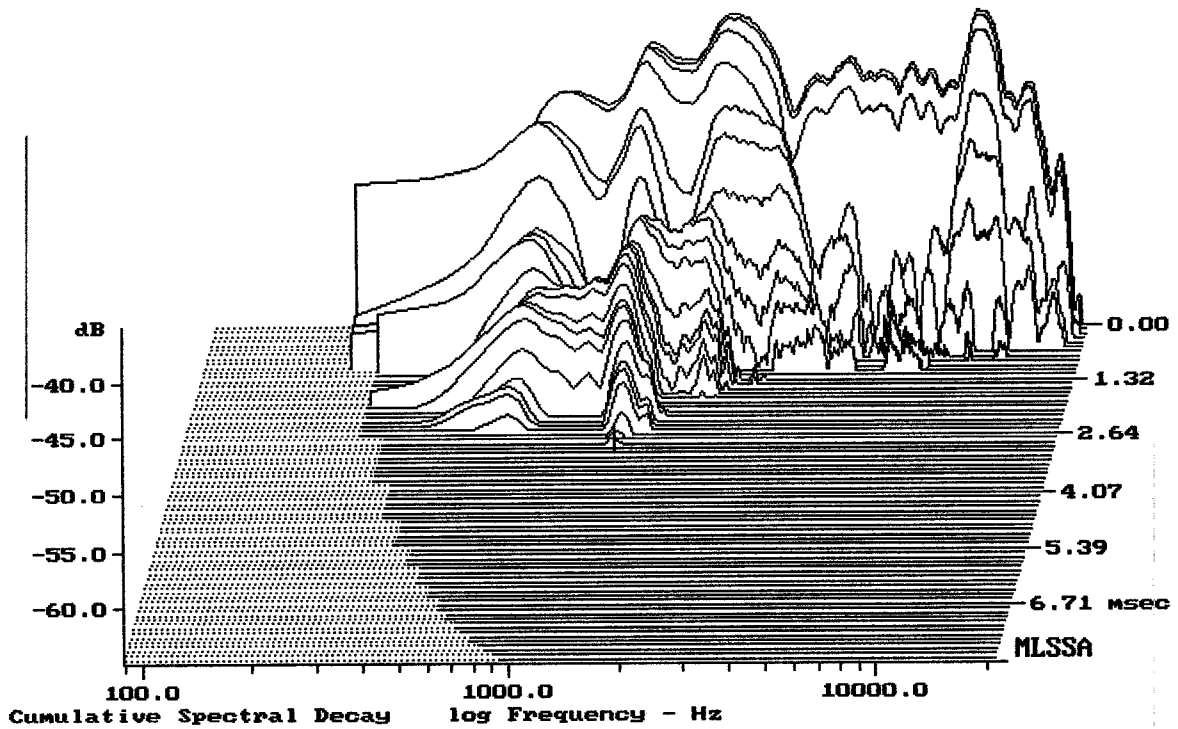


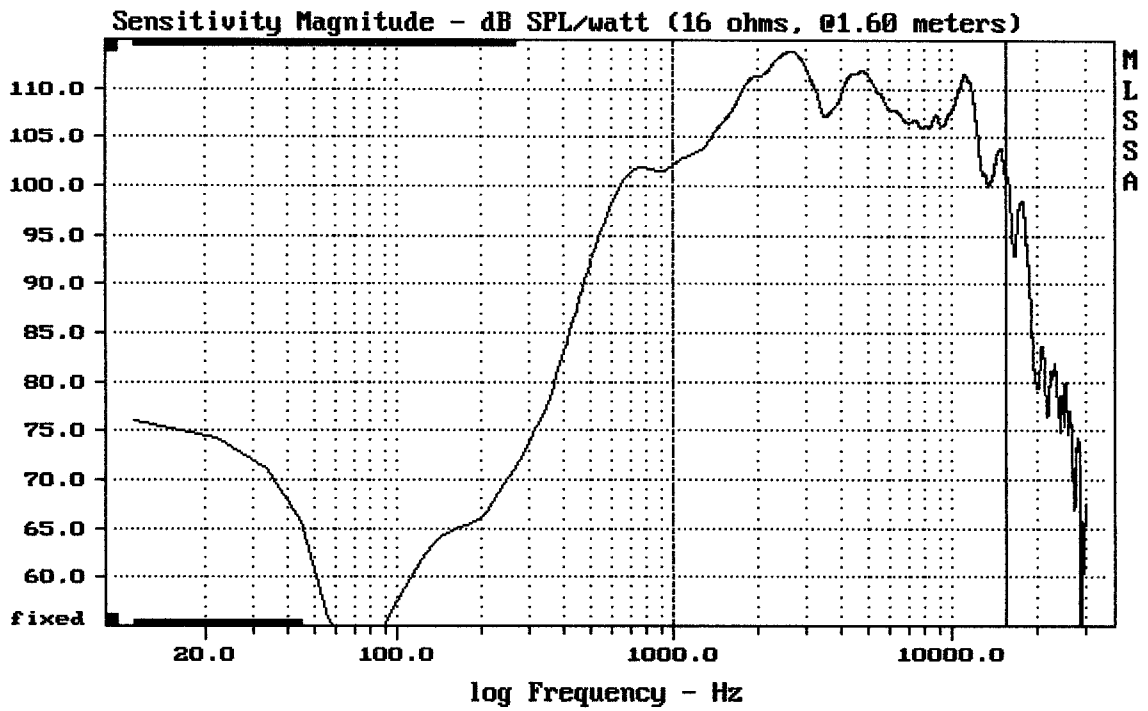
Level (999:15603 Hz) = 107.95 dB SPL/watt (16 ohms, @1.00 meters)

CD145/16ohm FROM R4E + A7570

MLSSA: Frequency Domain



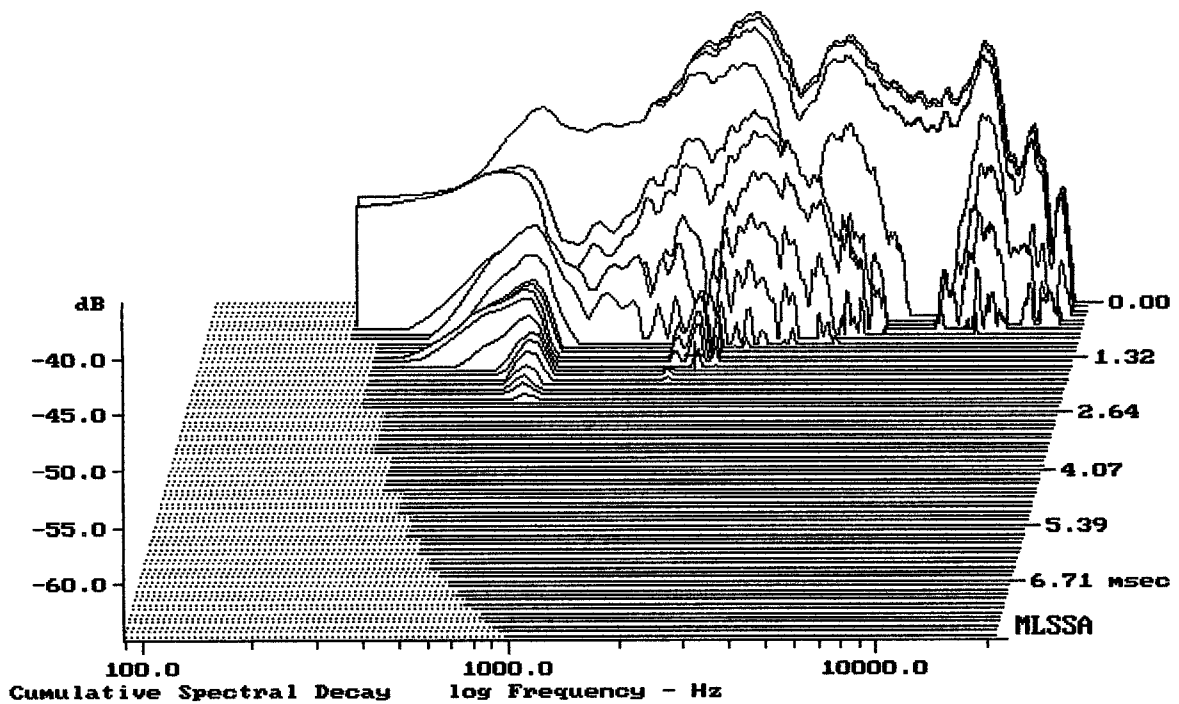
-64.52 dB, 1332 Hz (30), 2.860 msec (27)



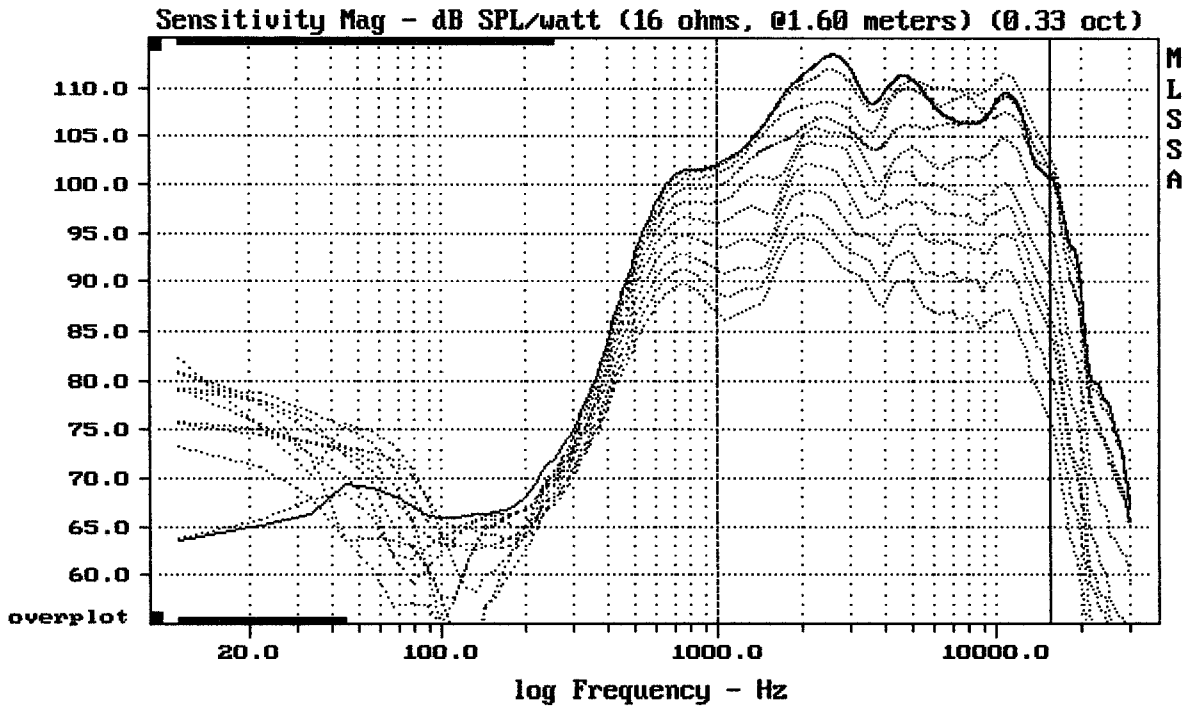
Level (999:15503 Hz) = 109.31 dB SPL/watt (16 ohms, @1.60 meters)

FUNKTION ONE R4E

MLSSA: Frequency Domain



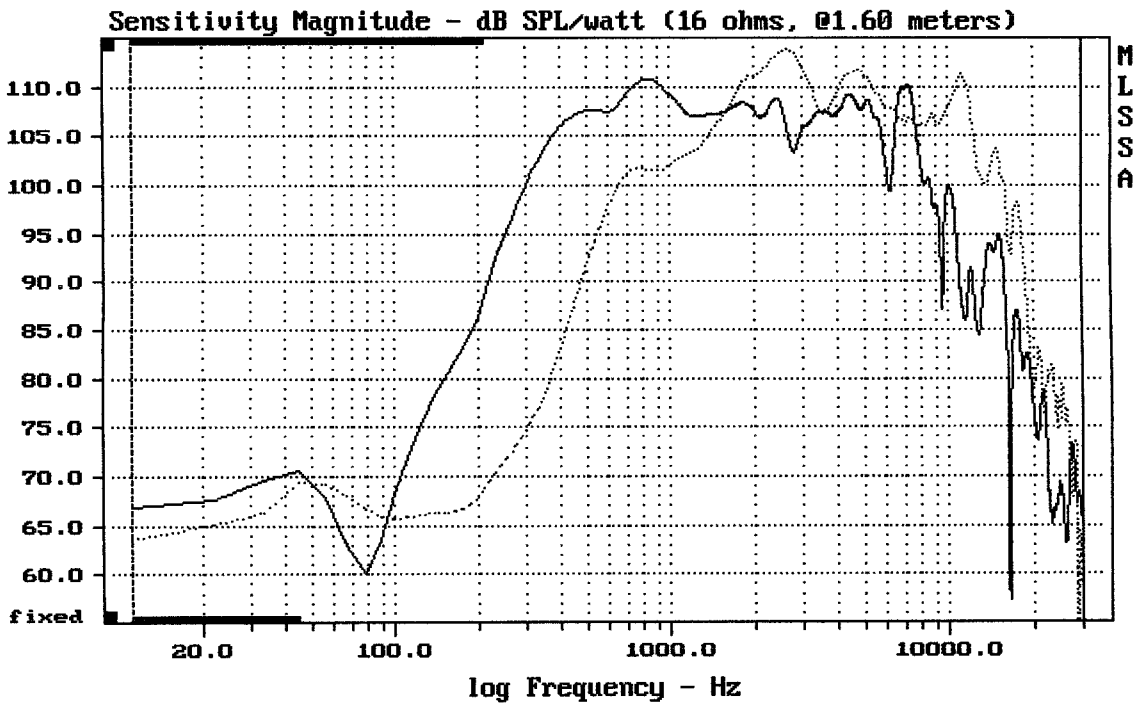
-63.99 dB, 1998 Hz (45), 1.540 msec (15)



Overlay Compare: dev= +5.9/-3.6, std= 1.9, avg= -21

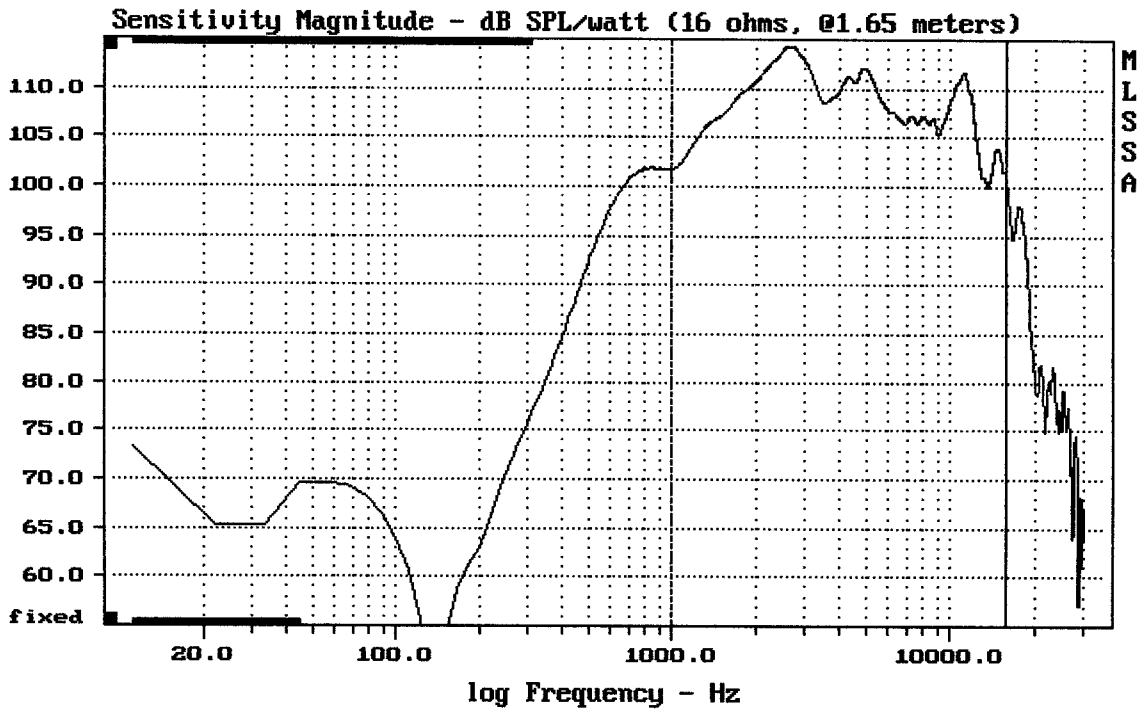
FUNKTION ONE R4E

MLSSA: Frequency Domain



CURSOR: dy = 2.31988 x = 30007.1014 (2704)

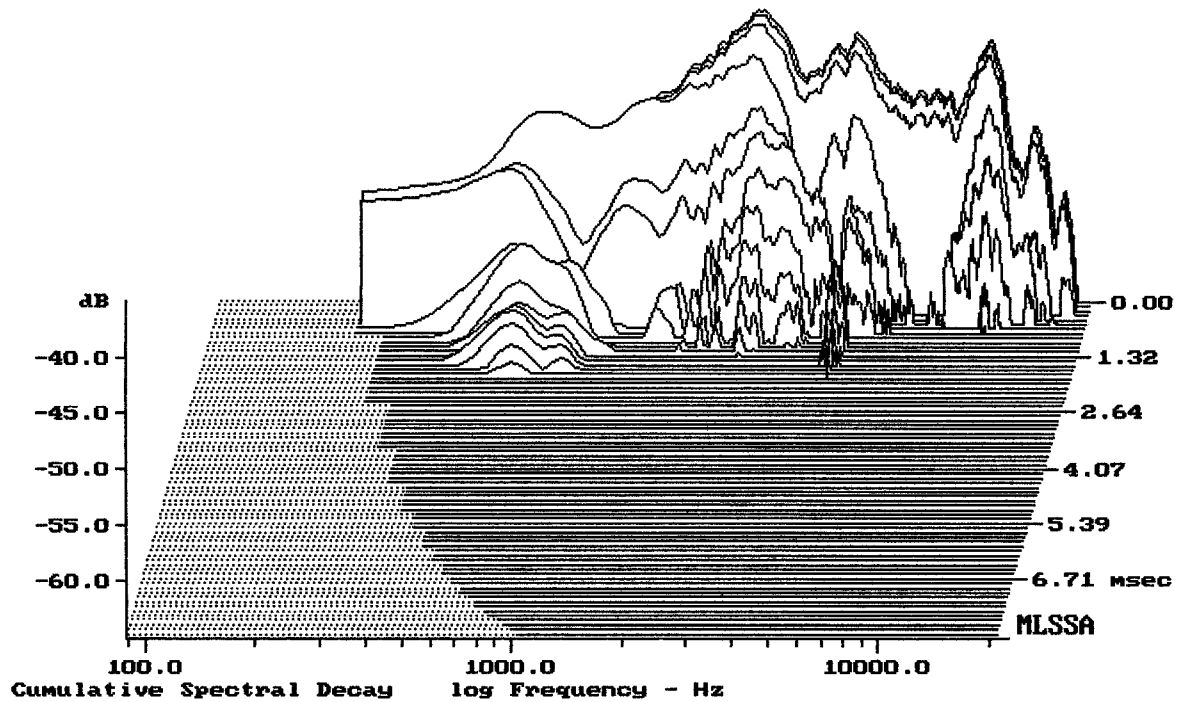
FUNKTION ONE R4E



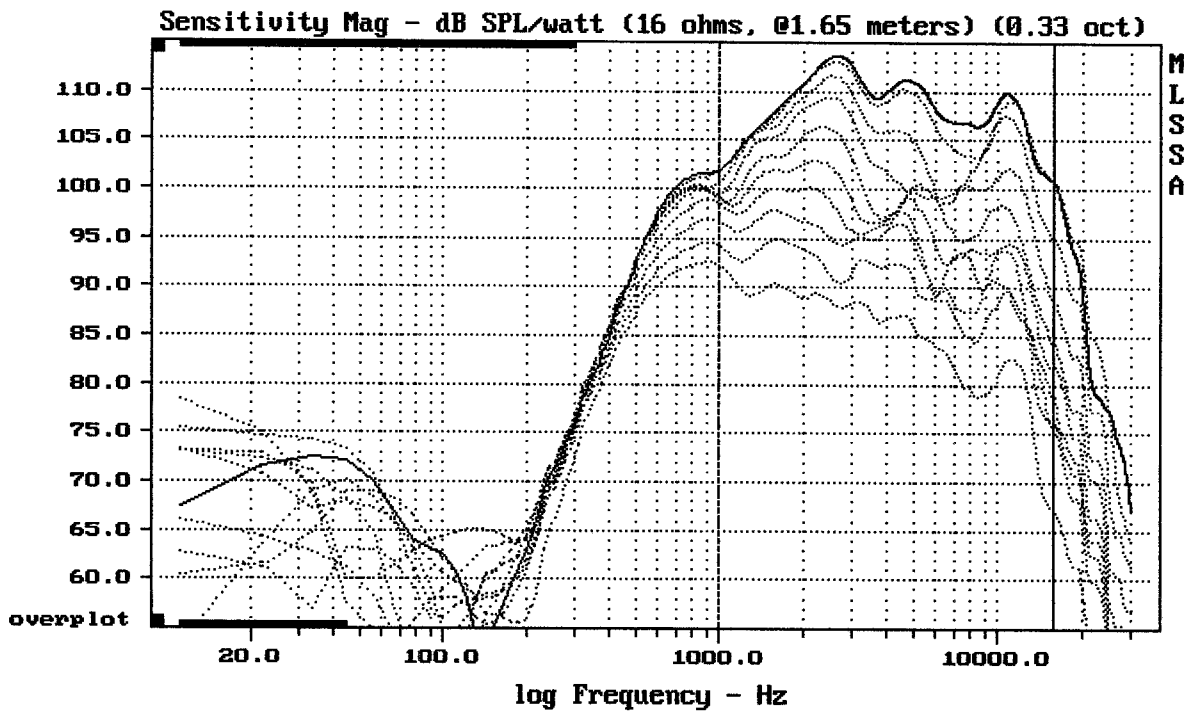
Level (999:15703 Hz) = 109.53 dB SPL/watt (16 ohms, @1.65 meters)

1" + HORN R4E

MLSSA: Frequency Domain



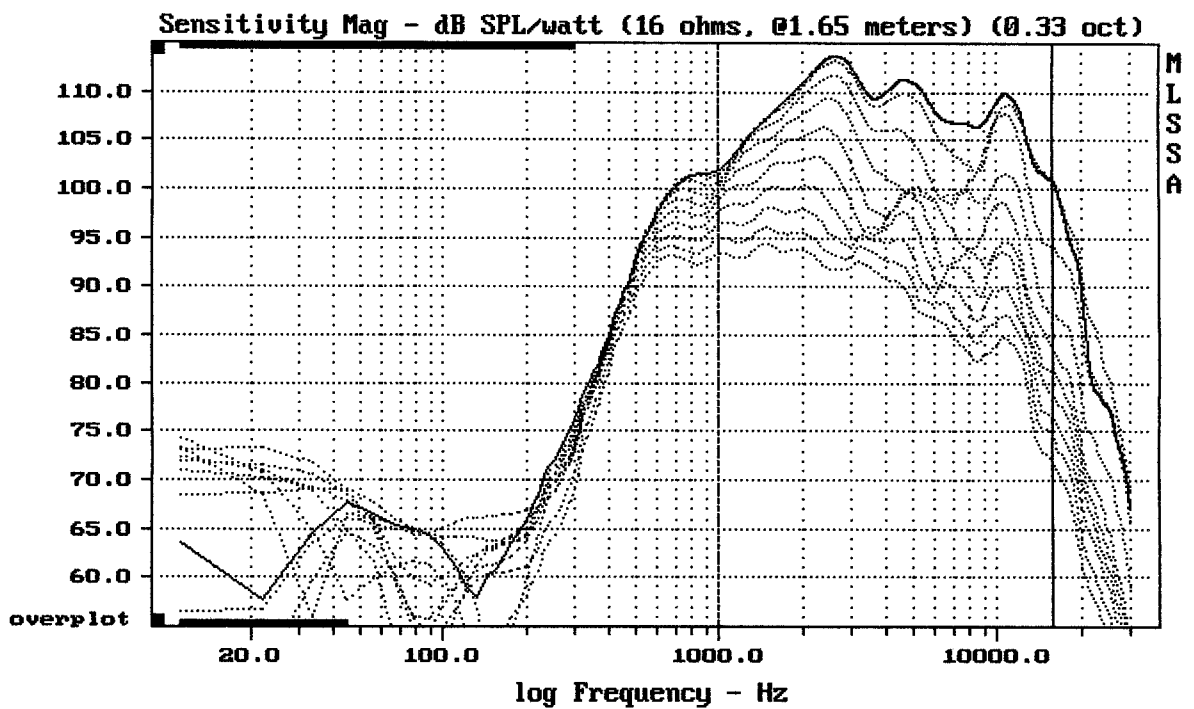
-65.00 dB, 4483 Hz (101), 1.540 msec (15)



Overlay Compare: dev= +16/-7.4, std= 3.9, avg= -26

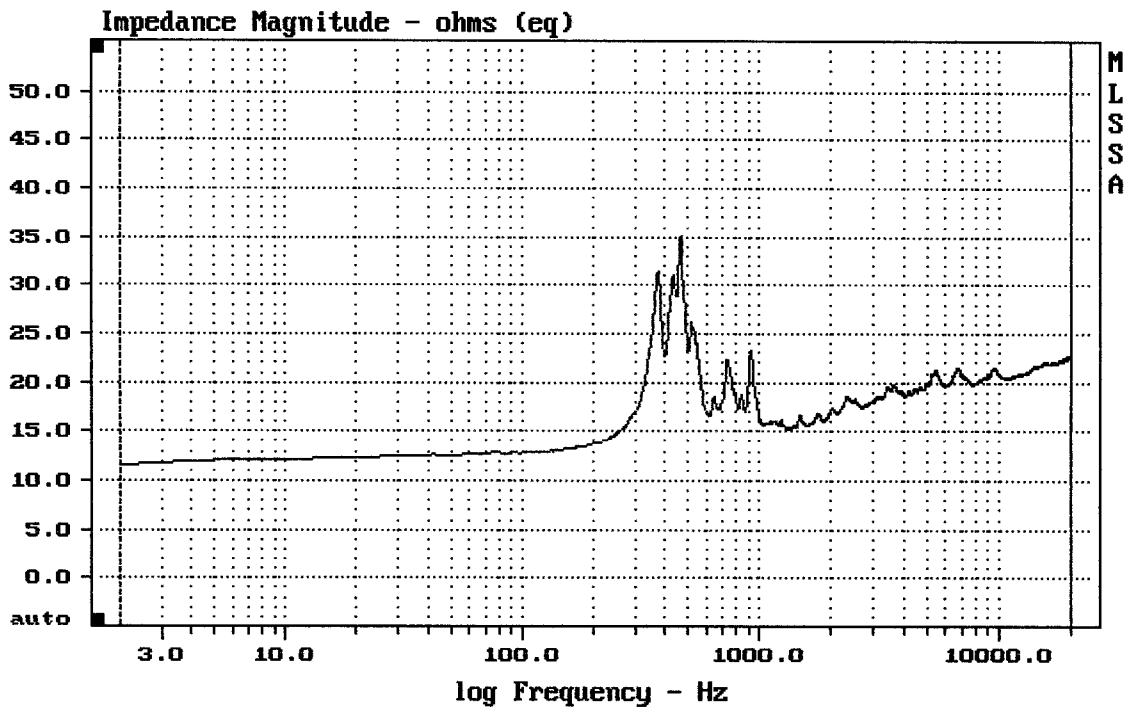
1" + HORN R4E

MLSSA: Frequency Domain



Overlay Compare: dev= +14/-5.8, std= 3.9, avg= -23

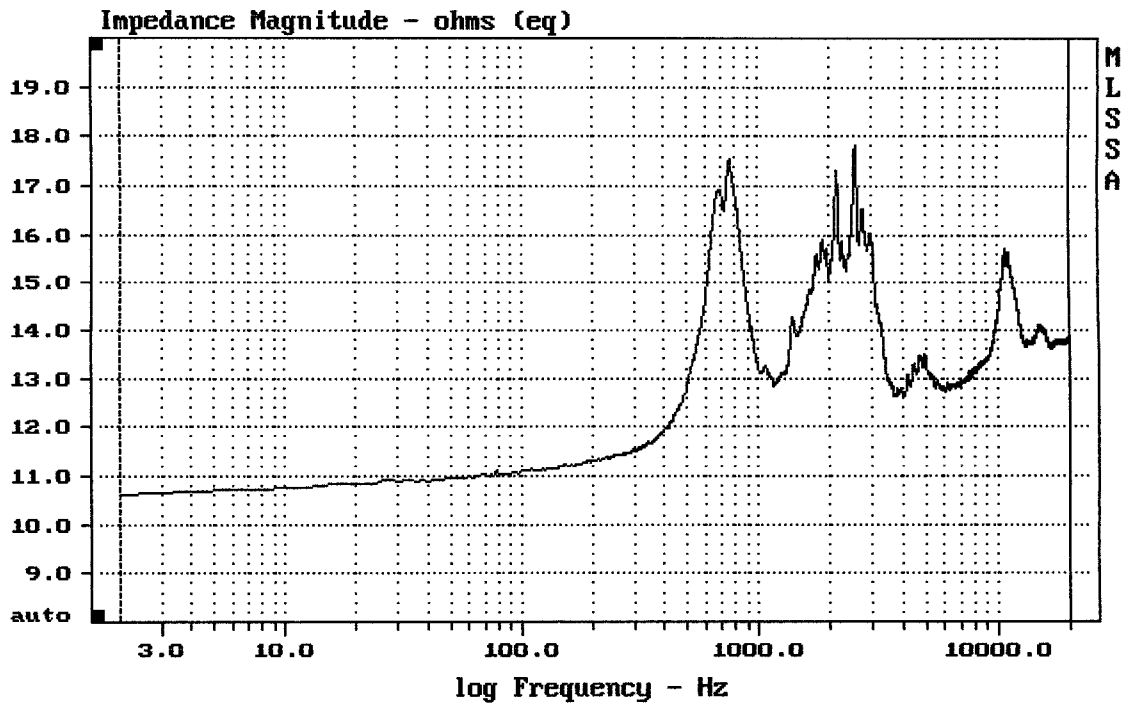
1" + HORN R4E



mean: 20.44, rms: 20.54, std: 1.982, max: 35.12, min: 11.49

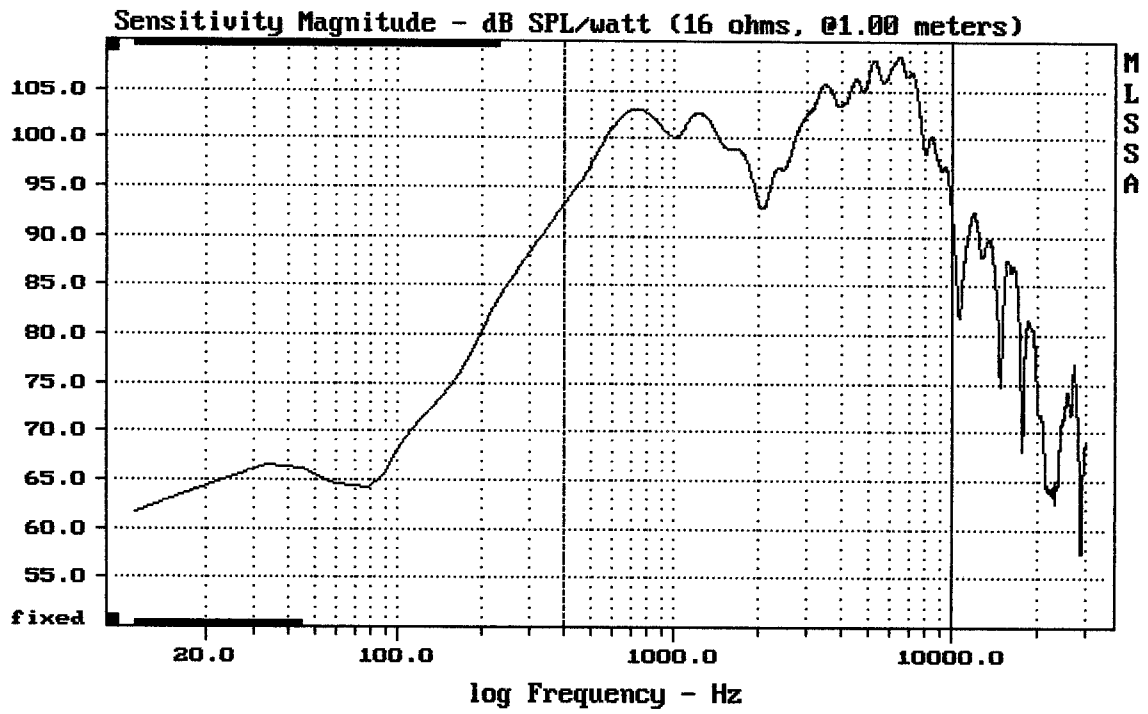
FUNKTION ONE RESOLUTION 4E

MLSSA: Frequency Domain



mean: 13.84, rms: 13.88, std: 0.9903, max: 17.81, min: 10.61

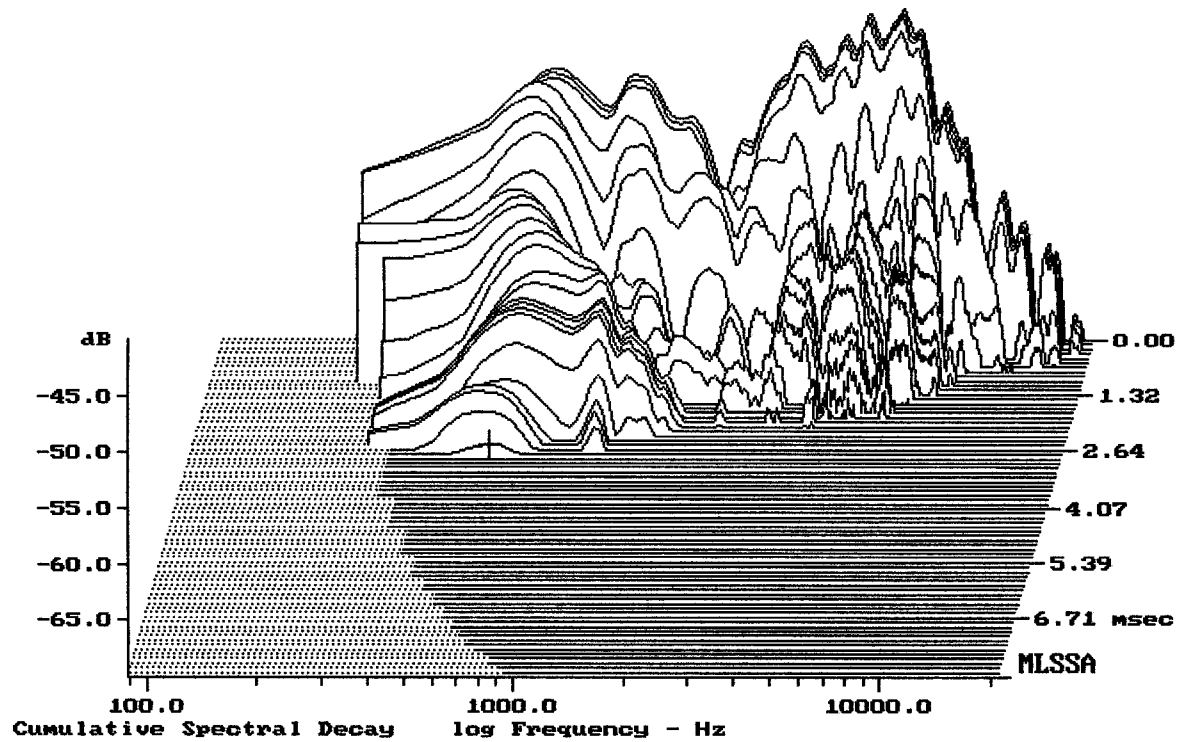
FUNKTION ONE RESOLUTION 4E



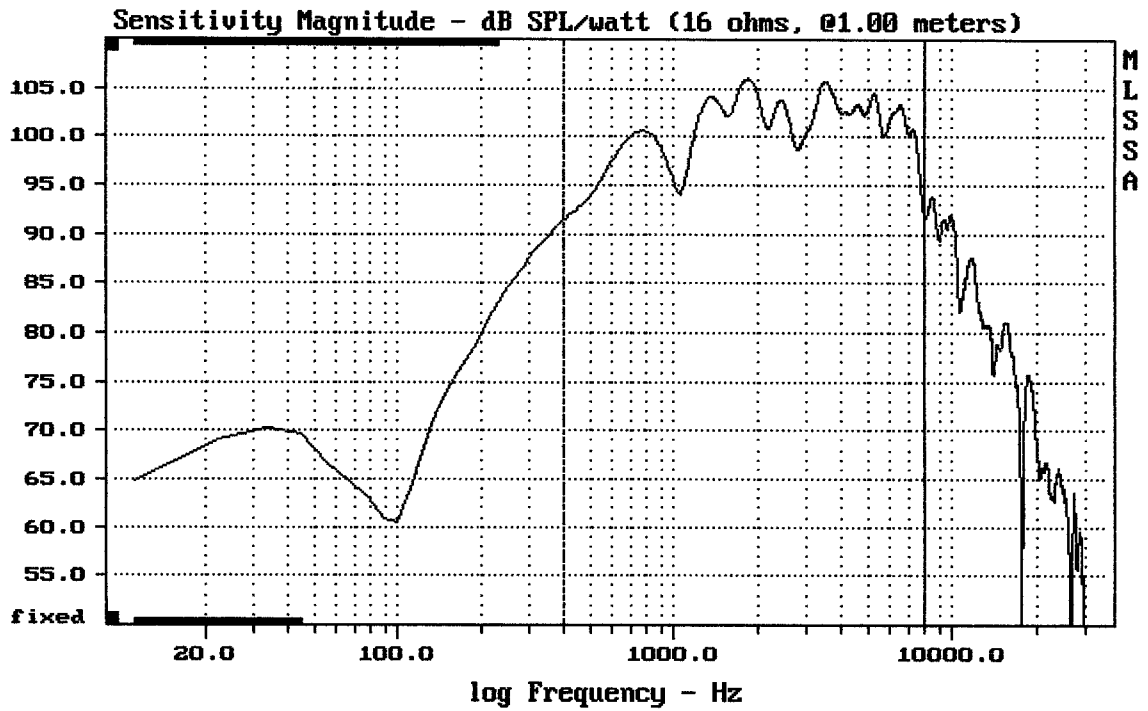
Level (400:9999 Hz) = 102.65 dB SPL/watt (16 ohms, @1.00 meters)

8" FROM R4E

MLSSA: Frequency Domain



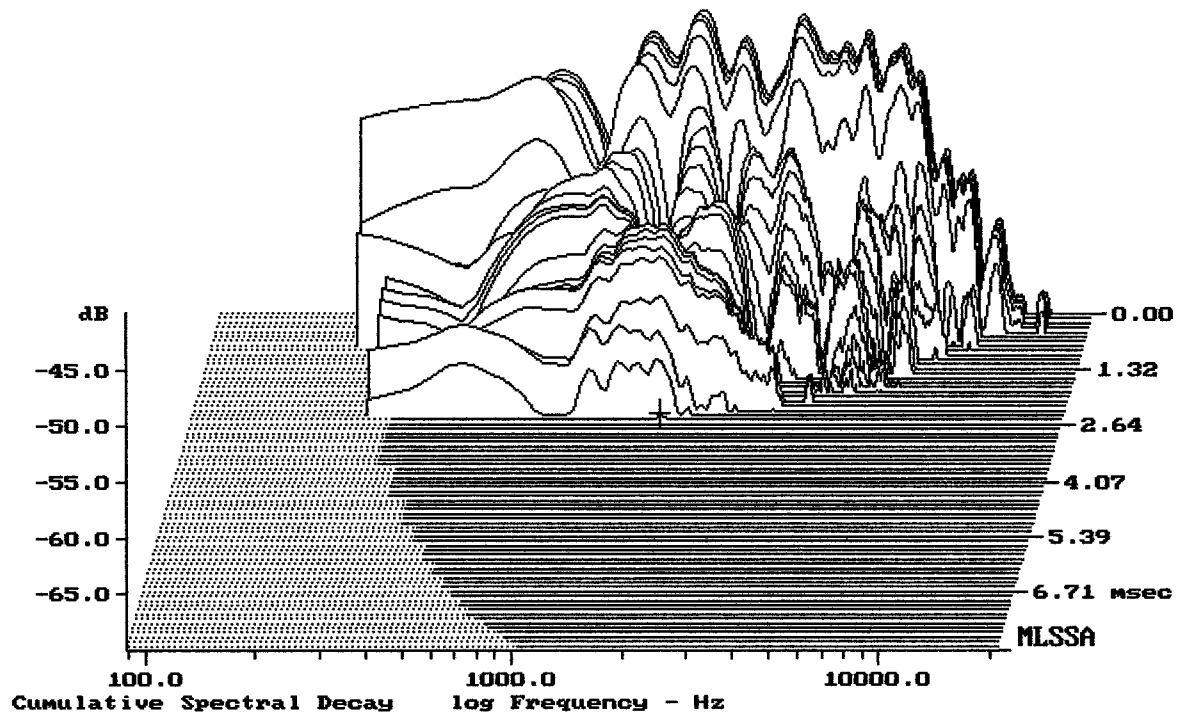
-69.16 dB, 577 Hz (13), 2.750 msec (26)



Level (400:8001 Hz) = 101.65 dB SPL/watt (16 ohms, @1.00 meters)

8"+ PLUG FROM R4E

MLSSA: Frequency Domain



-69.51 dB, 1687 Hz (38), 2.530 msec (24)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	2.04	Ohms
2	Fs	441.00	Hz
3	Re	16.18	Ohms[dc]
4	Res	202.14	Ohms
5	Qms	17.21	
6	Qes	1.38	
7	Qts	1.28	
8	L1	0.10	mH
9	L2	1.16	mH
10	R2	15.33	Ohms
11	RMSE-load	2.97	Ohms
12	Vas(Sd)	0.28	liters
13	Mms	26.21	grams
14	Cms	5	μ M/Newton
15	B1	29.21	Tesla-M
16	SPLref(Sd)	94.3	dB[Re]
17	Rub-index	0.57	

Method: Mass-loaded (20.00 grams)

Area (Sd): 201.06 sq cm

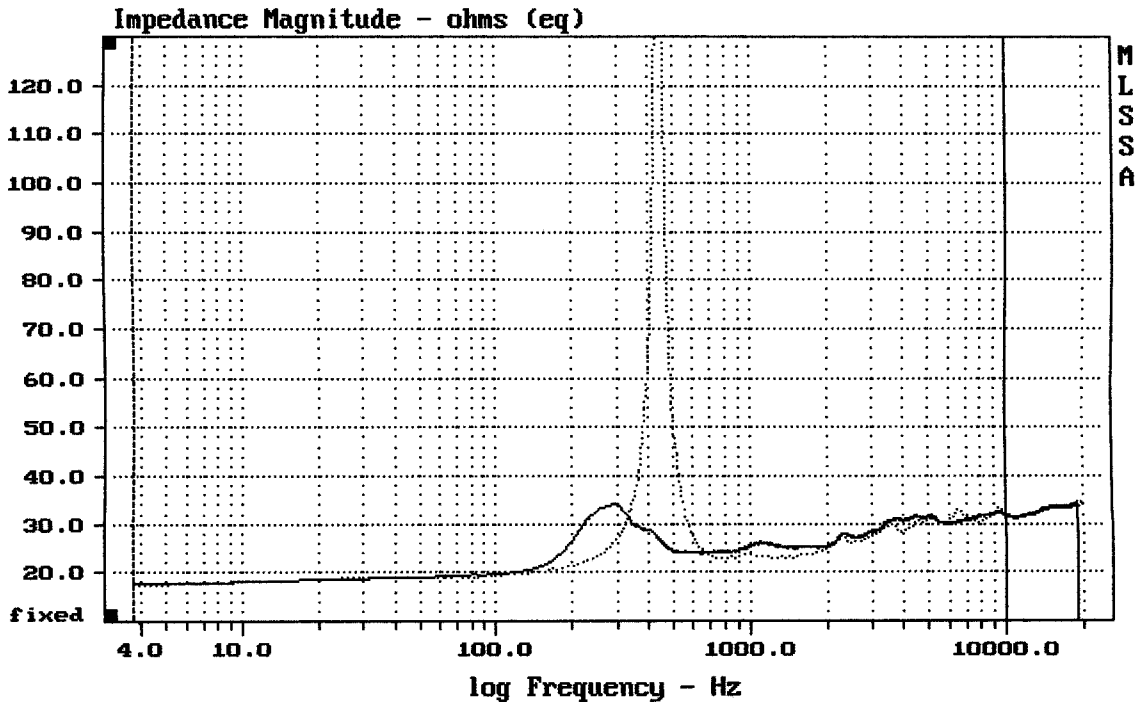
DCR mode: Measure (-0.09 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -20.3% (-20% to -50% is recommended).

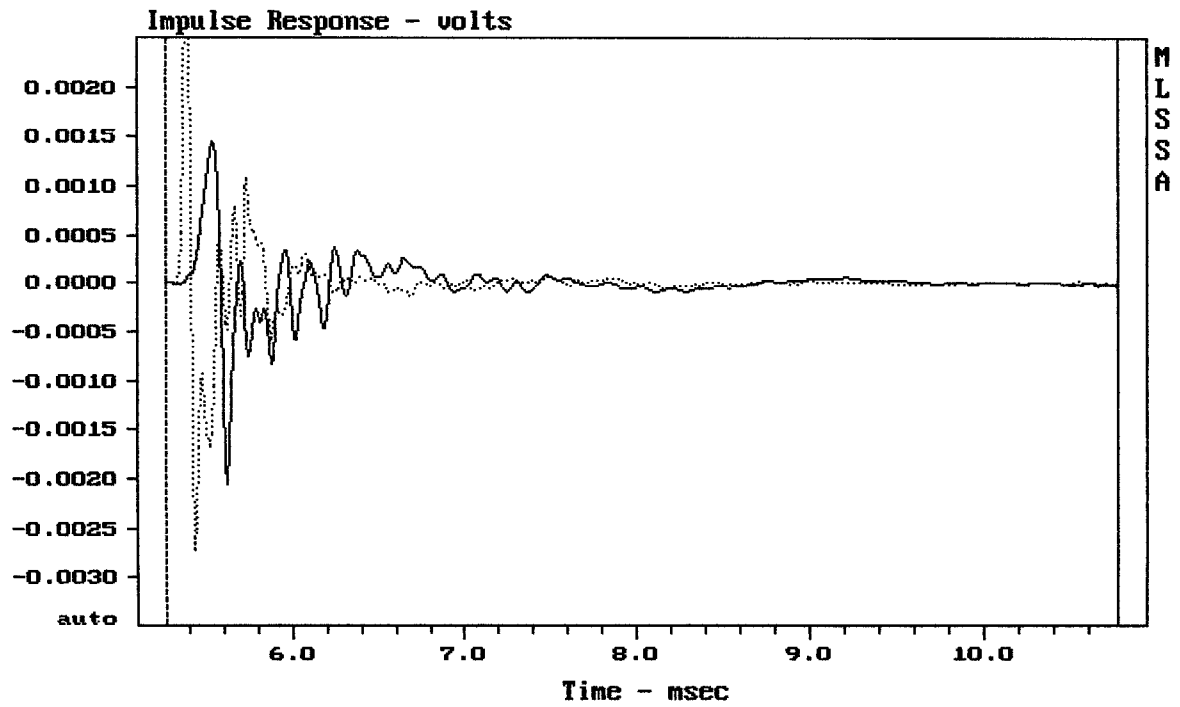
8" FROM R4E

MLSSA: Parameters



mean: 30.12, rms: 32.05, std: 10.96, max: 227.9, min: 17.51

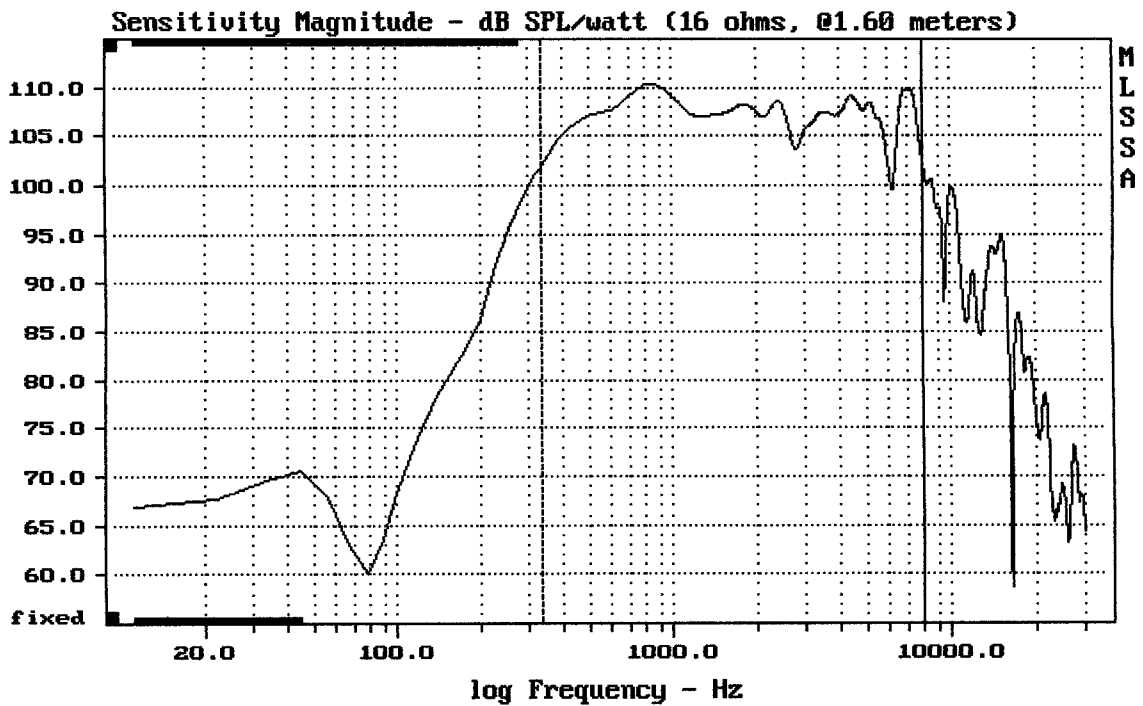
MLSSA: Frequency Domain



CURSOR: $dy = -7.56168e-006$ $x = 10.7690$ (979)

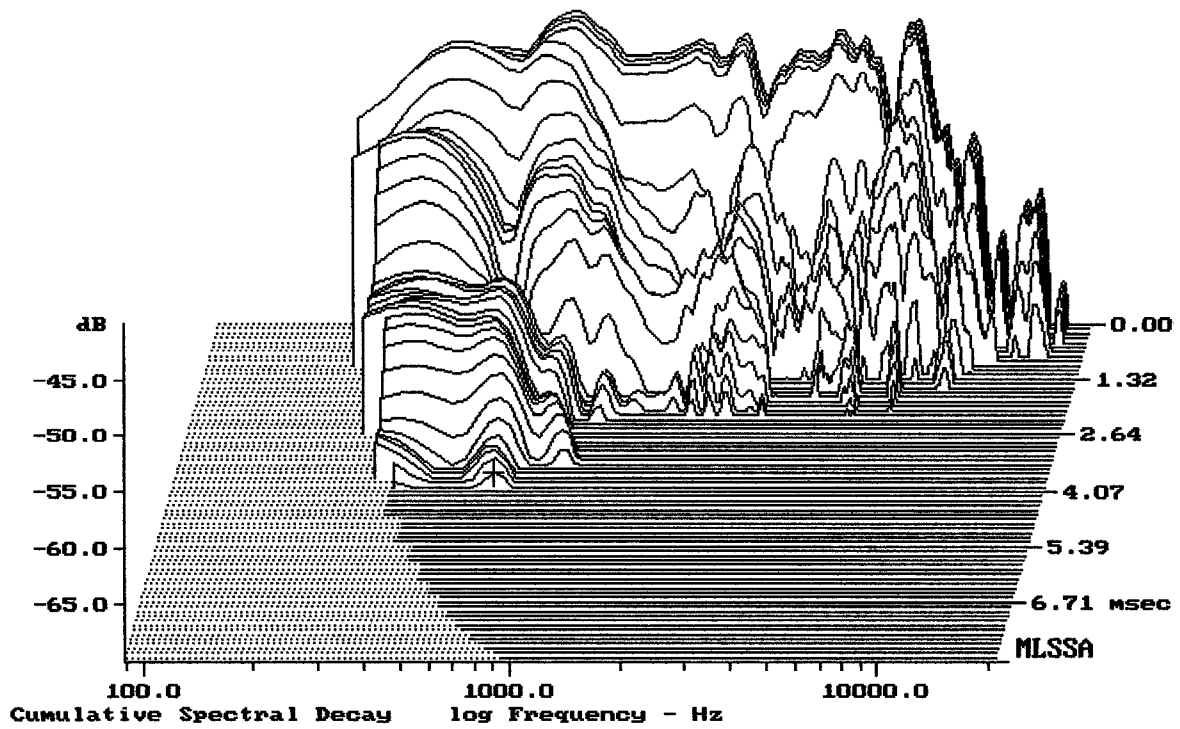
FUNKTION ONE R4E

MLSSA: Time Domain



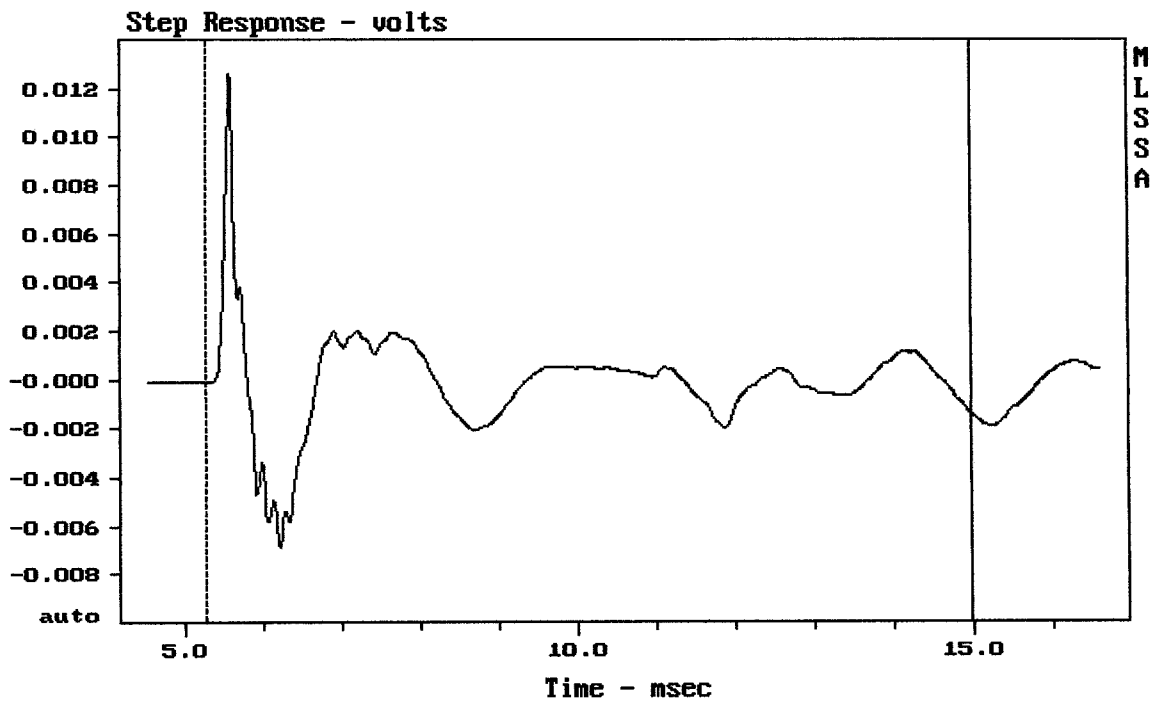
Level (333:8001 Hz) = 107.59 dB SPL/watt (16 ohms, @1.60 meters)

FUNKTION ONE R4E



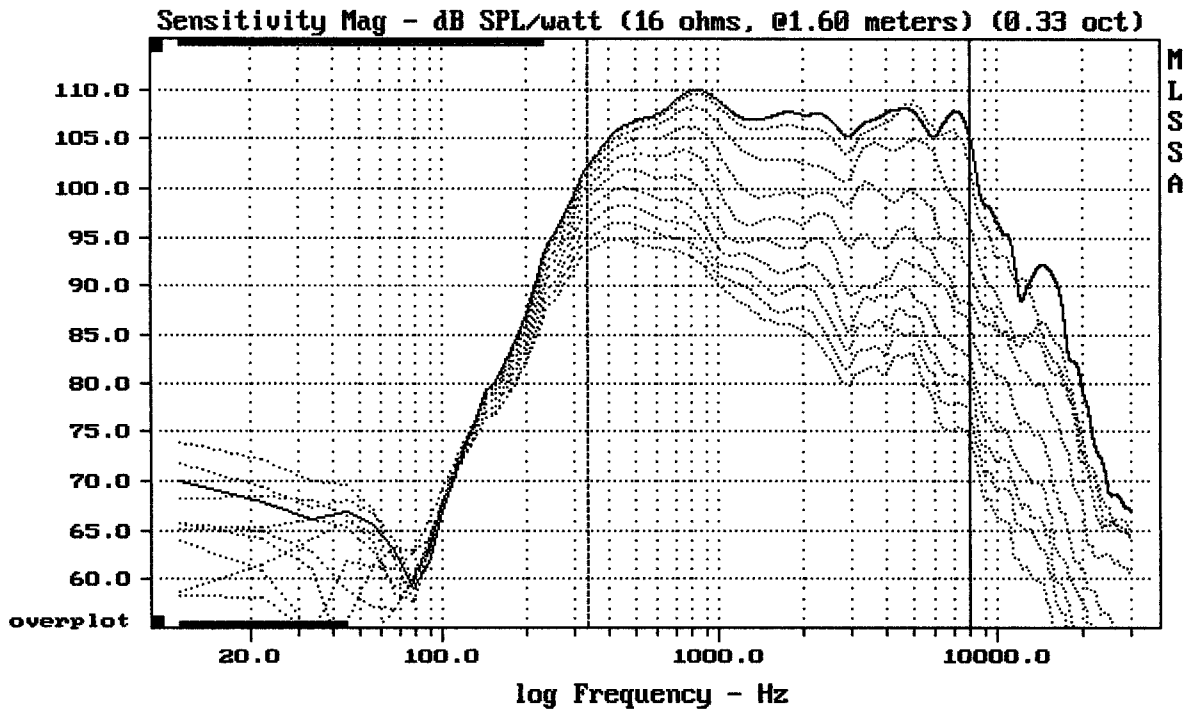
-68.69 dB, 666 Hz (15), 3.960 msec (37)

DTTO



mean: -9.996e-005, rms: 0.002, std: 0.001998, max: 0.01258, min: -0.006894

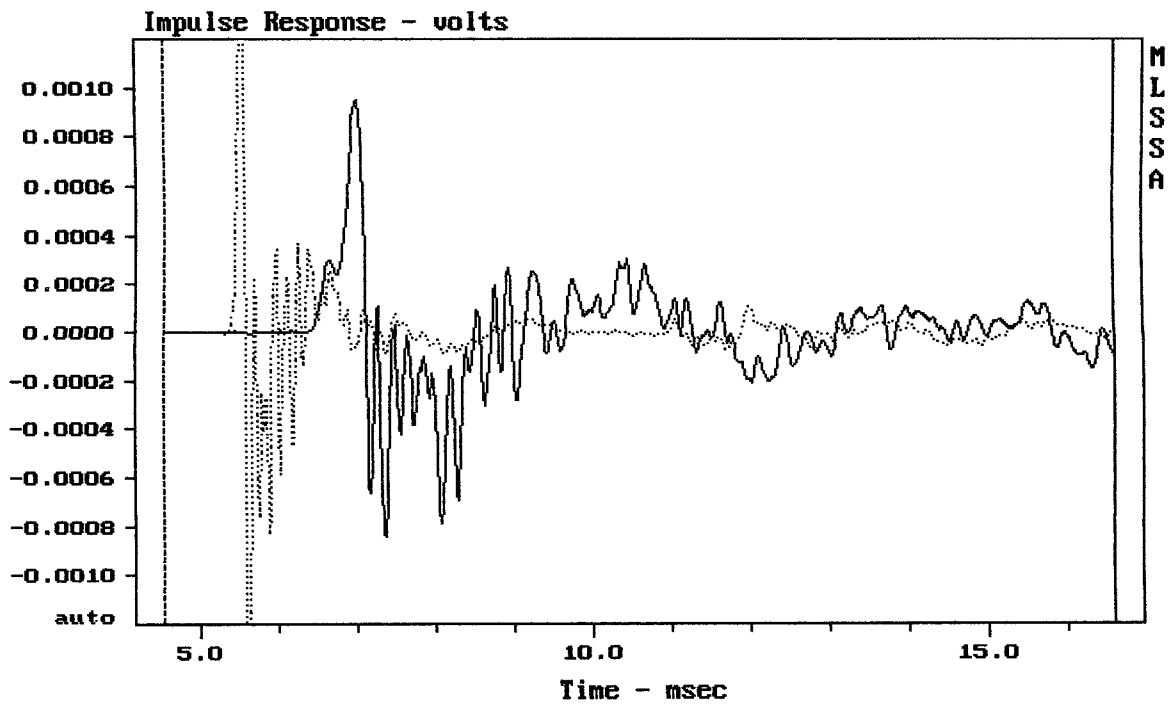
FUNKTION ONE R4E



Overlay Compare: dev= +17/-7.1, std= 5, avg= -25

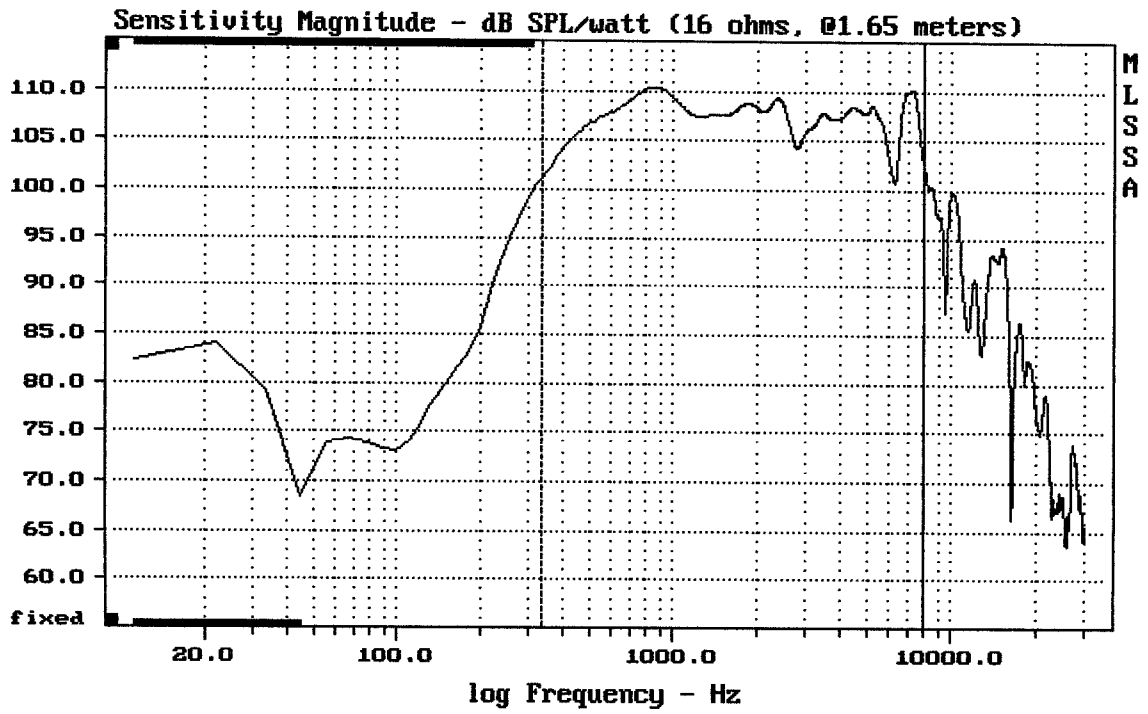
FUNKTION ONE R4E

MLSSA: Frequency Domain



CURSOR: dy = 9.26772e-005 x = 16.5770 (1507)

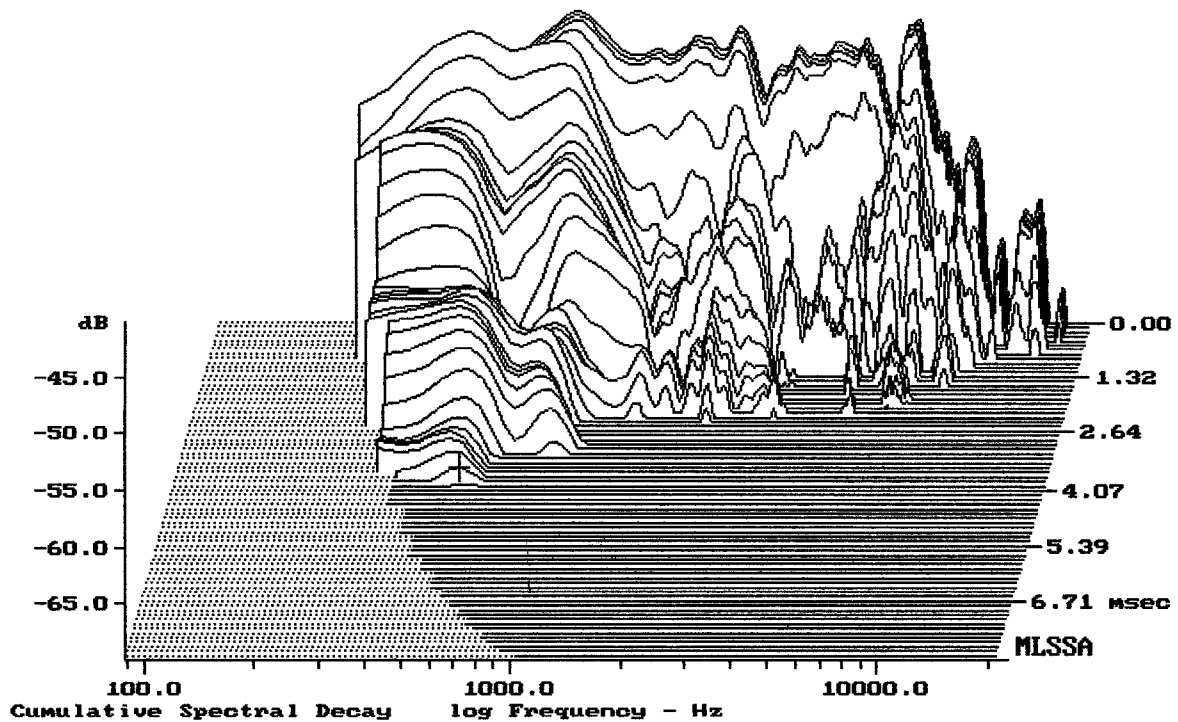
FUNKTION ONE R4E



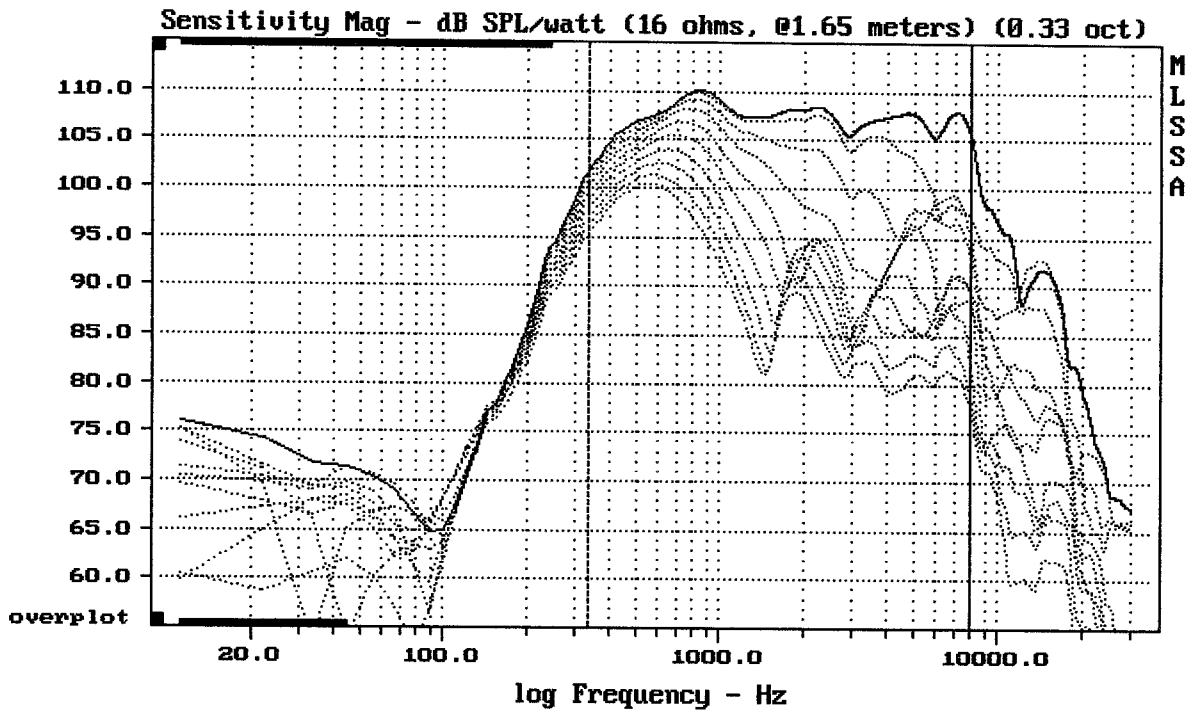
Level (333:8001 Hz) = 107.73 dB SPL/watt (16 ohms, @1.65 meters)

8" + HORN R4E

MLSSA: Frequency Domain



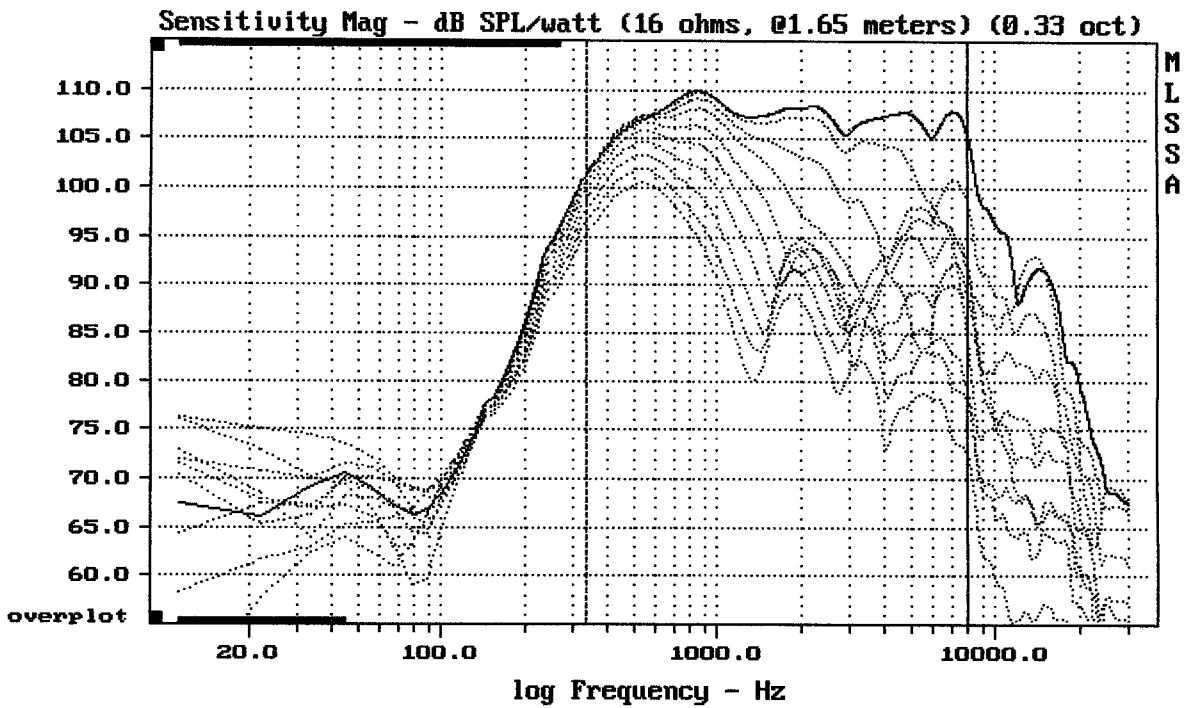
-68.82 dB, 533 Hz (12), 3.850 msec (36)



Overlay Compare: dev= +18/-4.4, std= 5, avg= -24

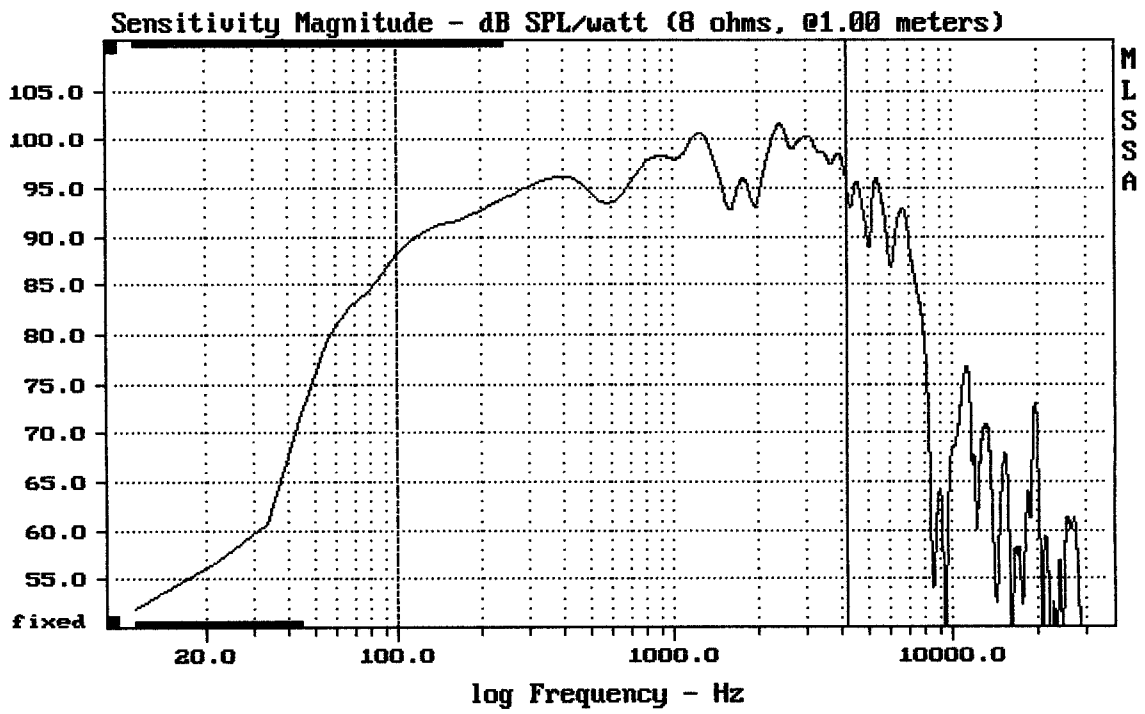
8" + HORN R4E

MLSSA: Frequency Domain



Overlay Compare: dev= +20/-8, std= 6.5, avg= -26

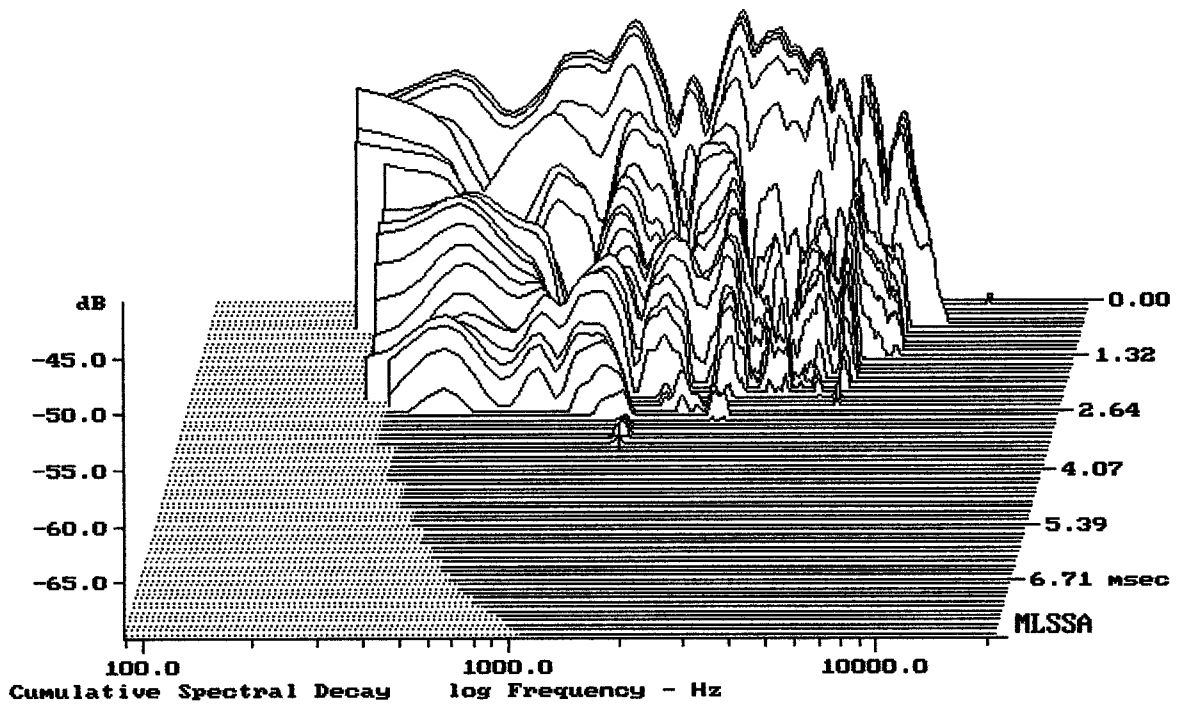
8" + HORN R4E



Level (100:4206 Hz) = 96.54 dB SPL/watt (8 ohms, @1.00 meters)

12" FROM R4E

MLSSA: Frequency Domain



-69.44 dB, 1420 Hz (32), 3.410 msec (32)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	1.00	Ohms
2	Fs	106.29	Hz
3	Re	6.56	Ohms[dc]
4	Res	173.19	Ohms
5	Qms	14.42	
6	Qes	0.55	
7	Qts	0.53	
8	L1	0.65	mH
9	L2	1.23	mH
10	R2	7.31	Ohms
11	RMSE-load	2.56	Ohms
12	Vas(Sd)	25.35	liters
13	Mms	31.05	grams
14	Cms	72	$\mu\text{M}/\text{Newton}$
15	B1	15.78	Tesla-M
16	SPLref(Sd)	99.3	dB[Re]
17	Rub-index	0.05	

Method: Mass-loaded (60.00 grams)

Area (Sd): 500.00 sq cm

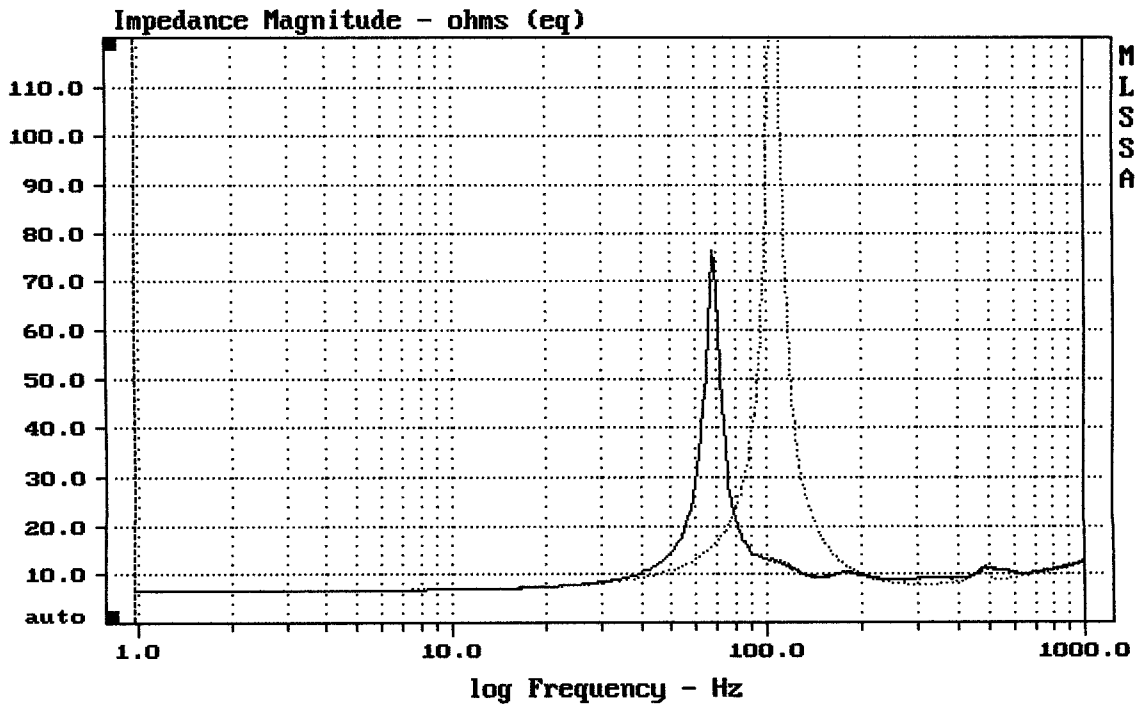
DCR mode: Measure (-0.09 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -36.6% (-20% to -50% is recommended).

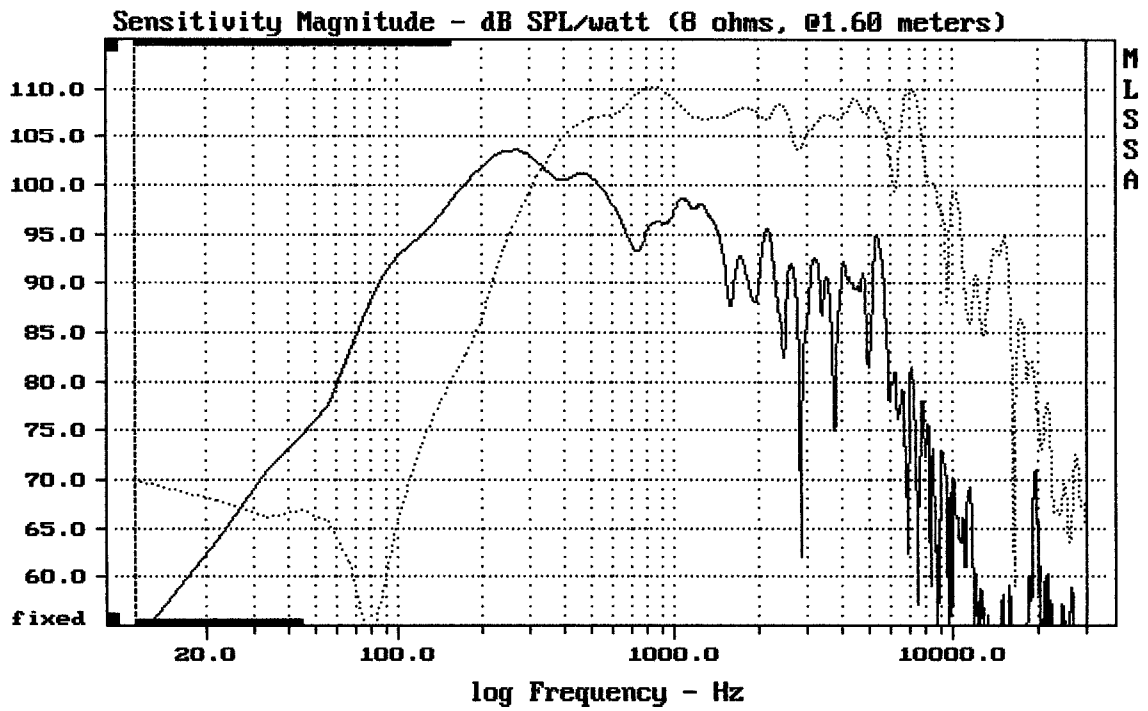
12" FROM R4E

MLSSA: Parameters



mean: 13.32, rms: 21.2, std: 16.5, max: 176.8, min: 6.655

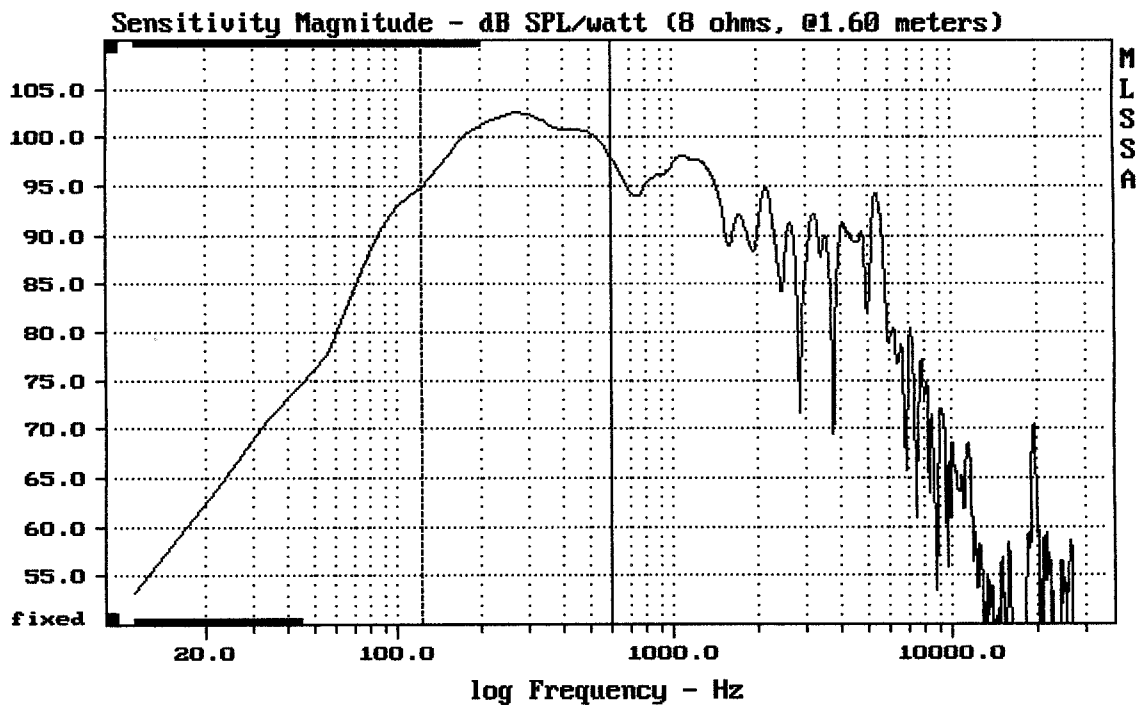
MLSSA: Frequency Domain



CURSOR: dy = 27.3444 x = 30007.1014 (2704)

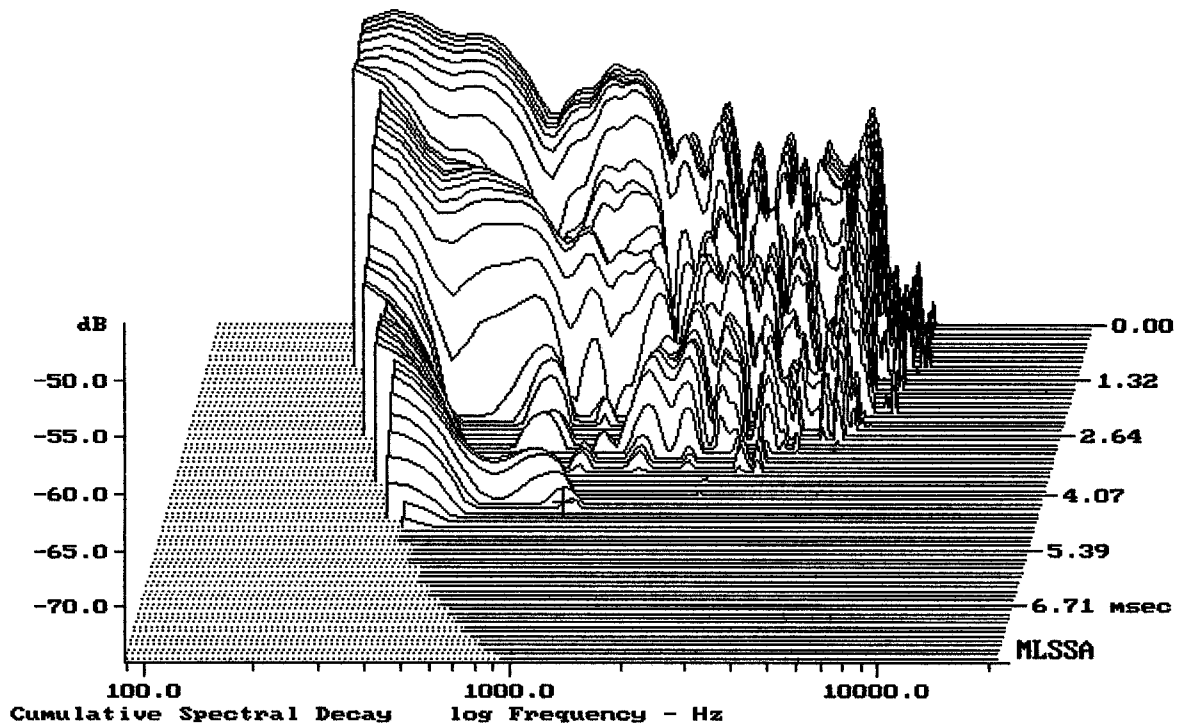
FUNKTION ONE R4E

MLSSA: Frequency Domain



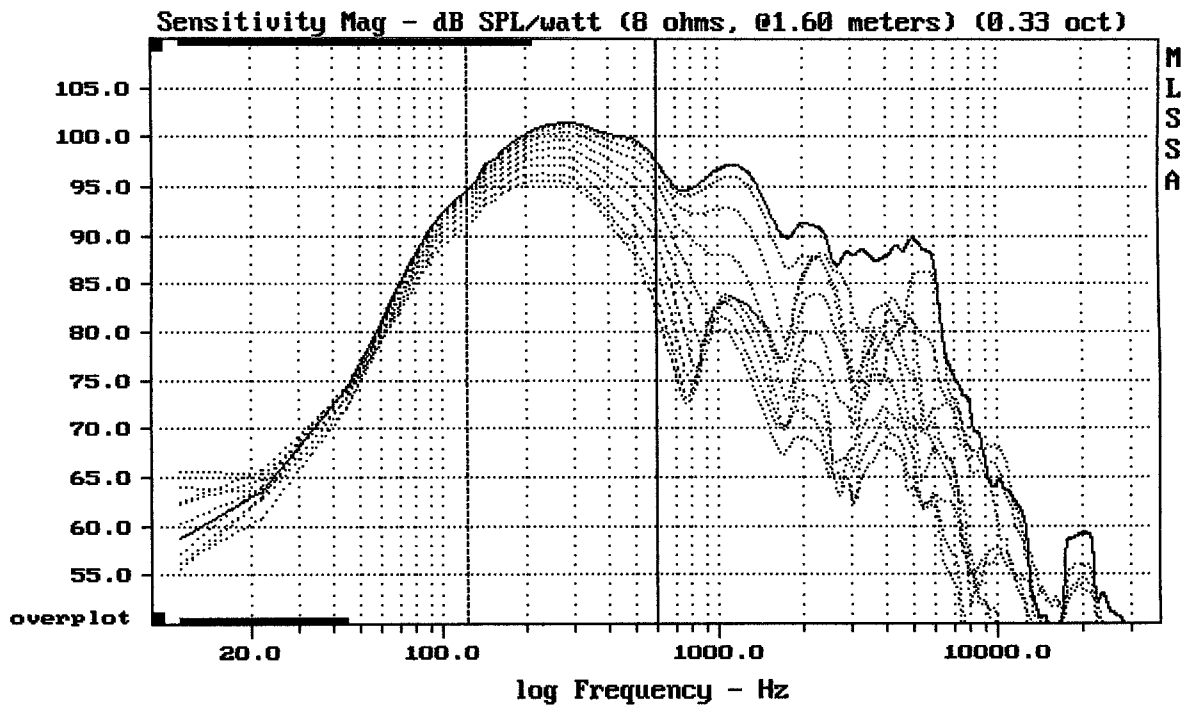
Level (122:599 Hz) = 100.60 dB SPL/watt (8 ohms, @1.60 meters)

FUNKTION ONE R4E



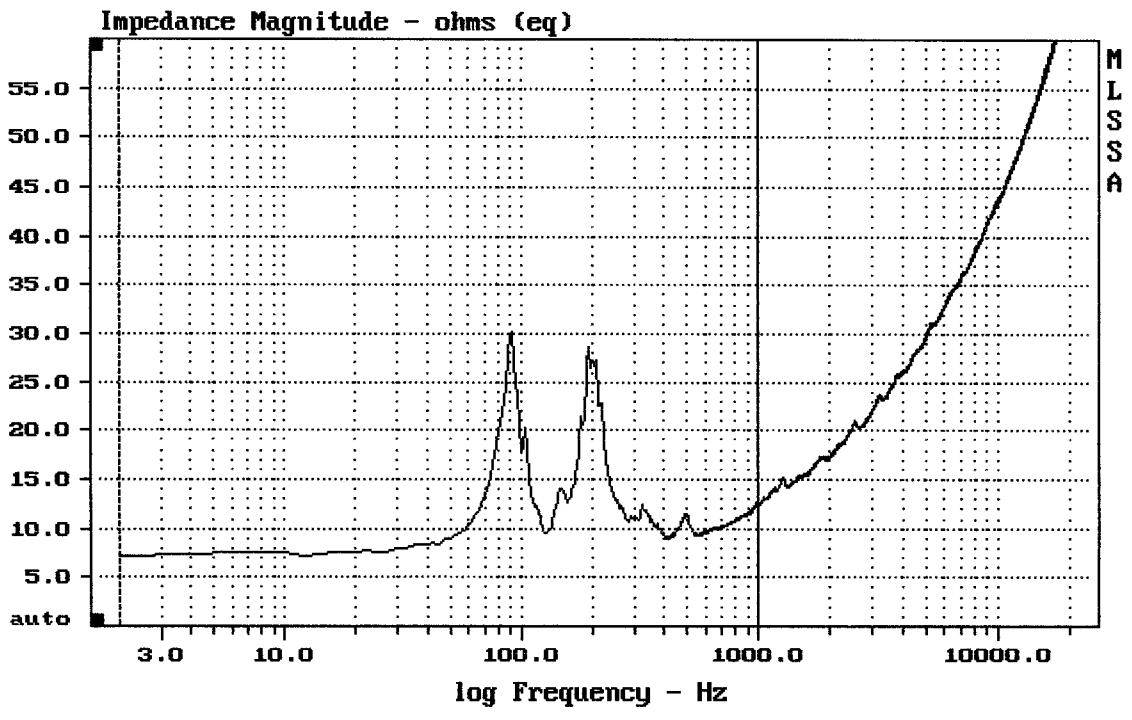
-74.43 dB, 1065 Hz (24), 4.400 msec (41)

DTTO



Overlay Compare: dev= +5/-7.2, std= 3.6, avg= -8.5

FUNKTION ONE R4E



FUNKTION ONE RESOLUTION 4E

MLSSA: Frequency Domain

