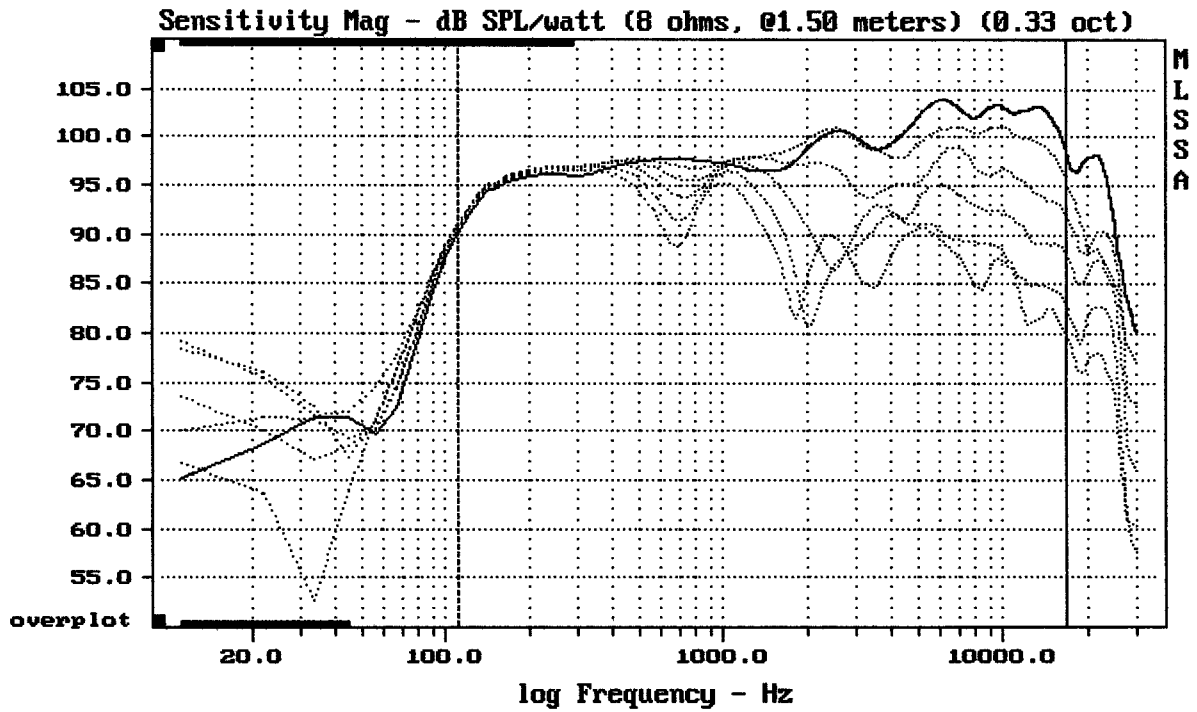
ES1.0 + EPAK2500

MLSSA: Frequency Domain



mean: 102.29, rms: 102.42, std: 1.38, max: 103.65, min: 89.72

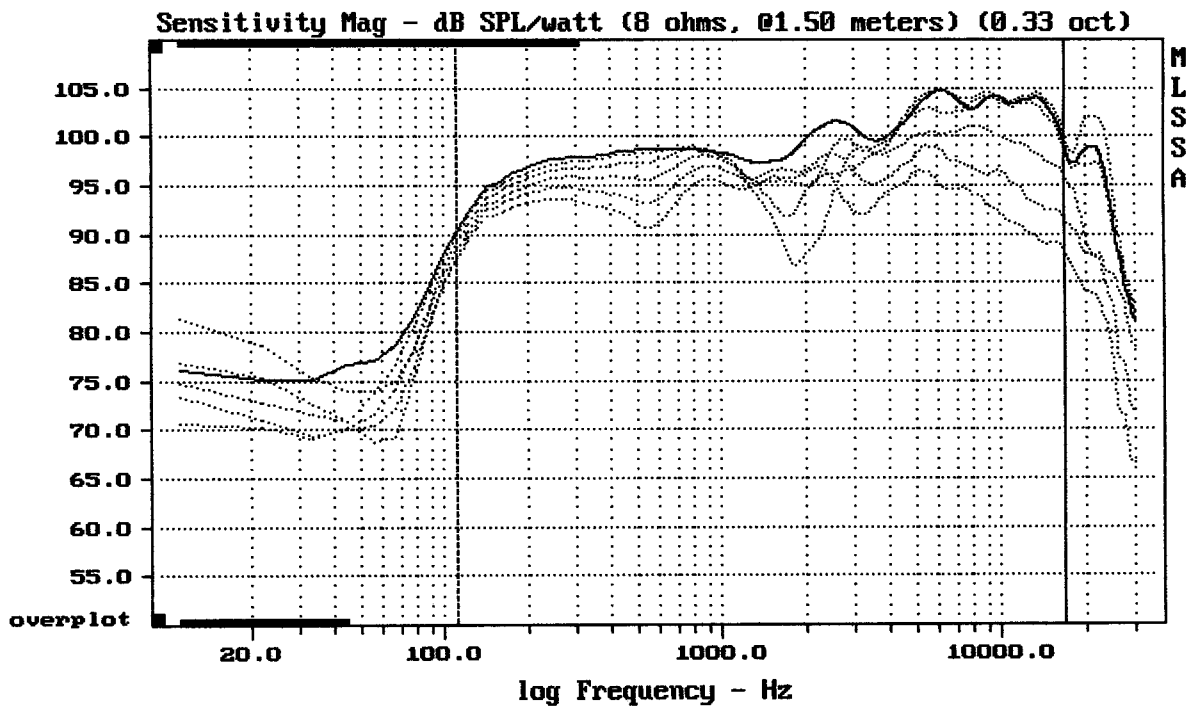
ES1.0 + EPAK2500



Overlay Compare: dev= +16/-6.4, std= 5, avg= -15

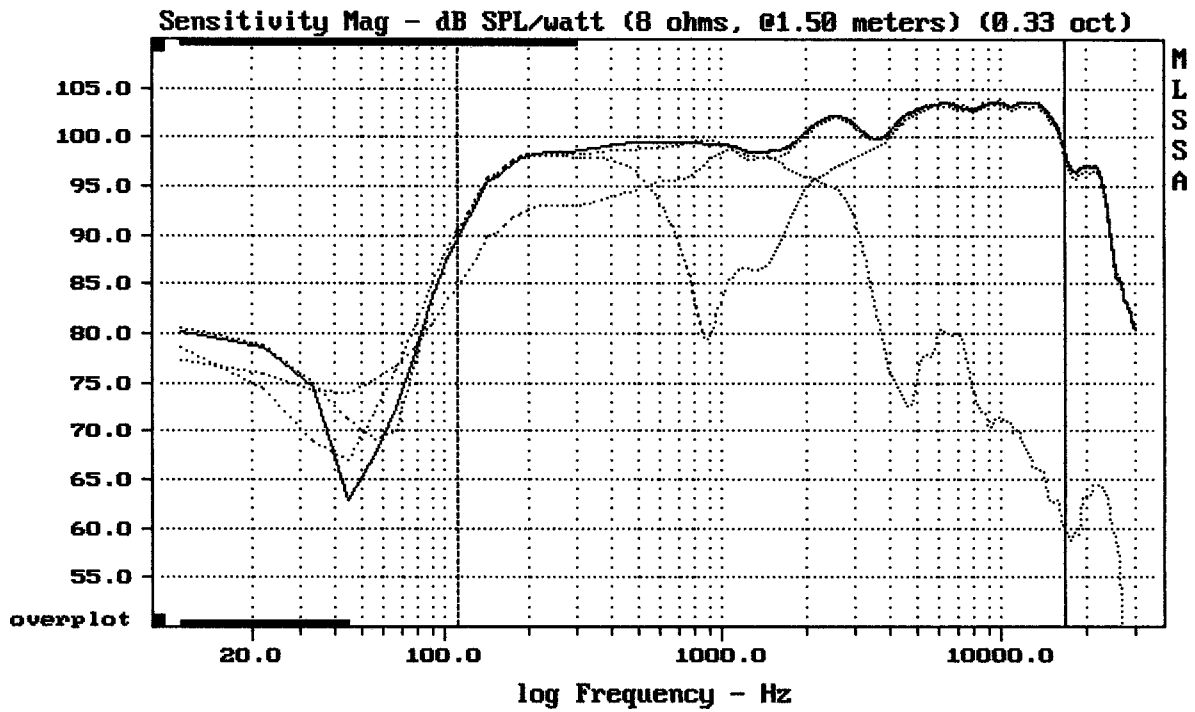
ES1.0 + EPAK2500

MLSSA: Frequency Domain



Overlay Compare: dev= +8.1/-5.1, std= 3.5, avg= -9.7

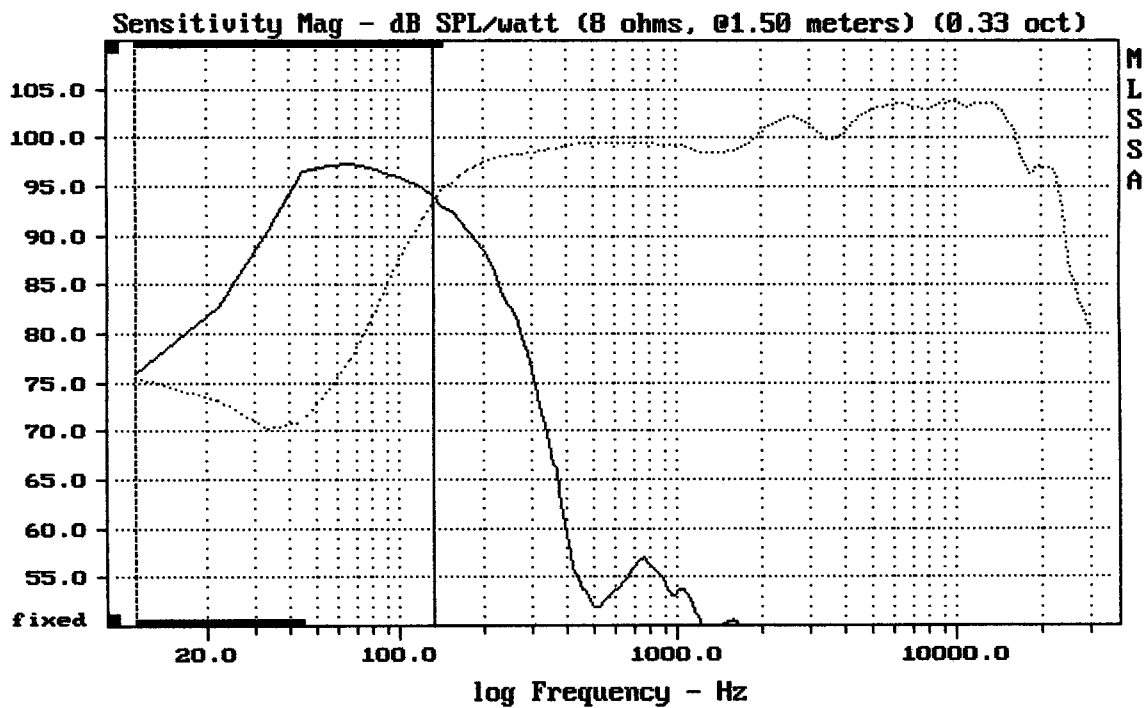
ES1.0 + EPAK2500



mean: 101.86, rms: 102.04, std: 1.62, max: 103.45, min: 84.77

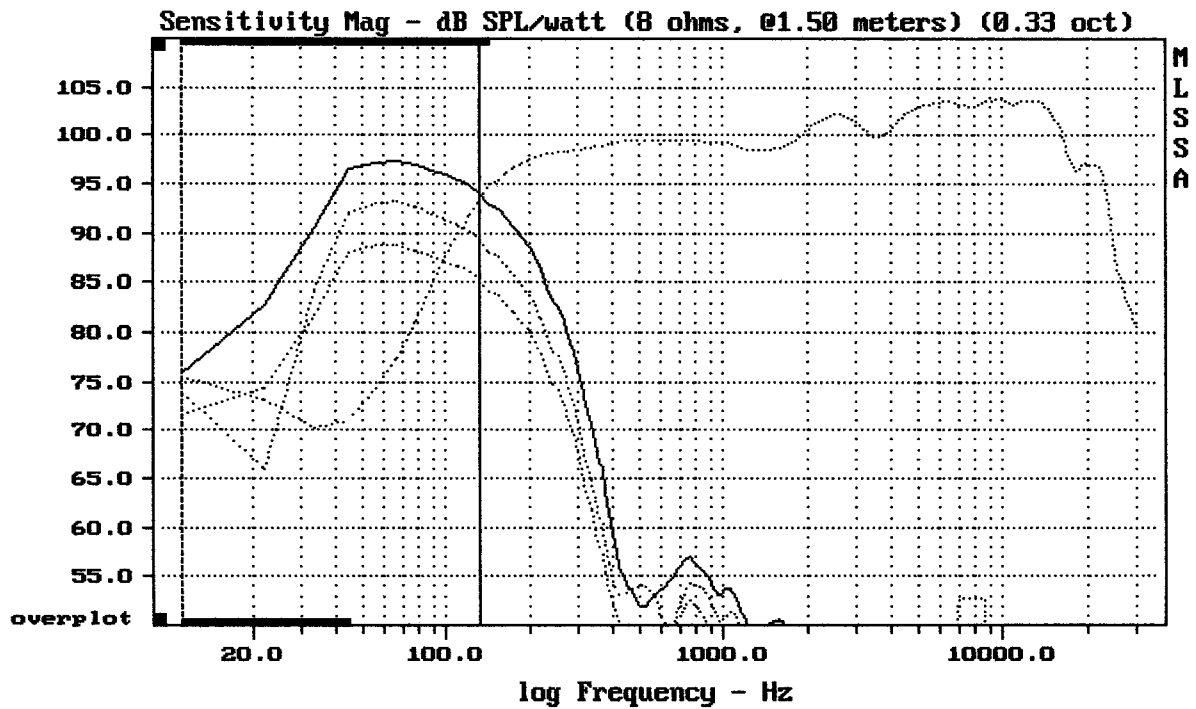
ES1.0 + EPAK2500

MLSSA: Frequency Domain



CURSOR: dy = -0.751503 x = 133.1676 (12)

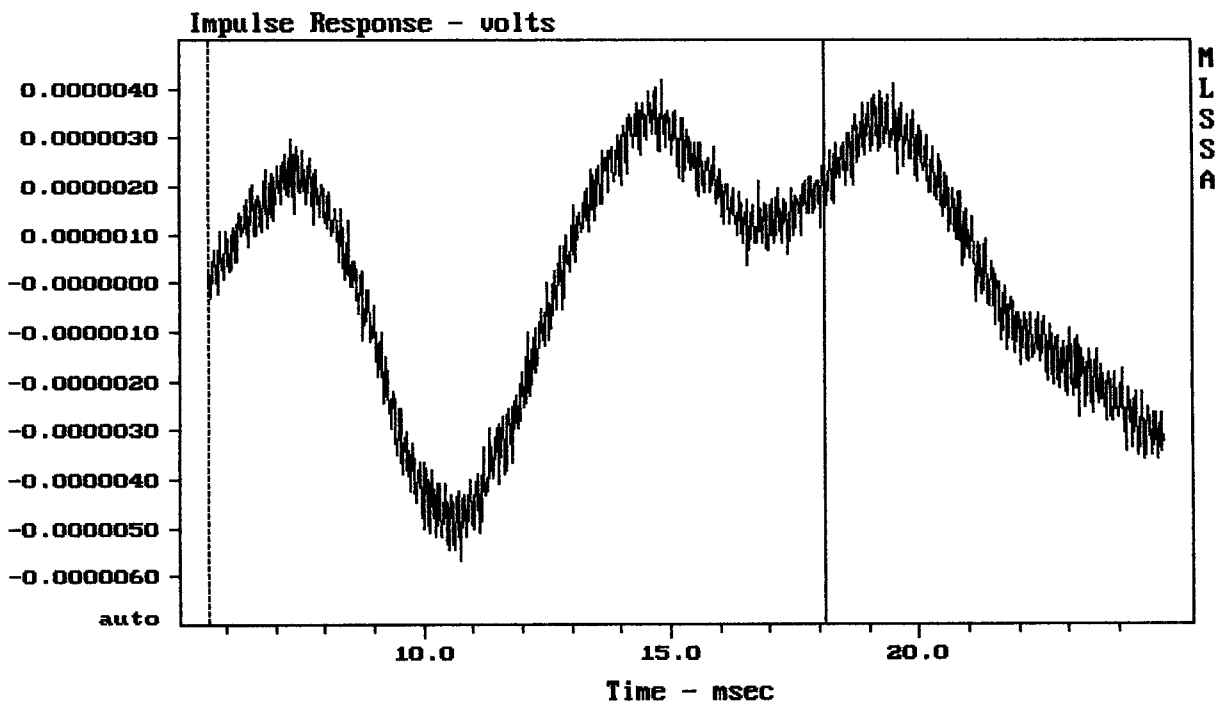
ES1.0 + EPAK2500



CURSOR: y = 85.2833 x = 133.1676 (12)

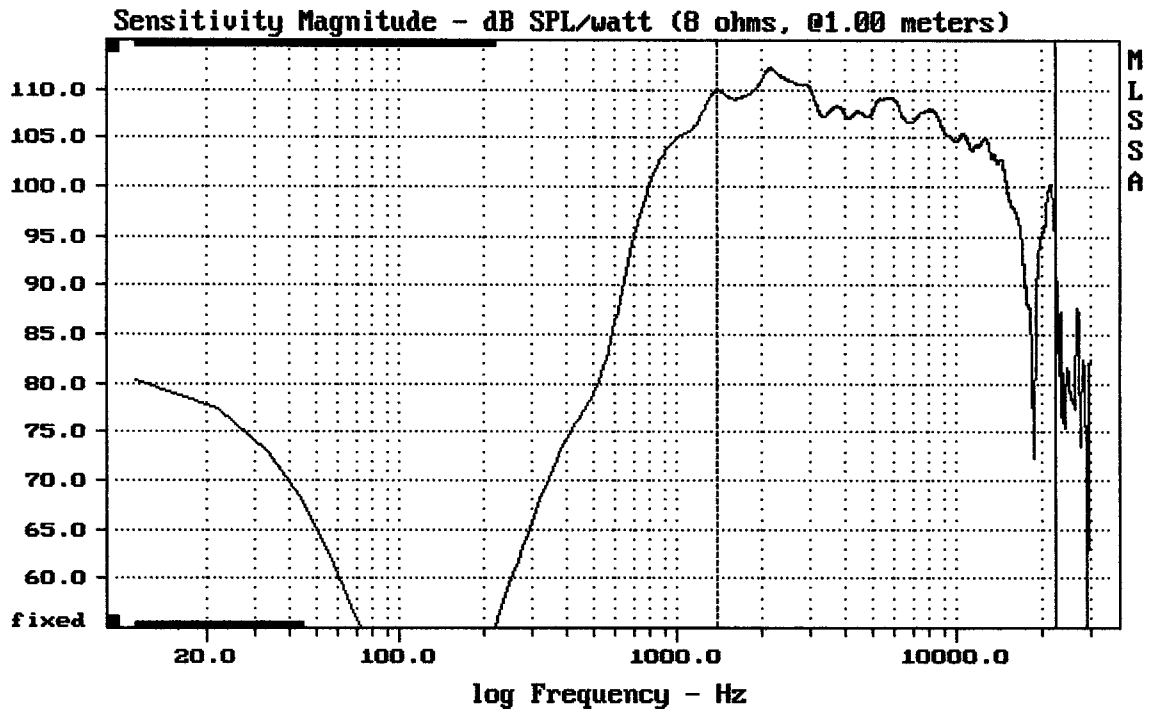
ES1.0 + EPAK2500

MLSSA: Frequency Domain



mean: 2.457e-007, rms: 2.51e-006, std: 2.498e-006, max: 4.17e-006, min: -5.686

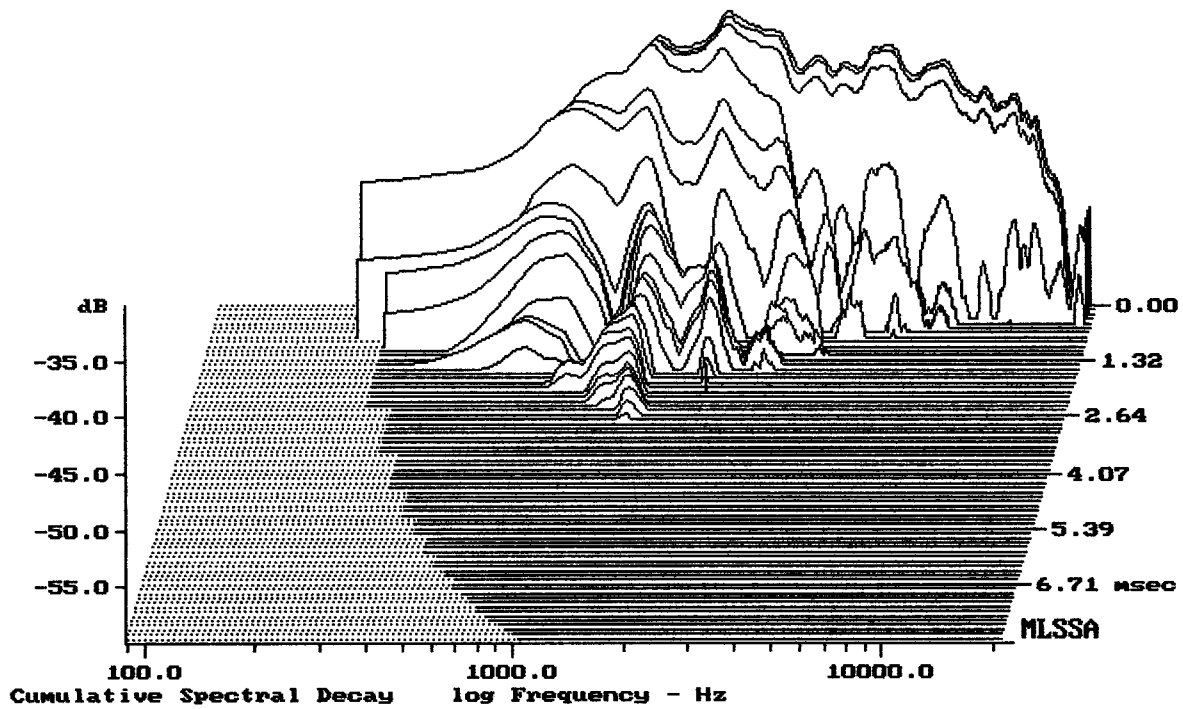
ES1.0 + EPAK2500



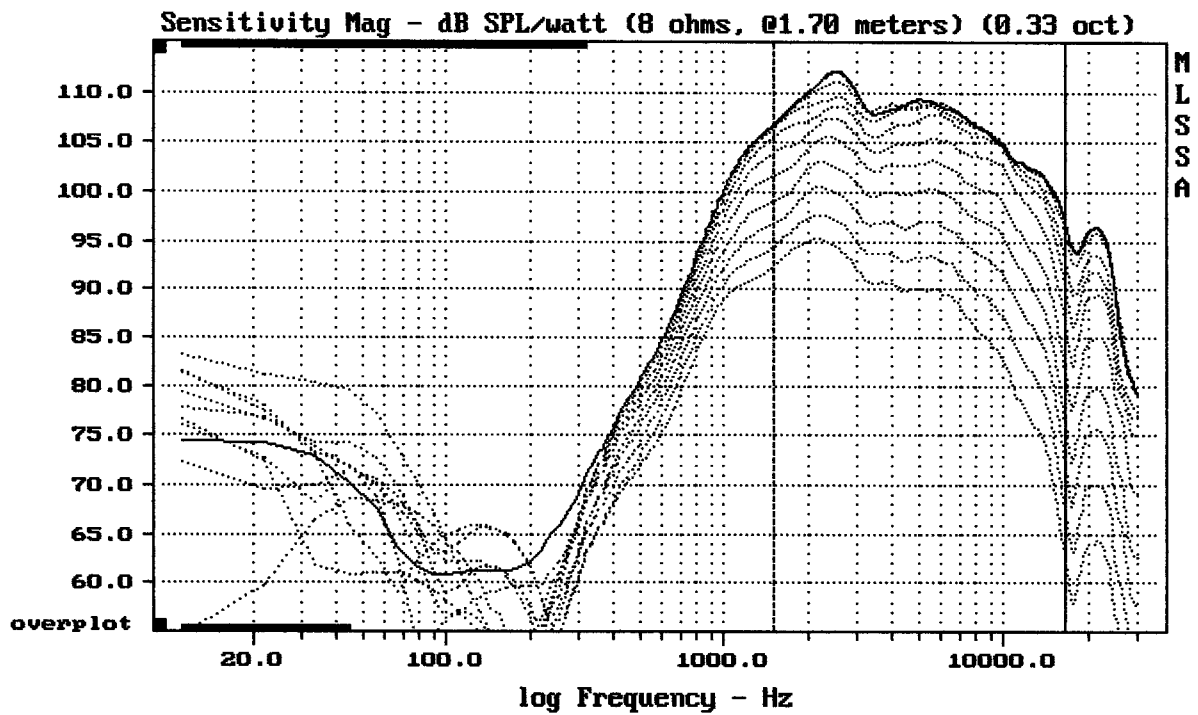
Level (1398:22505 Hz) = 107.84 dB SPL/watt (8 ohms, @1.00 meters)

ND1080 1" FROM ES1.0

MLSSA: Frequency Domain



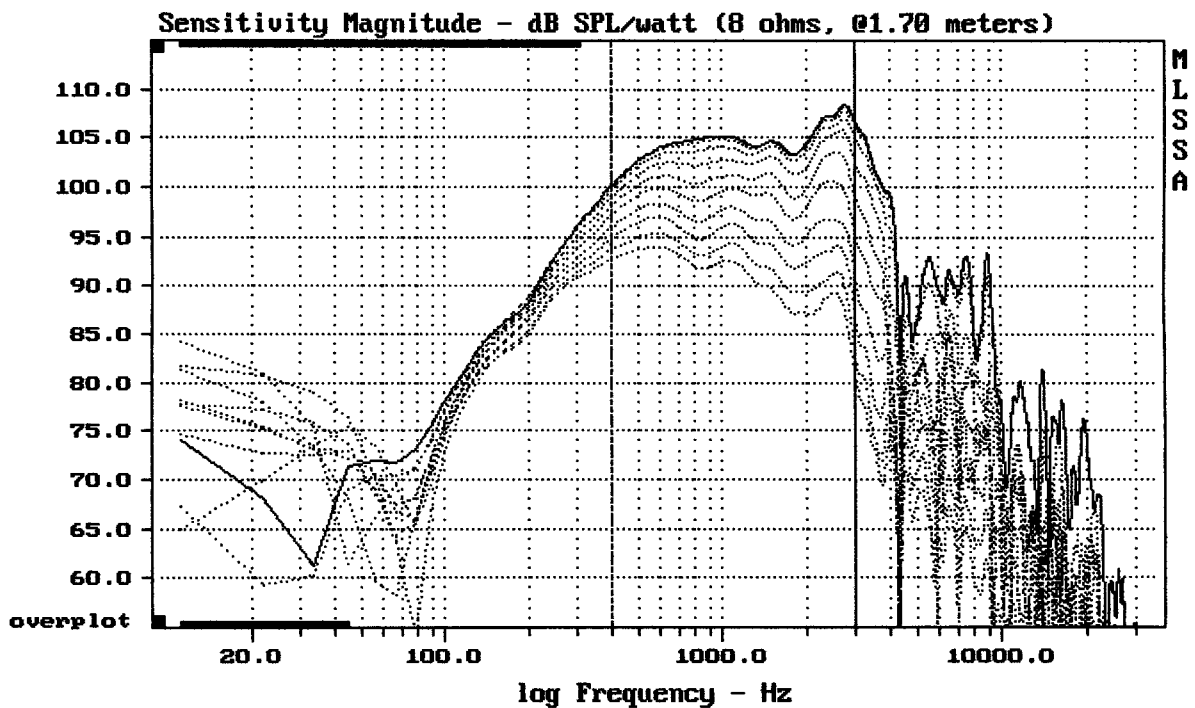
-59.48 dB, 2131 Hz (48), 1.870 msec (18)



Overlay Compare: dev= +8.3/-12, std= 4.9, avg= -23

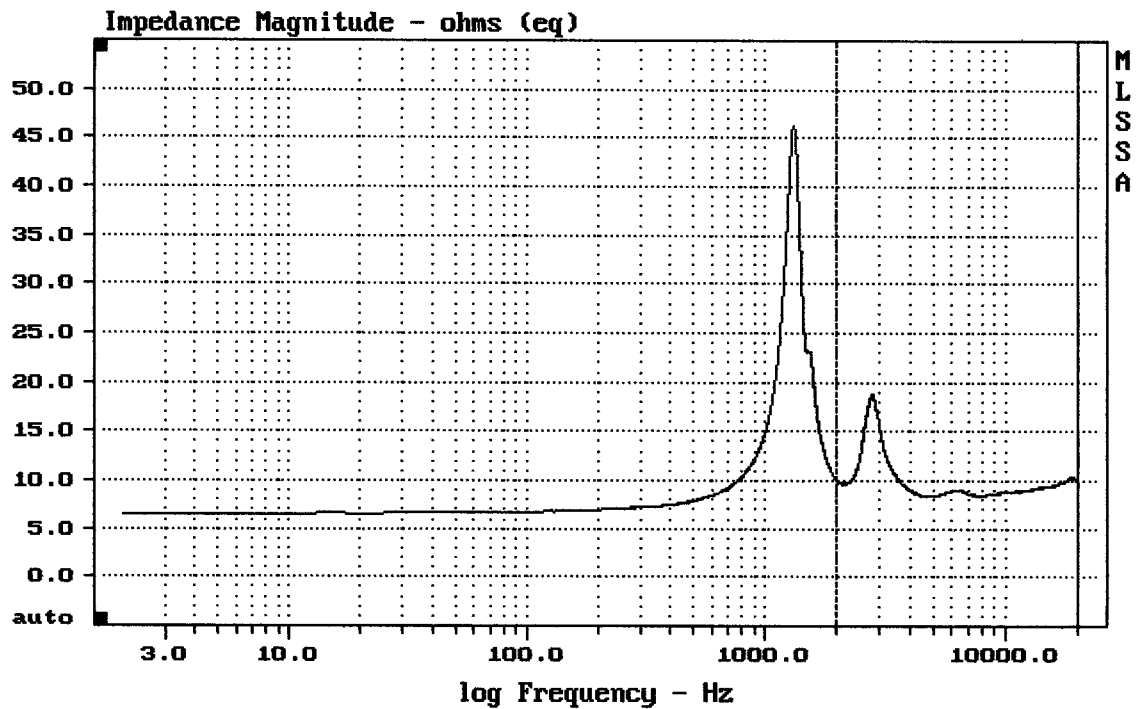
ES1.0 1"

MLSSA: Frequency Domain



Overlay Compare: dev= +8.3/-10, std= 3.9, avg= -16

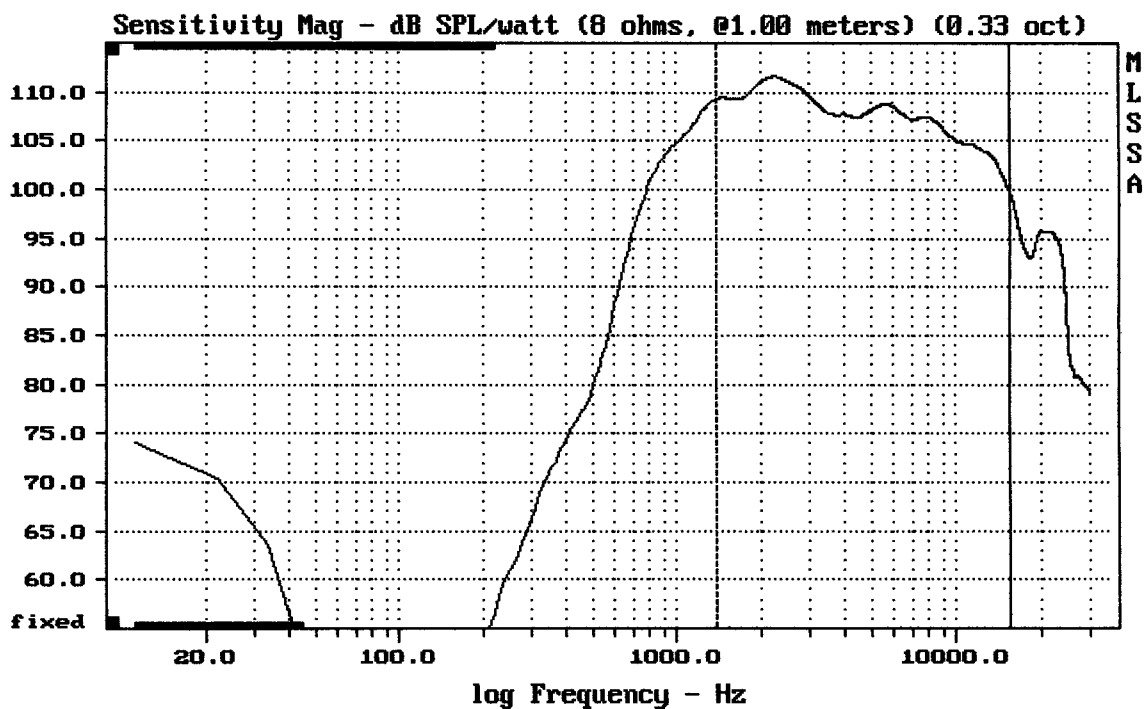
ES1.0 6"



mean: 9.526, rms: 9.642, std: 1.486, max: 18.81, min: 8.418

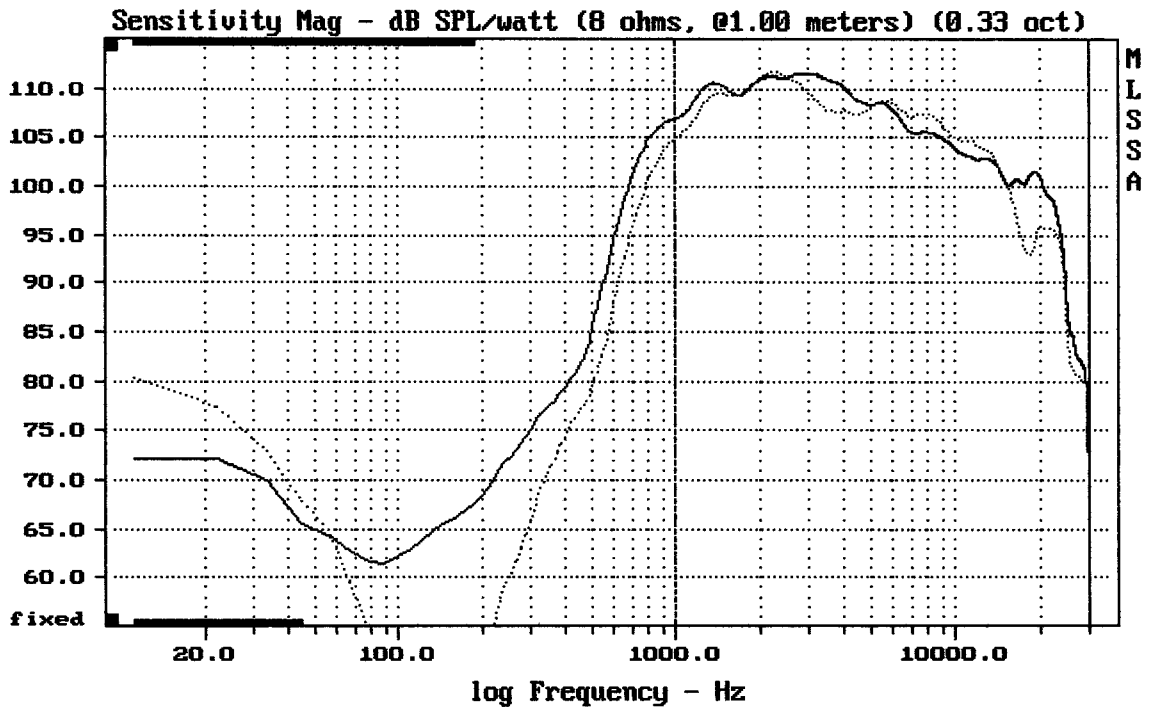
ND1080 1" FROM ES1.0

MLSSA: Frequency Domain



Level (1398:15503 Hz) = 108.43 dB SPL/watt (8 ohms, @1.00 meters) (0.33 oct)

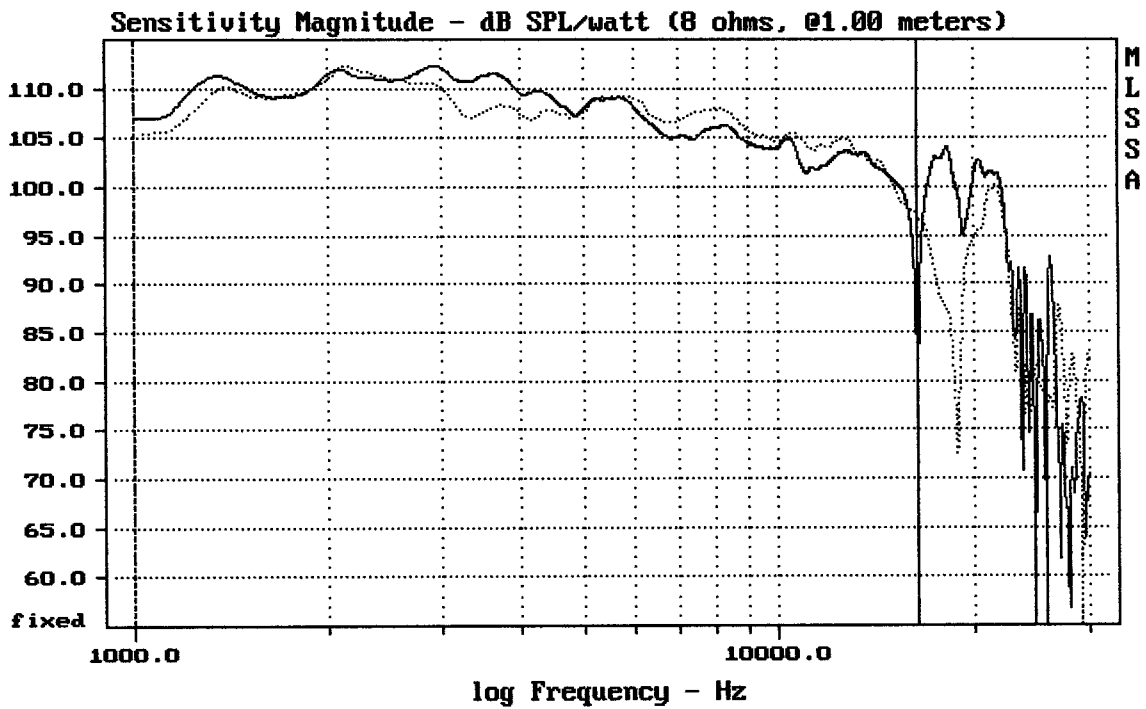
ND1080 1" FROM ES1.0



Overlay Compare: dev= +7/-9.3, std= 2.8, avg= 1.4

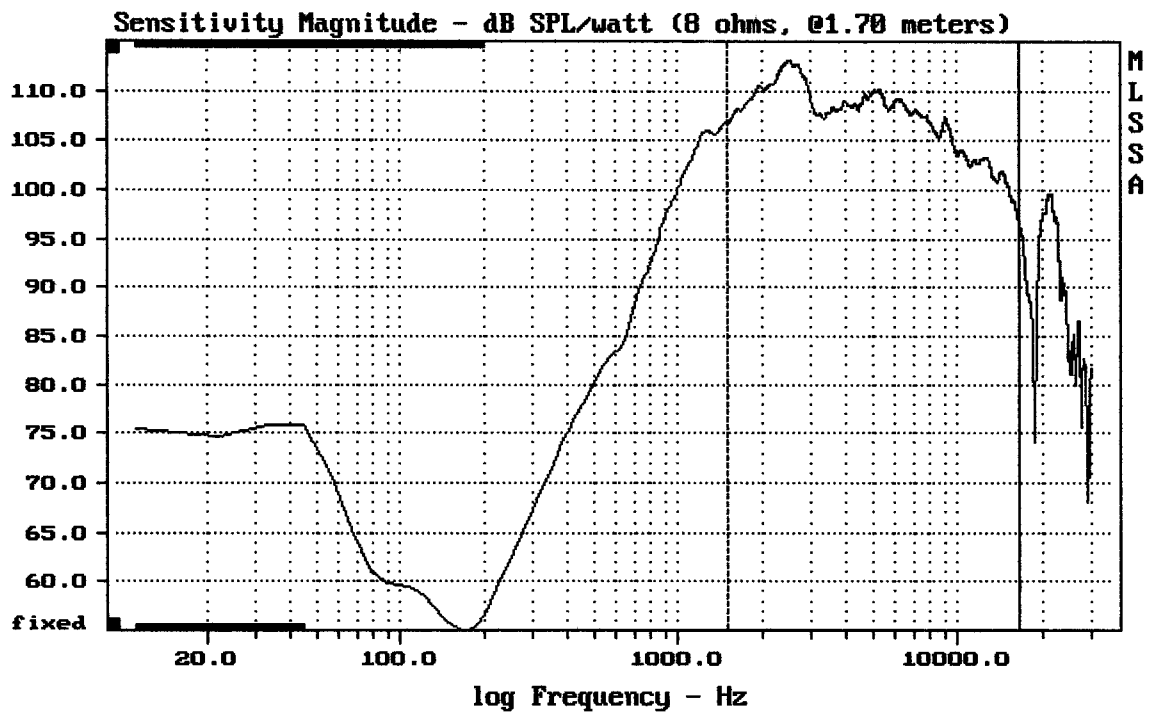
ND1080/ND1710MT3 /----

MLSSA: Frequency Domain



CURSOR: dy = 16.4904 x = 16390.7133 (1477)

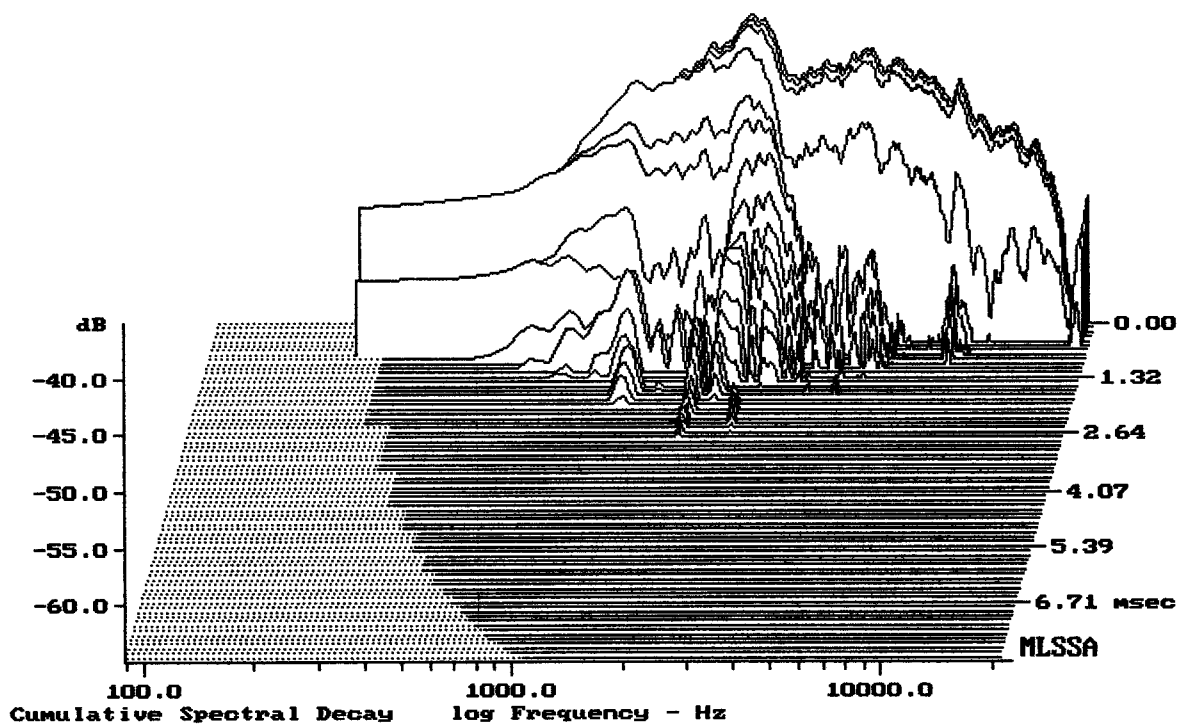
ND1080/ND1710MT3 /----



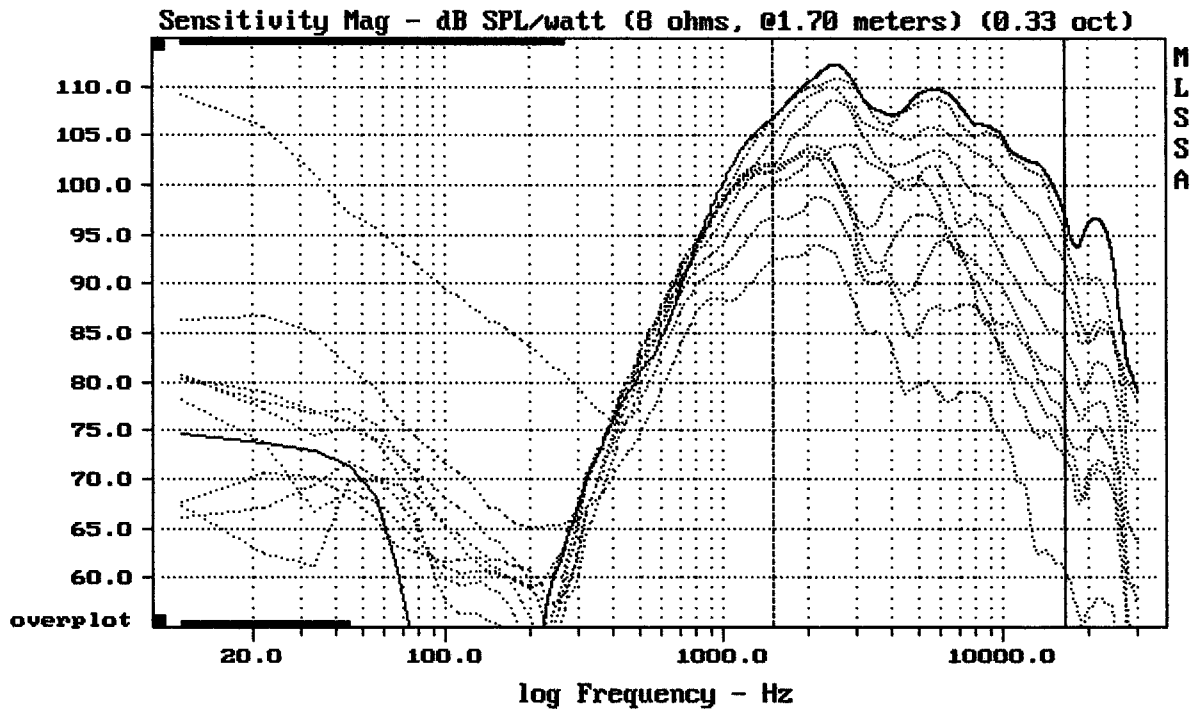
Level (1498:16502 Hz) = 108.46 dB SPL/watt (8 ohms, @1.70 meters)

ES1.0 1"

MLSSA: Frequency Domain



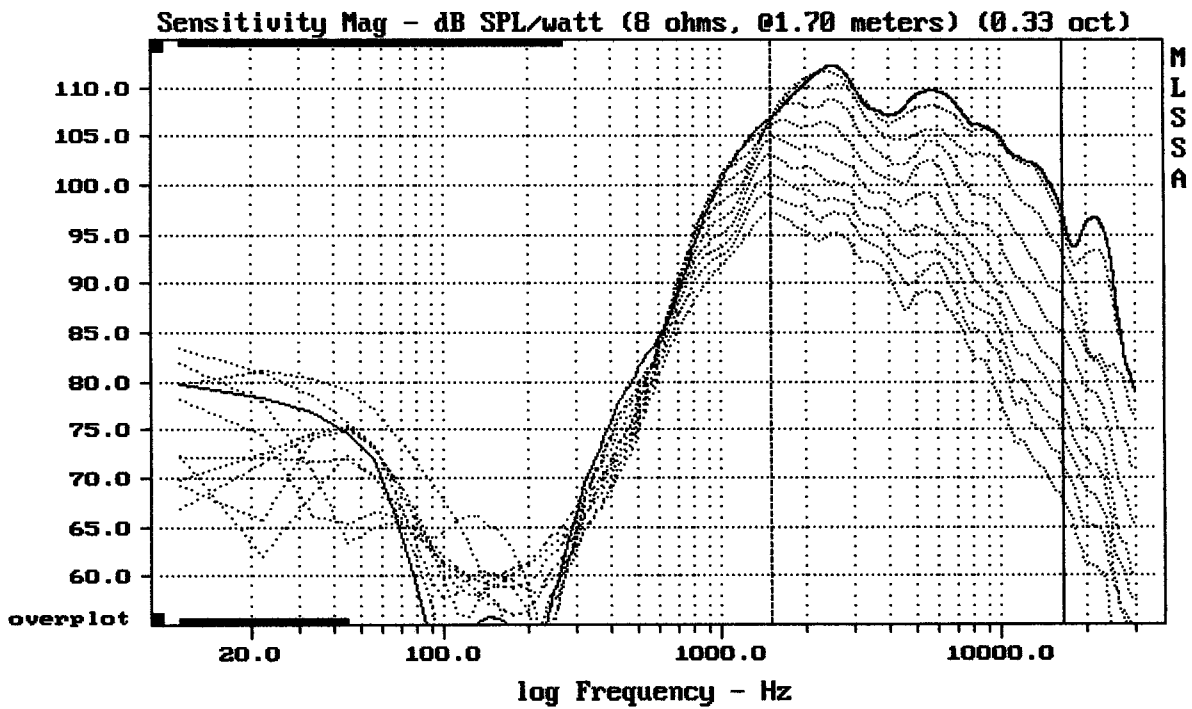
-64.09 dB, 1909 Hz (43), 2.640 msec (25)



Overlay Compare: dev= +16/-9.1, std= 6.3, avg= -31

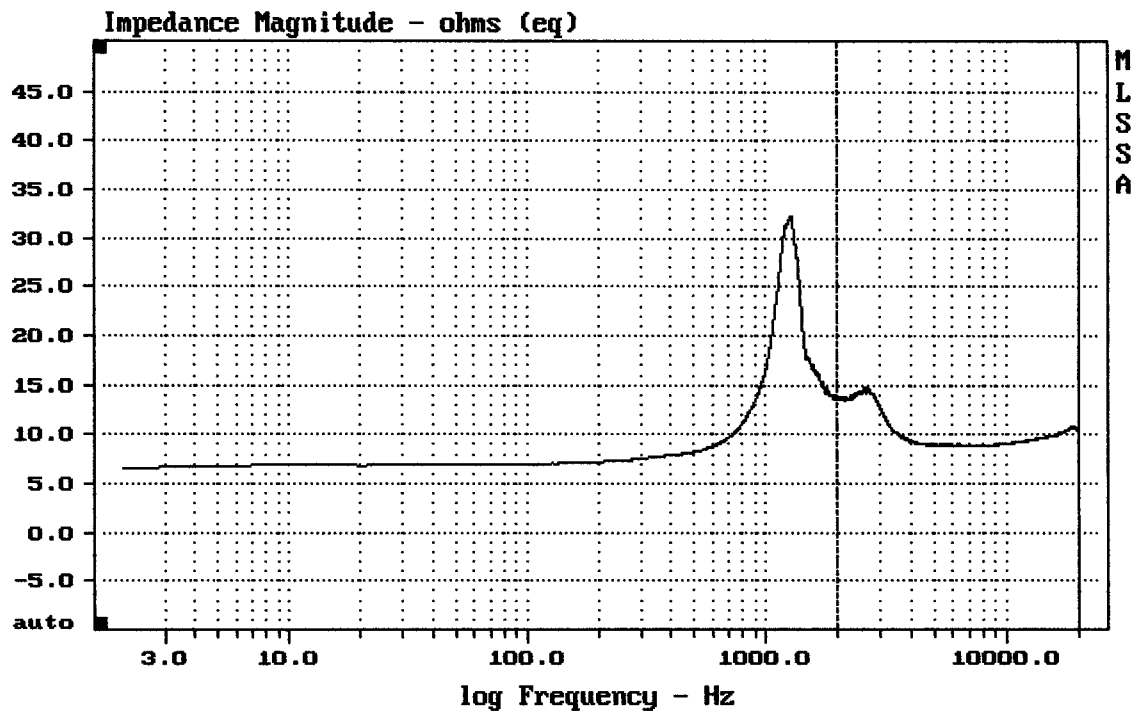
ES1.0 1"

MLSSA: Frequency Domain



Overlay Compare: dev= +15/-6.4, std= 5.4, avg= -24

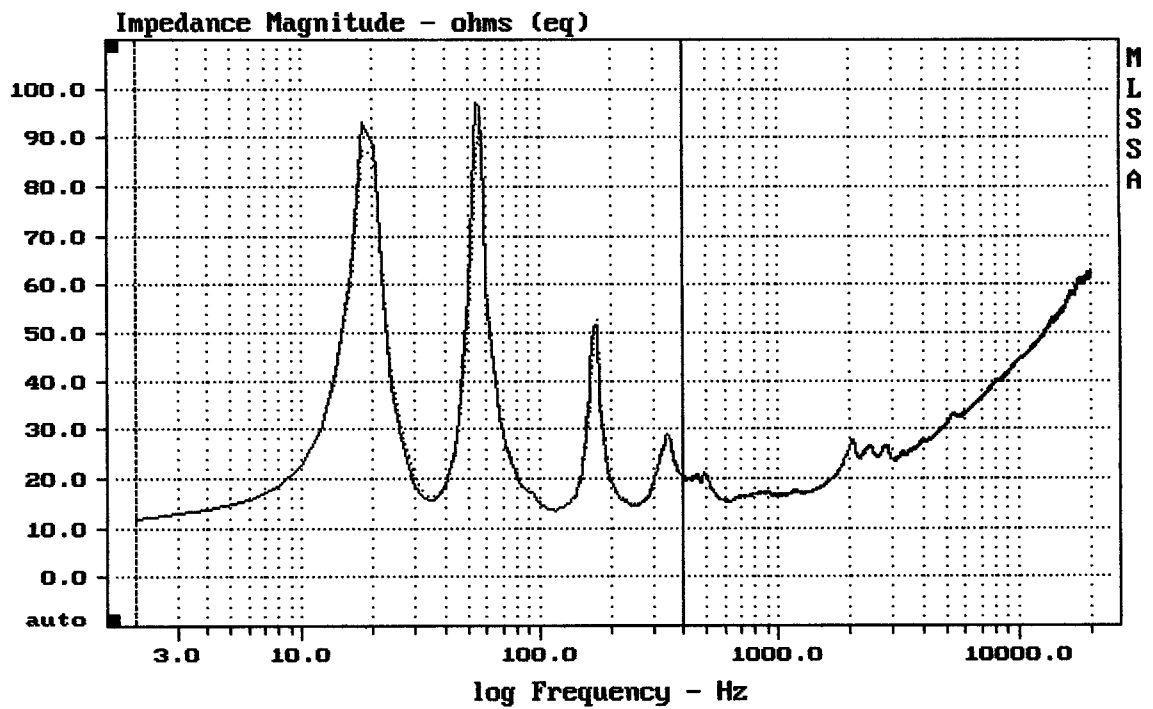
ES1.0 1"



mean: 9.838, rms: 9.909, std: 1.189, max: 14.76, min: 8.807

1" ES1.0

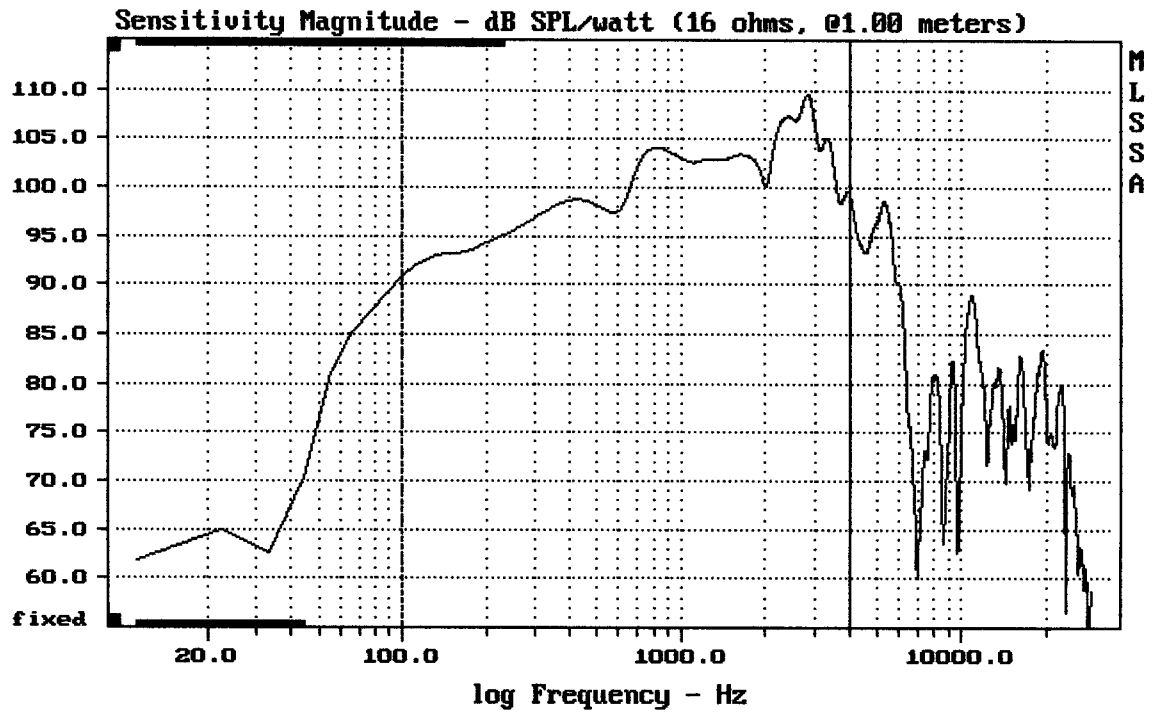
MLSSA: Frequency Domain



mean: 24.56, rms: 28.38, std: 14.22, max: 92.11, min: 11.73

1" ES1.0

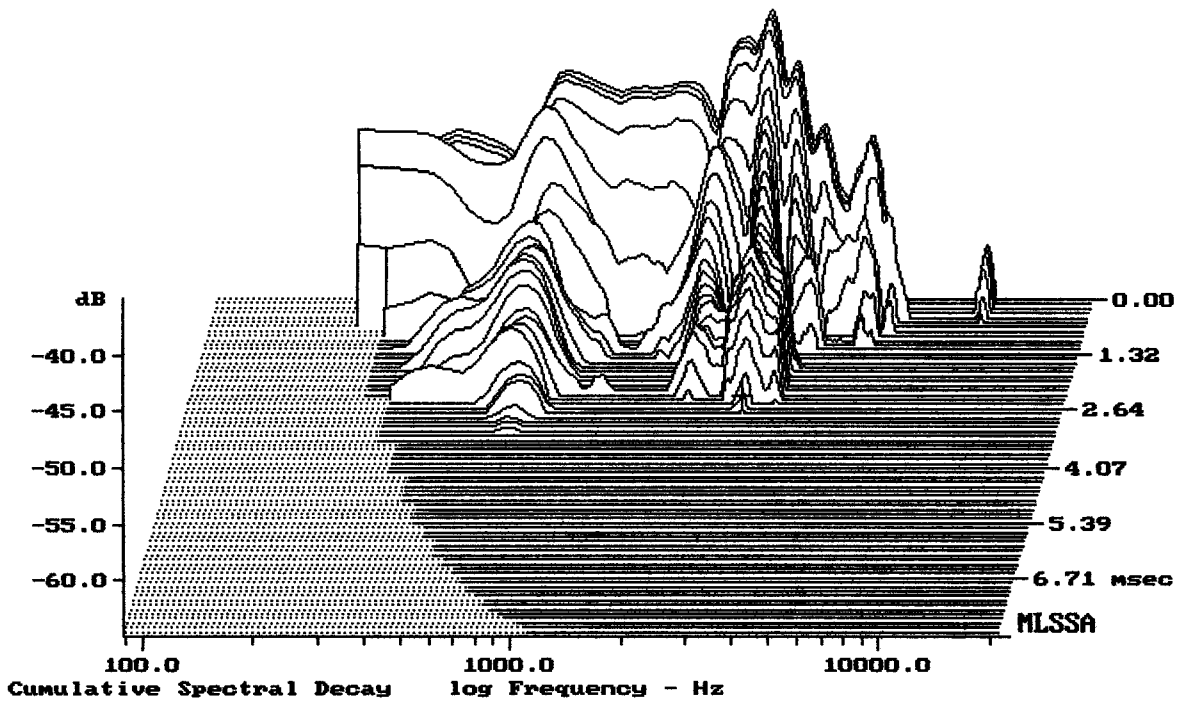
Handwritten notes:
 120



Level (100:4006 Hz) = 101.79 dB SPL/watt (16 ohms, @1.00 meters)

12ND610 FROM ES1.0

MLSSA: Frequency Domain



-63.90 dB, 2841 Hz (64), 2.640 msec (25)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	1.56	Ohms
2	Fs	44.81	Hz
3	Re	10.87	Ohms[dc]
4	Res	188.47	Ohms
5	Qms	3.37	
6	Qes	0.19	
7	Qts	0.18	
8	L1	0.23	mH
9	L2	1.89	mH
10	R2	10.99	Ohms
11	RMSE-load	2.57	Ohms
12	Vas(Sd)	106.01	liters
13	Mms	43.60	grams
14	Cms	289	$\mu\text{M}/\text{Newton}$
15	B1	26.18	Tesla-M
16	SPLref(Sd)	98.7	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (60.00 grams)

Area (Sd): 510.71 sq cm

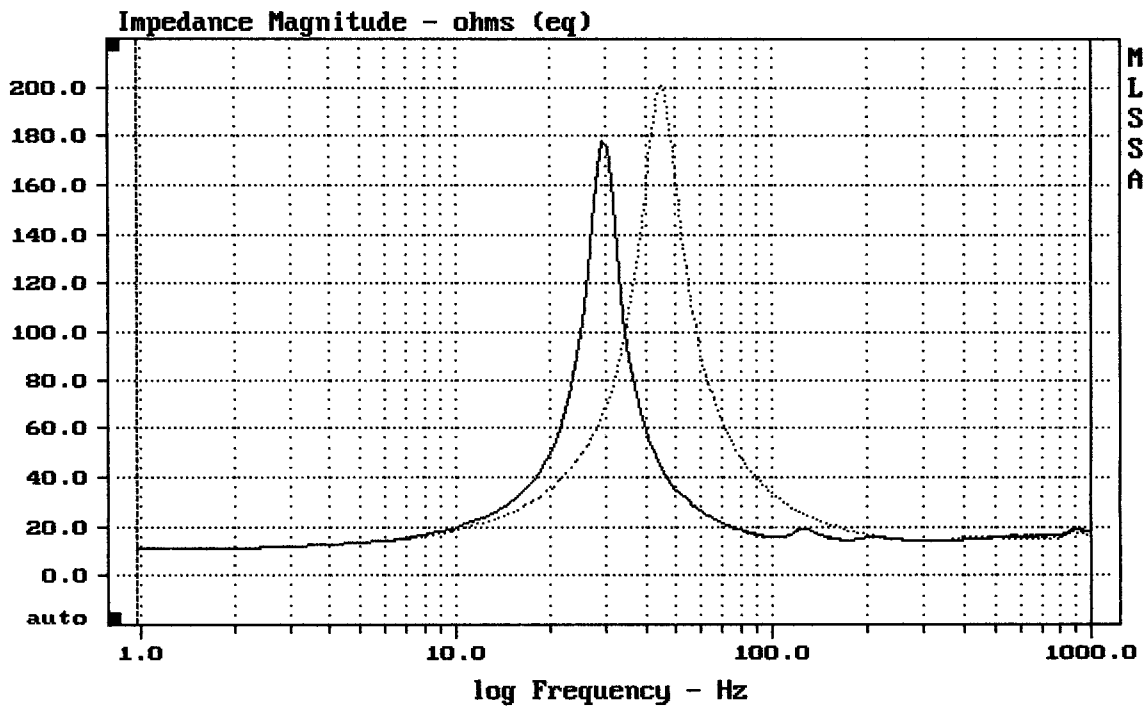
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -34.4% (-20% to -50% is recommended).

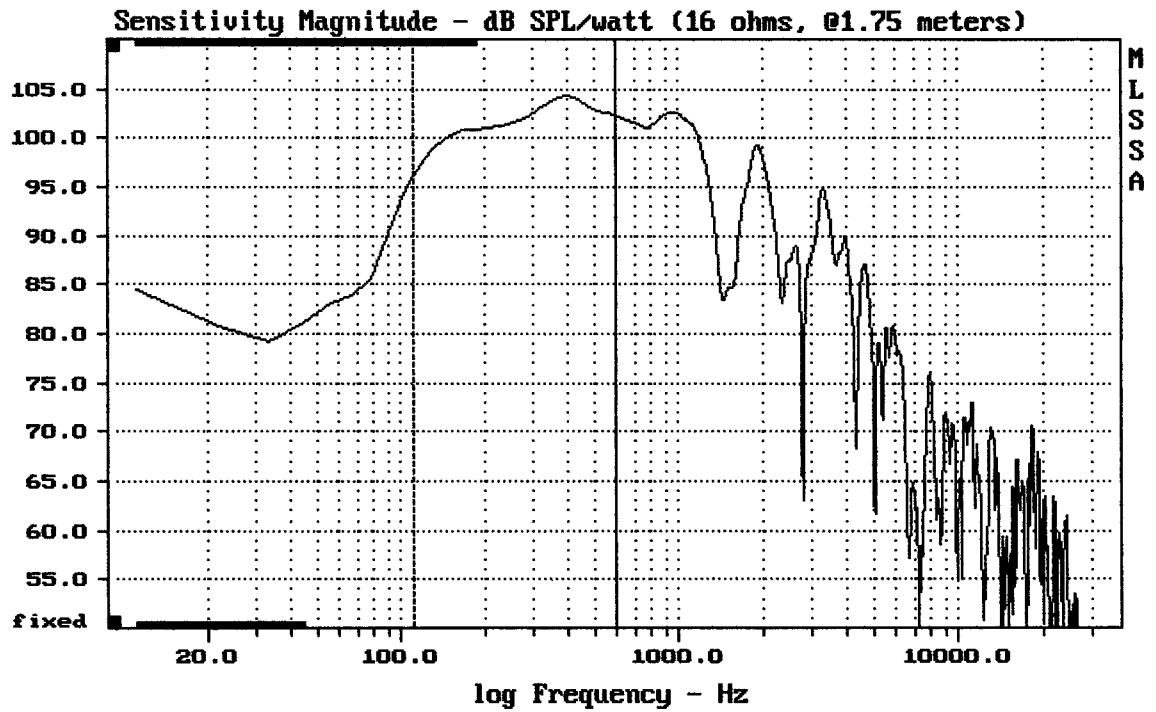
12ND610 12" FROM ES1.0

MLSSA: Parameters



mean: 21.83, rms: 31.78, std: 23.09, max: 200.7, min: 11.18

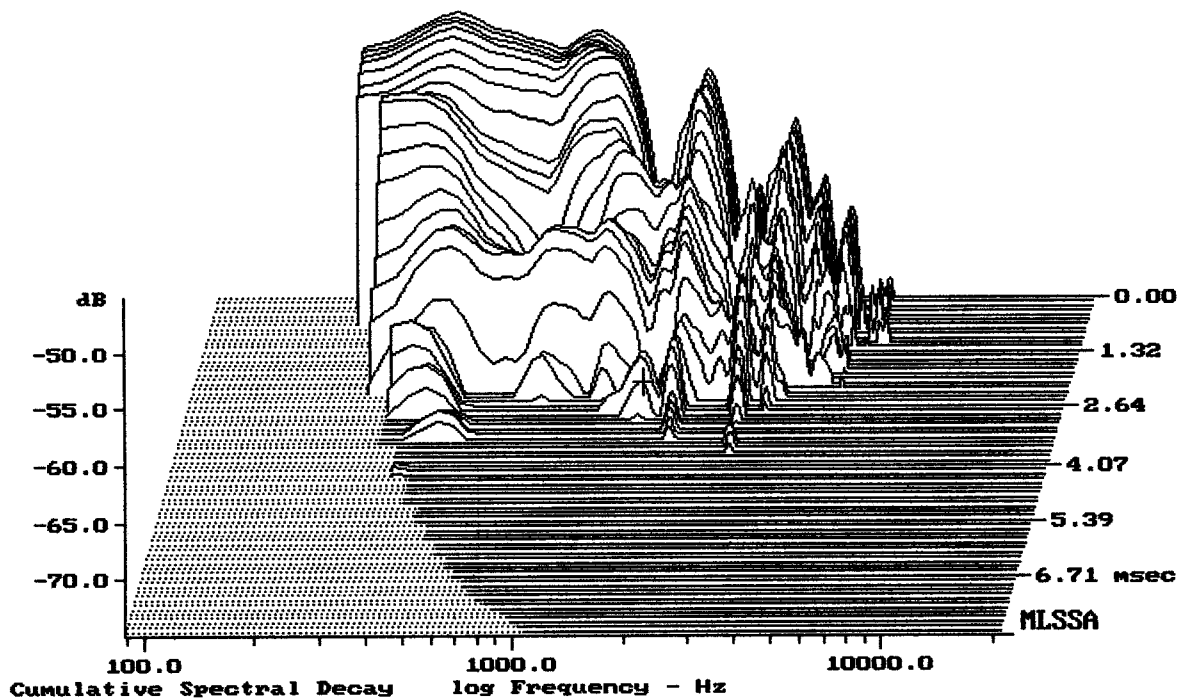
MLSSA: Frequency Domain



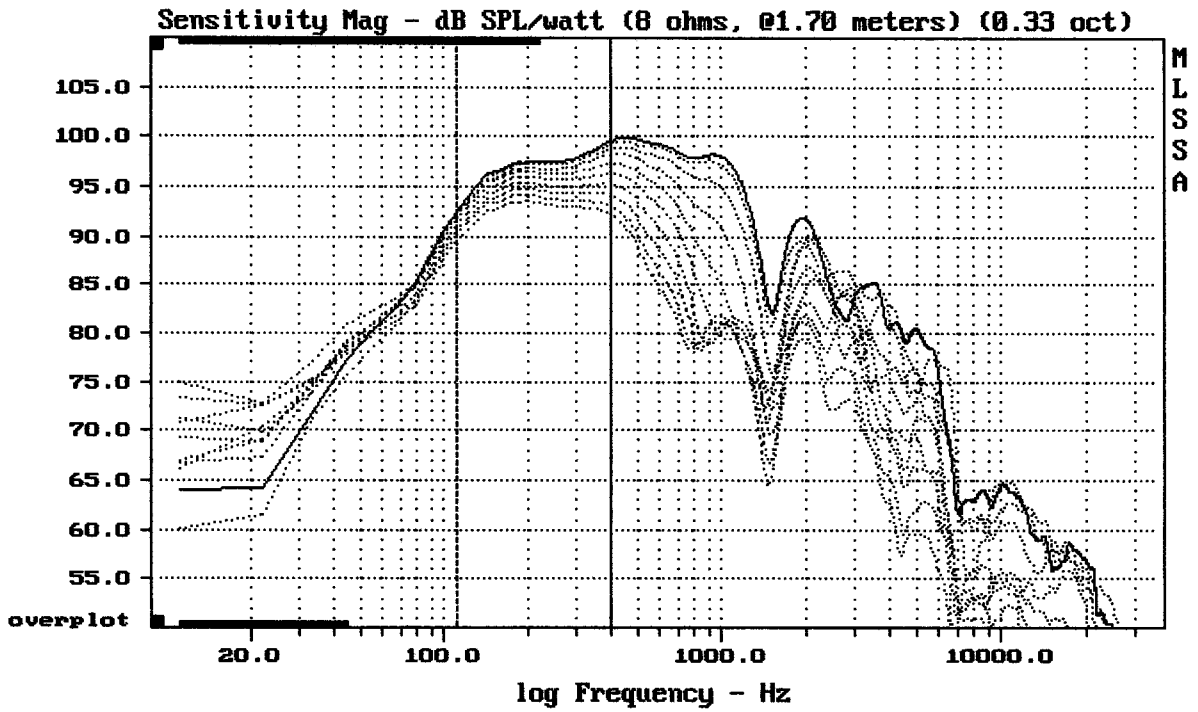
Level (111:599 Hz) = 101.90 dB SPL/watt (16 ohms, @1.75 meters)

ES1.0 12"

MLSSA: Frequency Domain



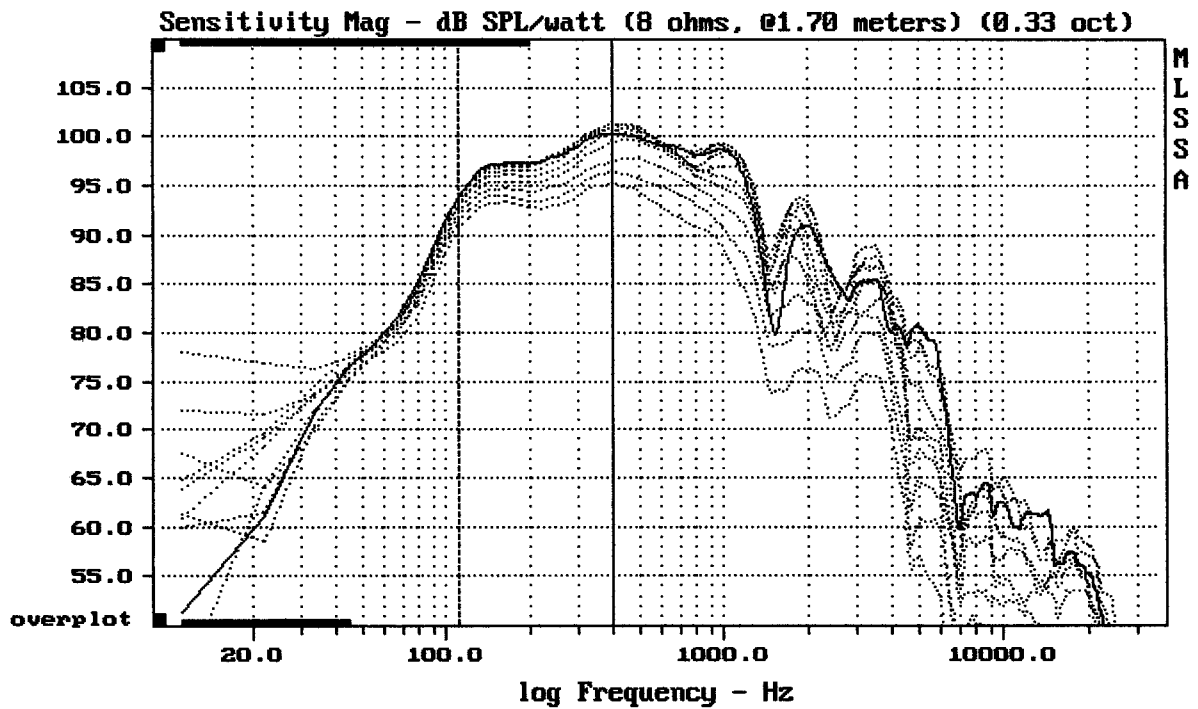
-72.10 dB, 1554 Hz (35), 2.860 msec (27)



Overlay Compare: dev= +1.7/-2.4, std= 1.1, avg= -4.7

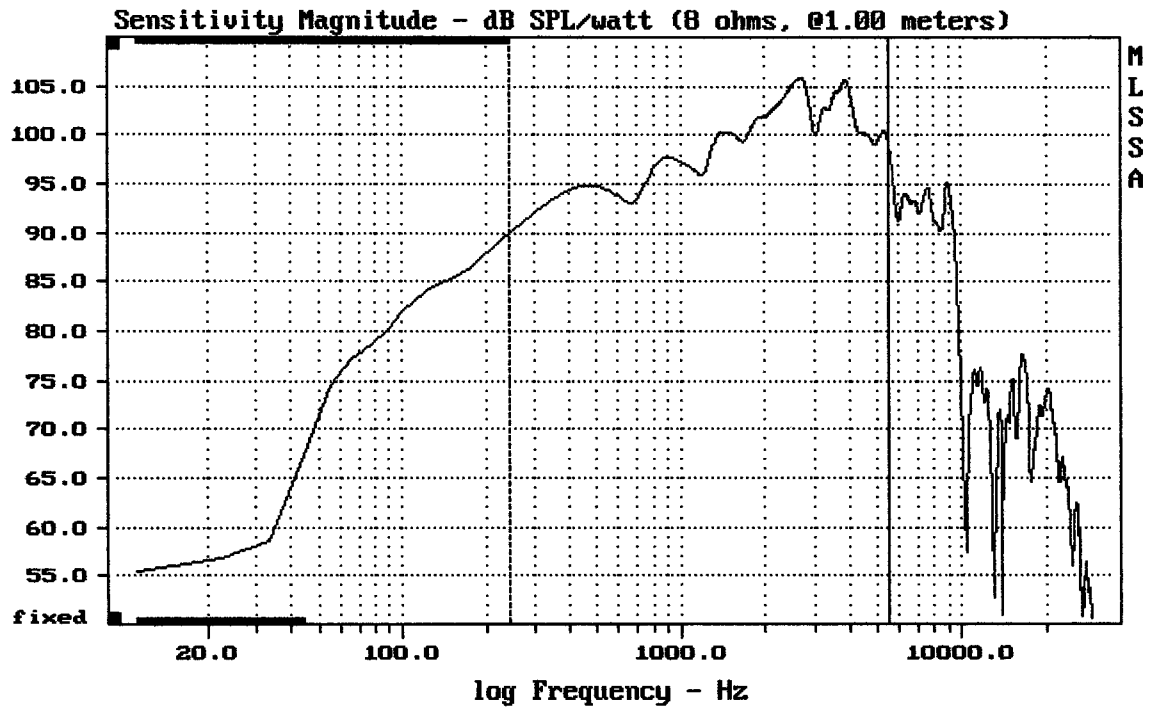
ES1.0 12"

MLSSA: Frequency Domain



Overlay Compare: dev= +1.3/-0.5, std= 0.58, avg= -4.6

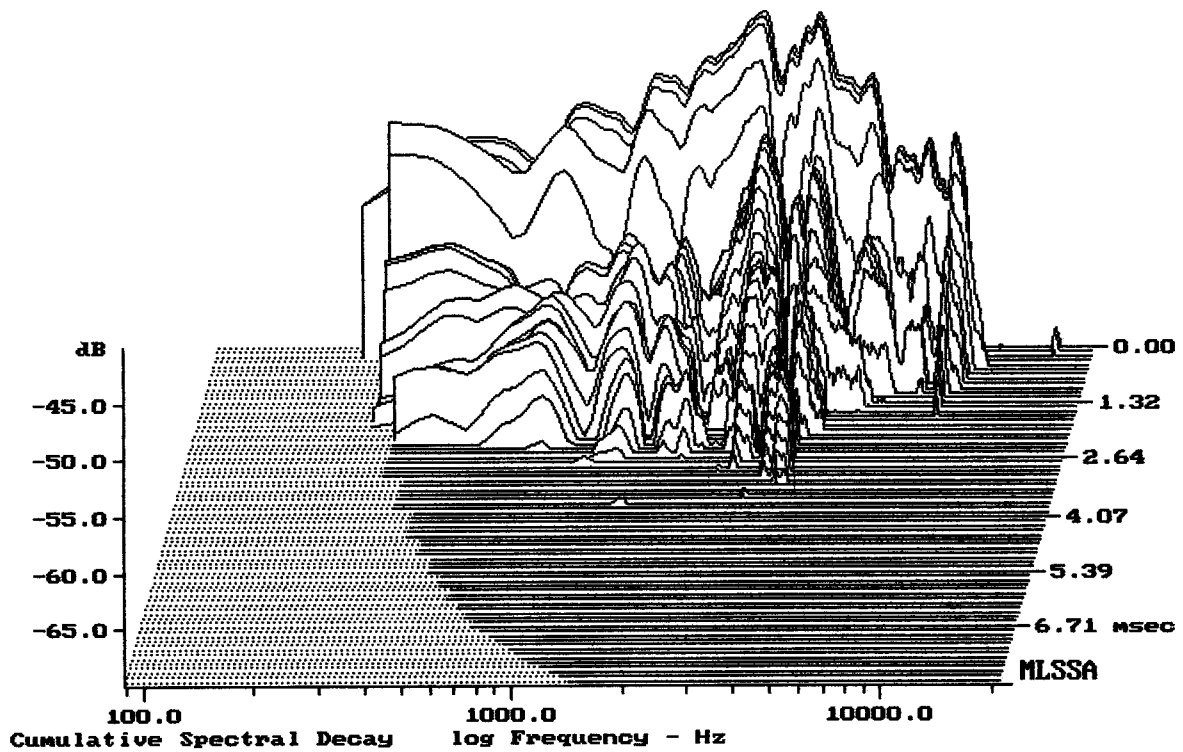
ES1.0 12"



Storing FFT data

6ND410 6" FROM ES1.0

MLSSA: Frequency Domain



-69.06 dB, 3640 Hz (82), 3.190 msec (30)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	2.16	Ohms
2	Fs	180.87	Hz
3	Re	5.70	Ohms[dc]
4	Res	35.08	Ohms
5	Qms	3.03	
6	Qes	0.49	
7	Qts	0.42	
8	L1	0.12	mH
9	L2	0.17	mH
10	R2	9.67	Ohms
11	RMSE-load	2.96	Ohms
12	Vas(Sd)	3.29	liters
13	Mms	5.82	grams
14	Cms	133	$\mu\text{M}/\text{Newton}$
15	B1	8.74	Tesla-M
16	SPLref(Sd)	97.8	dB[Re]
17	Rub-index	0.06	

Method: Mass-loaded (10.00 grams)

Area (Sd): 132.73 sq cm

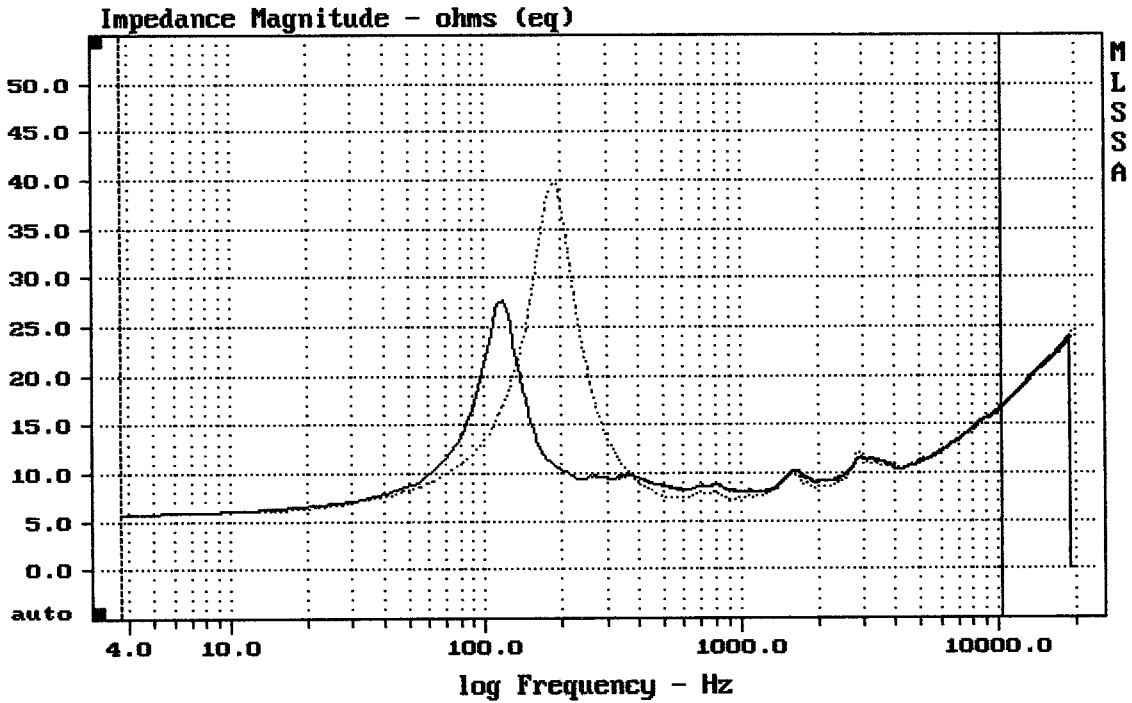
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -38.5% (-20% to -50% is recommended).

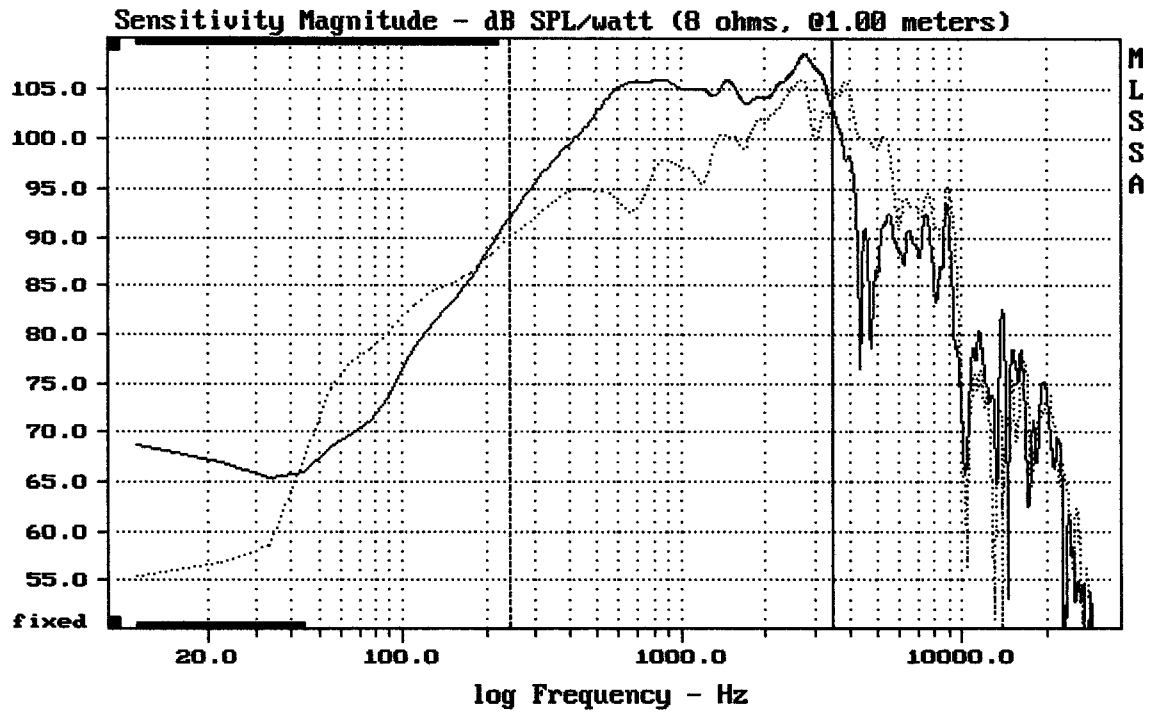
6ND410 6" FROM ES1.0

MLSSA: Parameters



mean: 12.28, rms: 12.75, std: 3.417, max: 39.79, min: 5.778

MLSSA: Frequency Domain

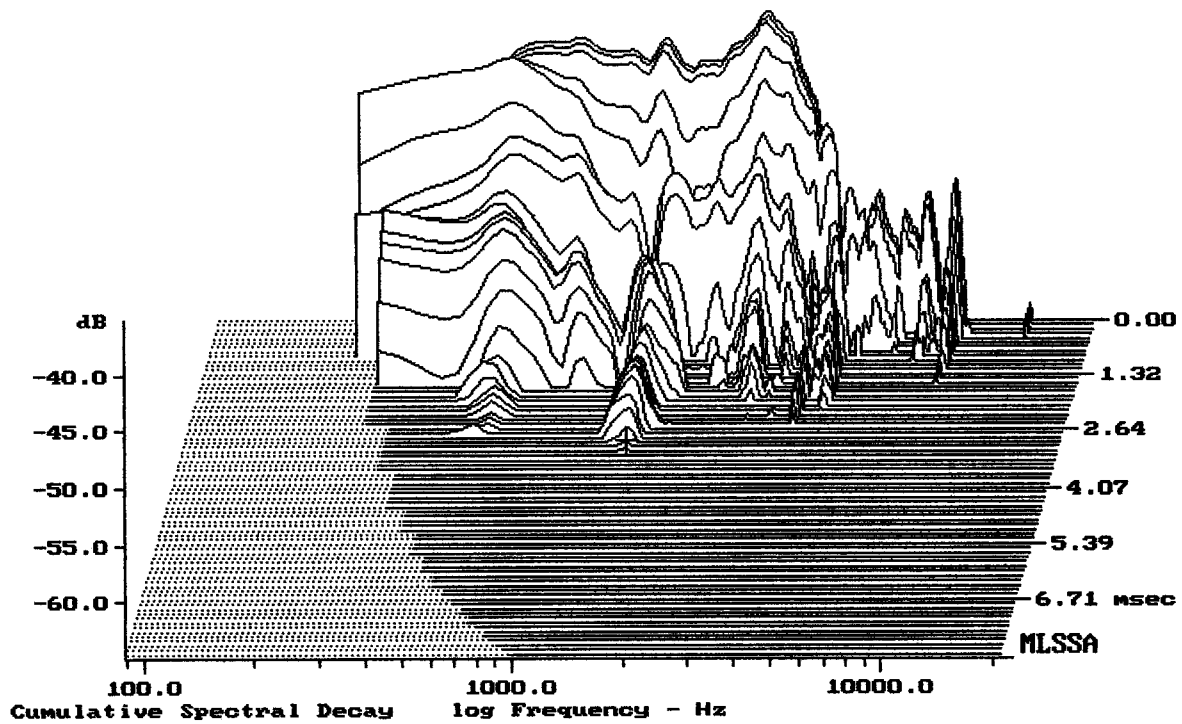


Overlay Compare: dev= +8.1/-5.5, std= 3, avg= 4.9

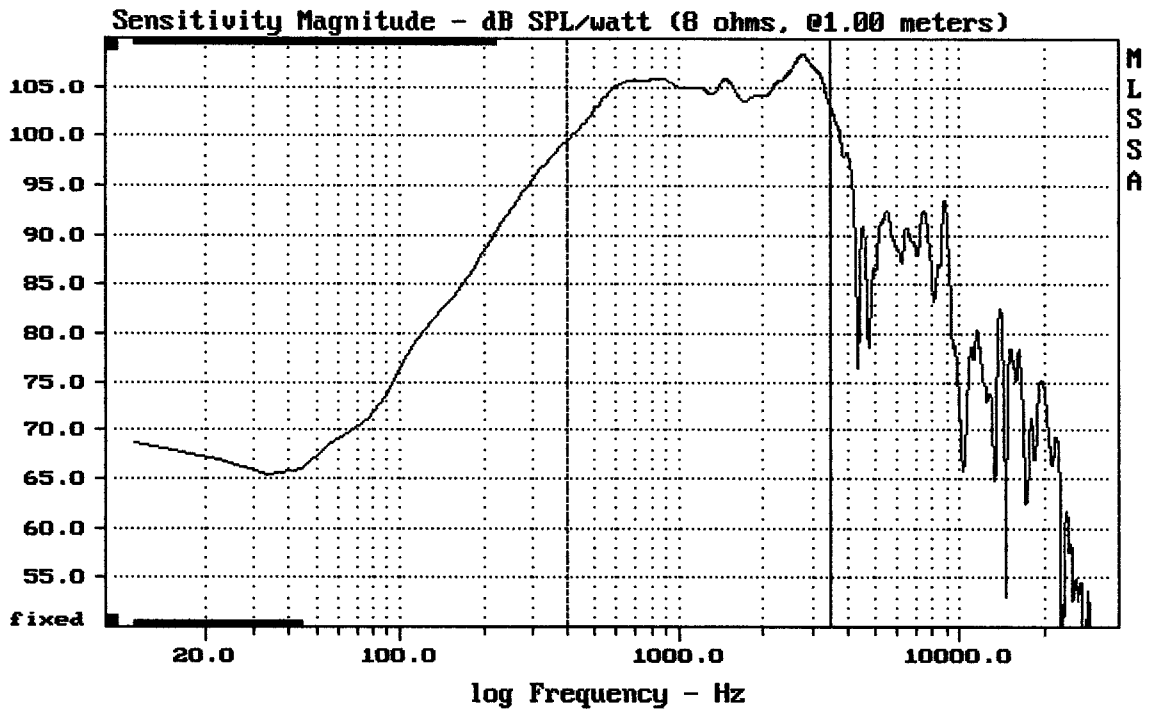
6ND410 6" FROM ES1.0

4-21-85 1:52 PM

MLSSA: Frequency Domain



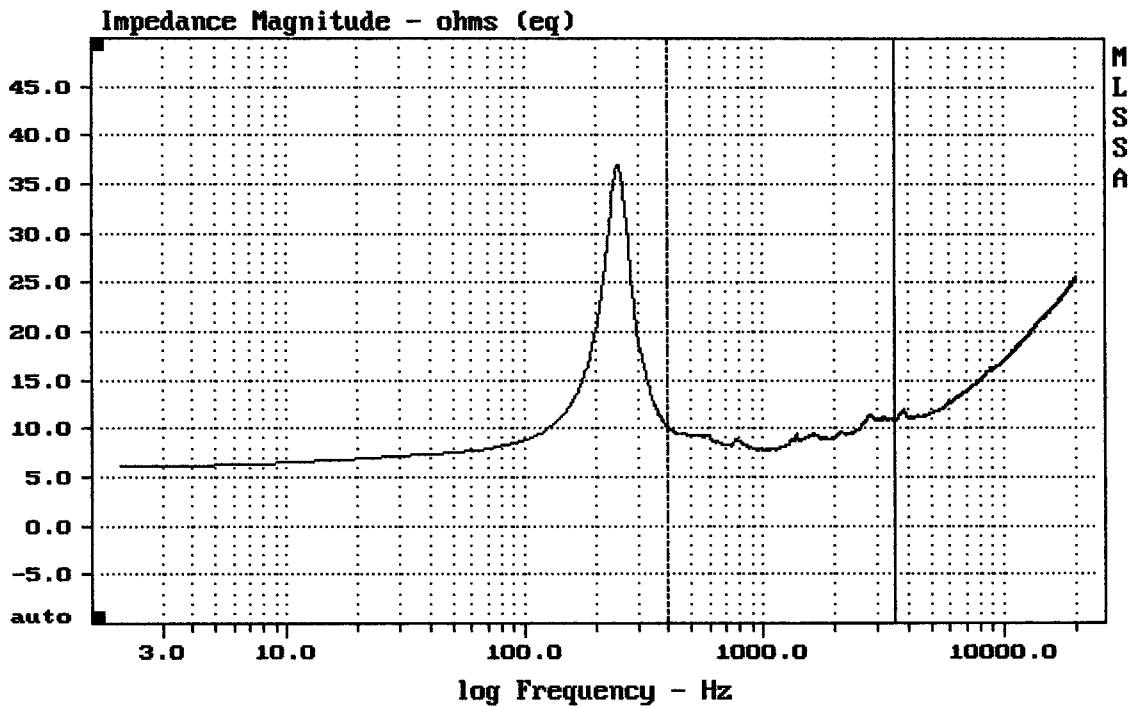
-64.46 dB, 1420 Hz (32), 3.000 msec (29)



Level (400:3496 Hz) = 105.14 dB SPL/watt (8 ohms, @1.00 meters)

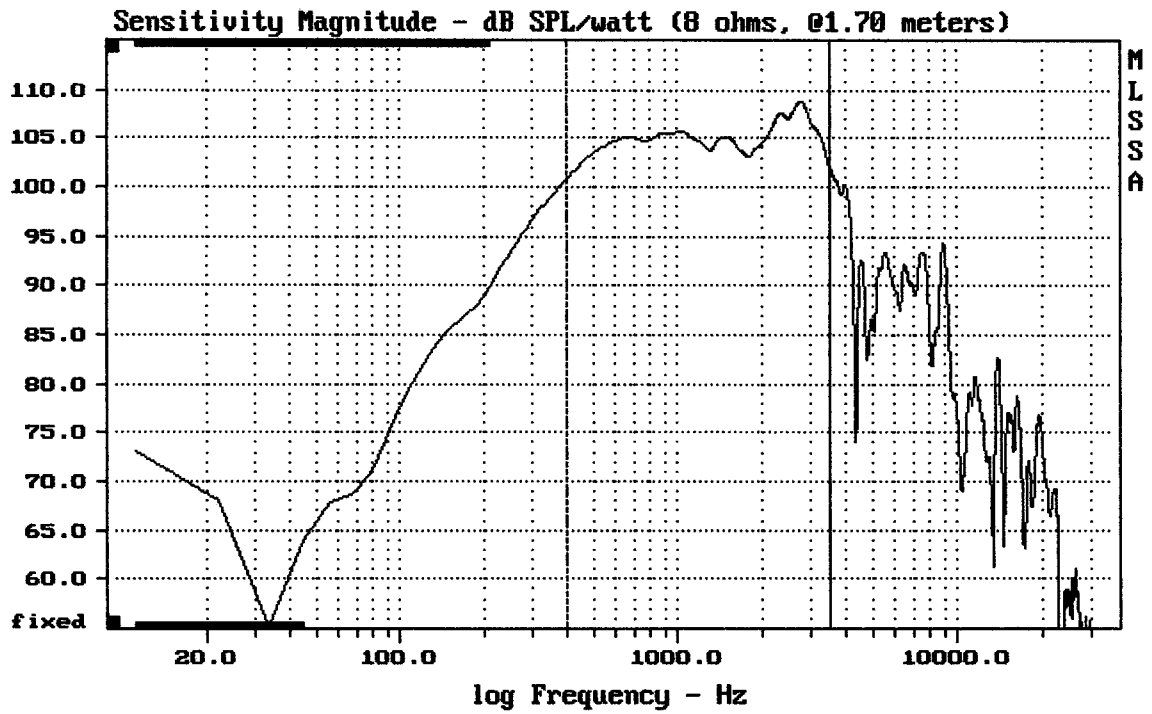
6ND410 6" FROM ES1.0

MLSSA: Frequency Domain



mean: 9.551, rms: 9.61, std: 1.068, max: 11.43, min: 7.75

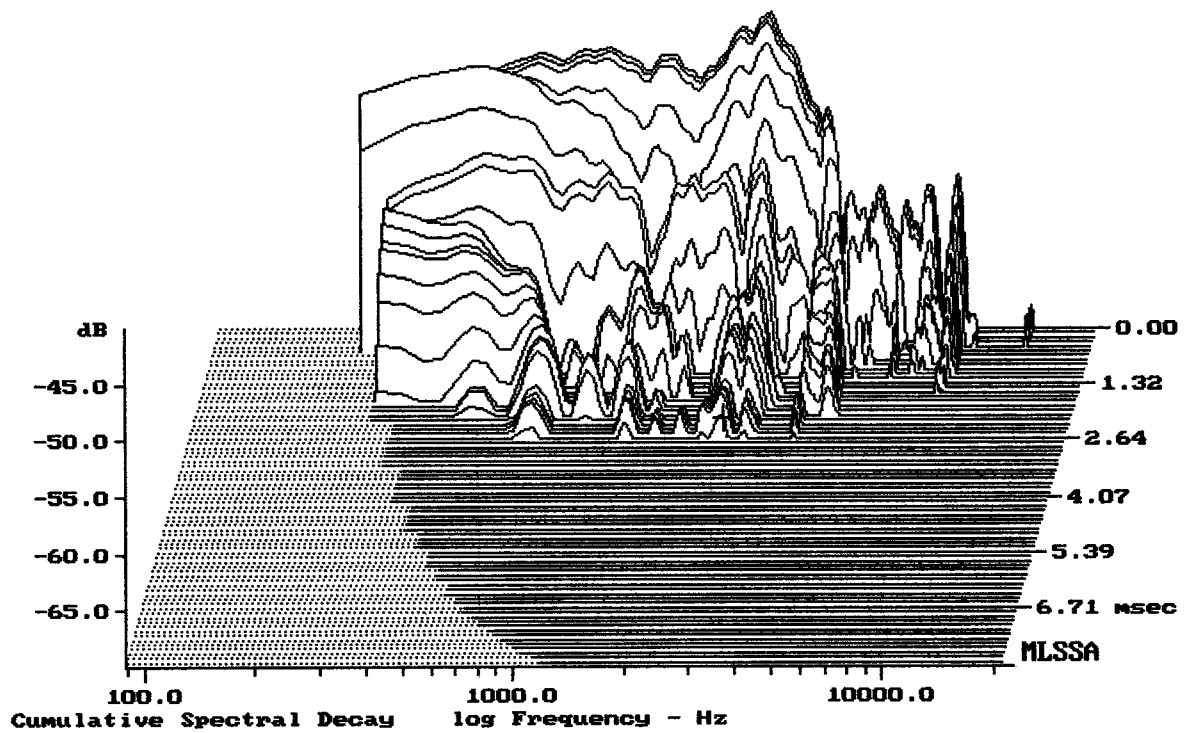
6ND410 6" FROM ES1.0



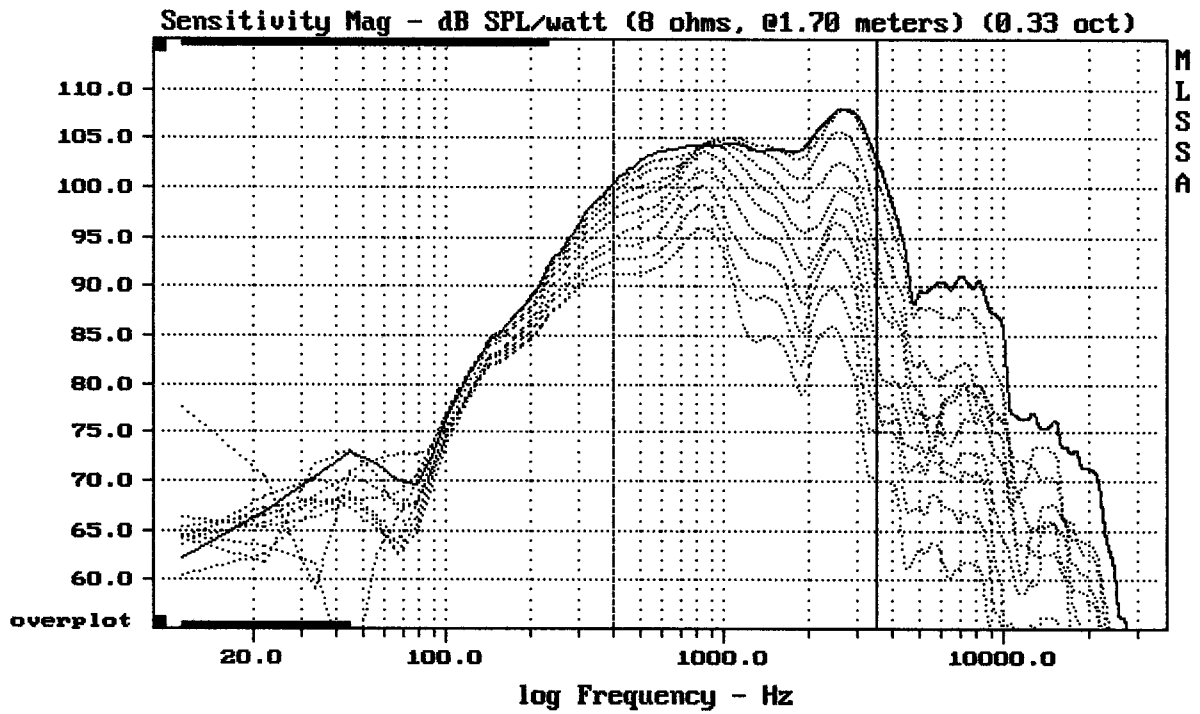
Level (400:3507 Hz) = 105.16 dB SPL/watt (8 ohms, @1.70 meters)

ES1.0 6"

MLSSA: Frequency Domain



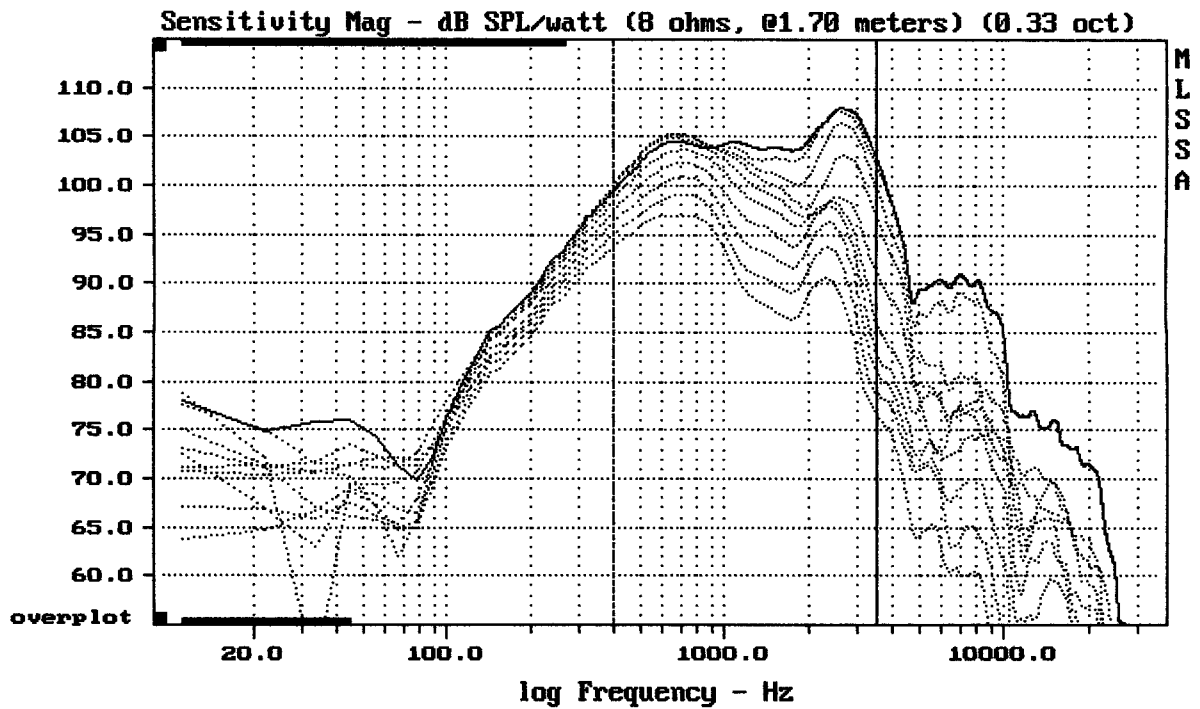
-68.17 dB, 2486 Hz (56), 2.640 msec (25)



Overlay Compare: dev= +13/-13, std= 7.3, avg= -21

ES1.0 6"

MLSSA: Frequency Domain



Overlay Compare: dev= +11/-10, std= 6.1, avg= -17

ES1.0 6"