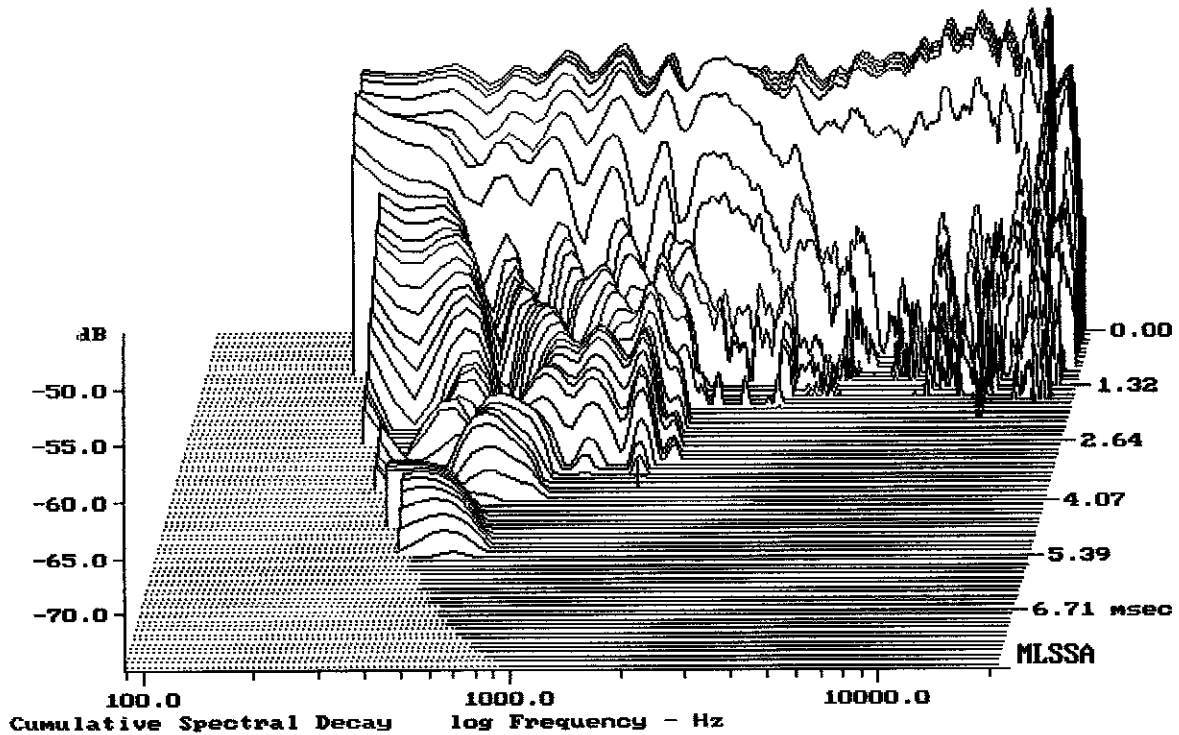


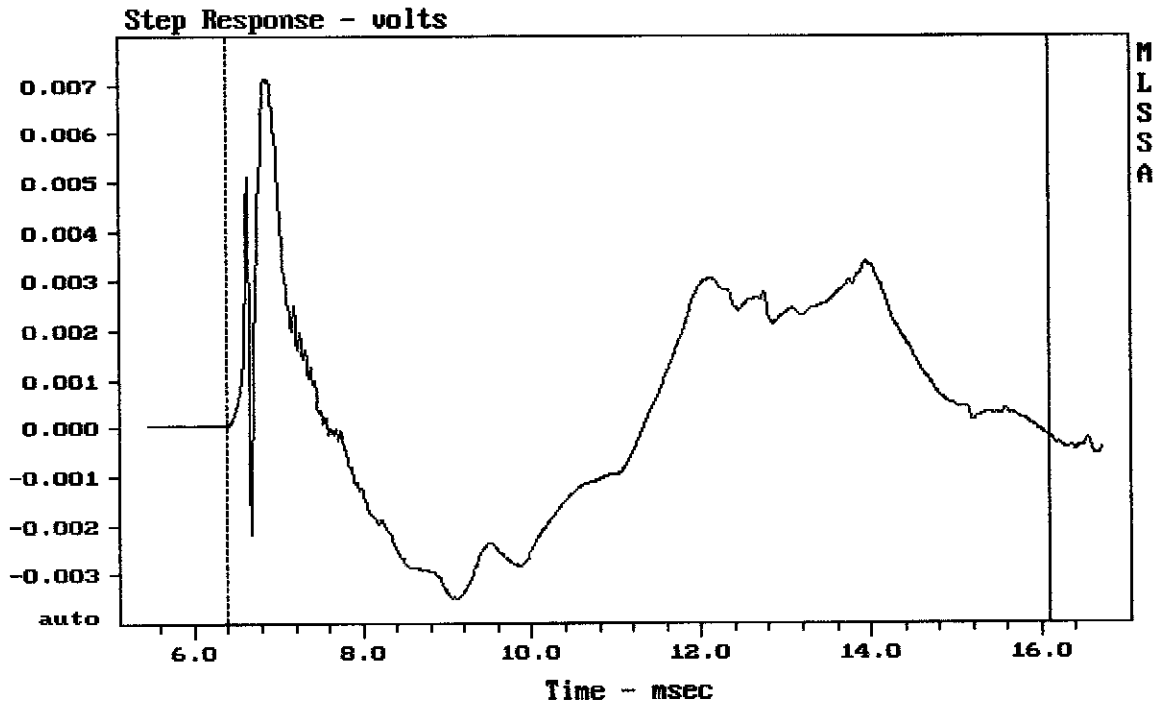
mean: 97.87, rms: 98.11, std: 1.87, max: 101.47, min: 88.40

ART412-A

MLSSA: Frequency Domain



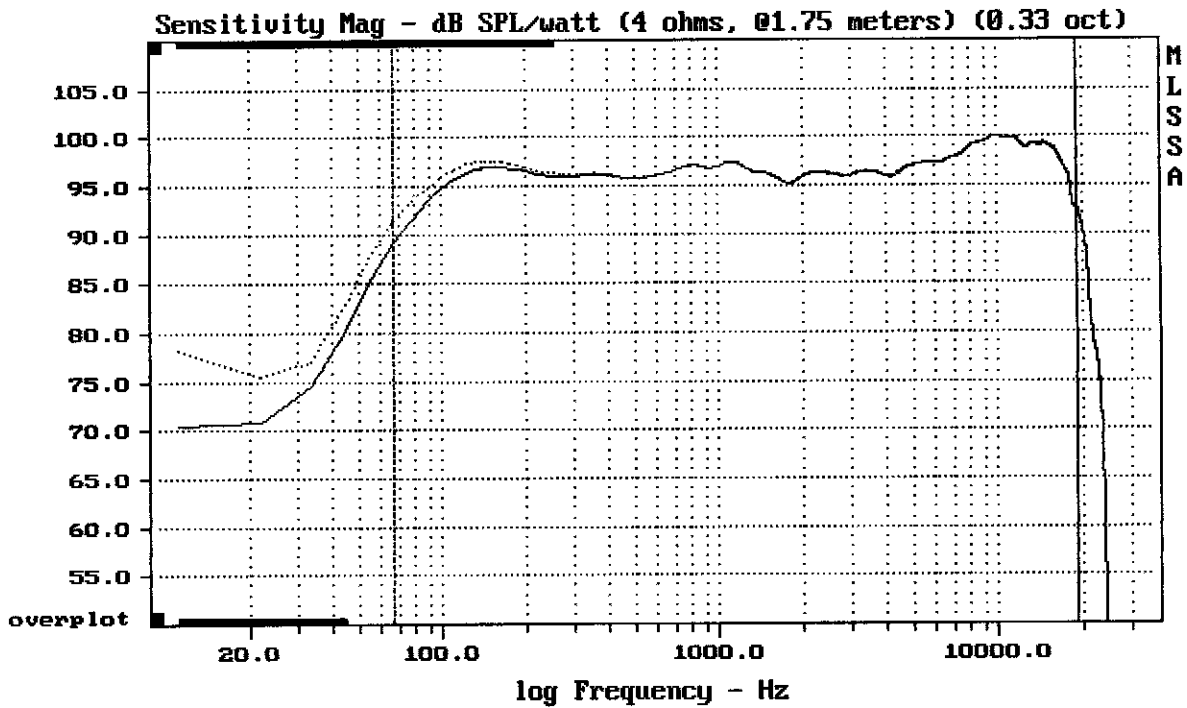
-74.59 dB, 1598 Hz (36), 3.520 msec (33)



mean: 0.0003966, rms: 0.00229, std: 0.002255, max: 0.007143, min: -0.003504

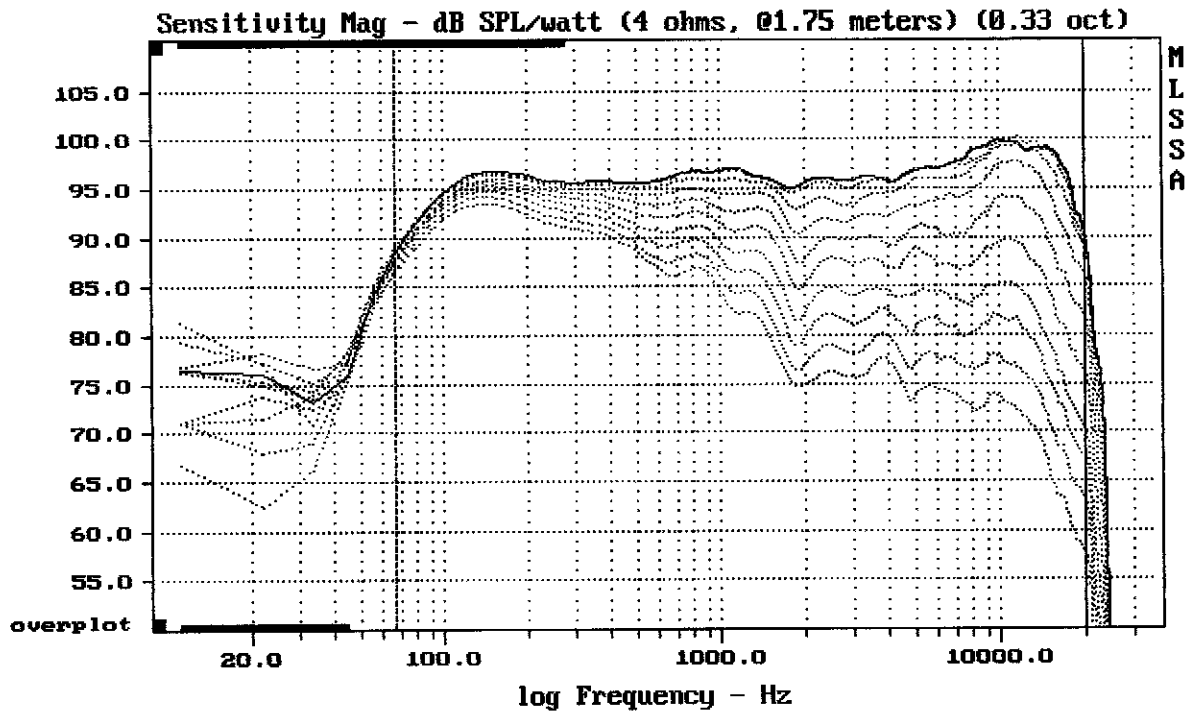
ART412-A

MLSSA: Time Domain



Overlay Compare: dev= +2.1/-0.096, std= 0.097, avg= 0.08

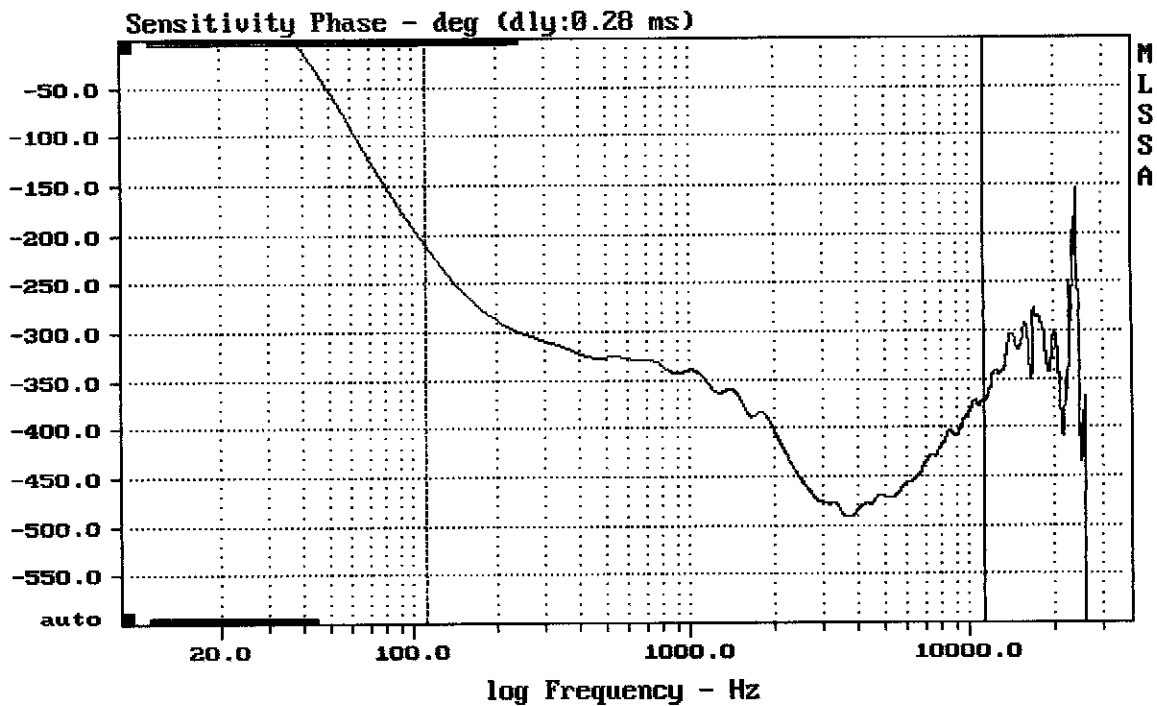
ART412-A



Overlay Compare: dev= +24/-9.2, std= 6.9, avg= -26

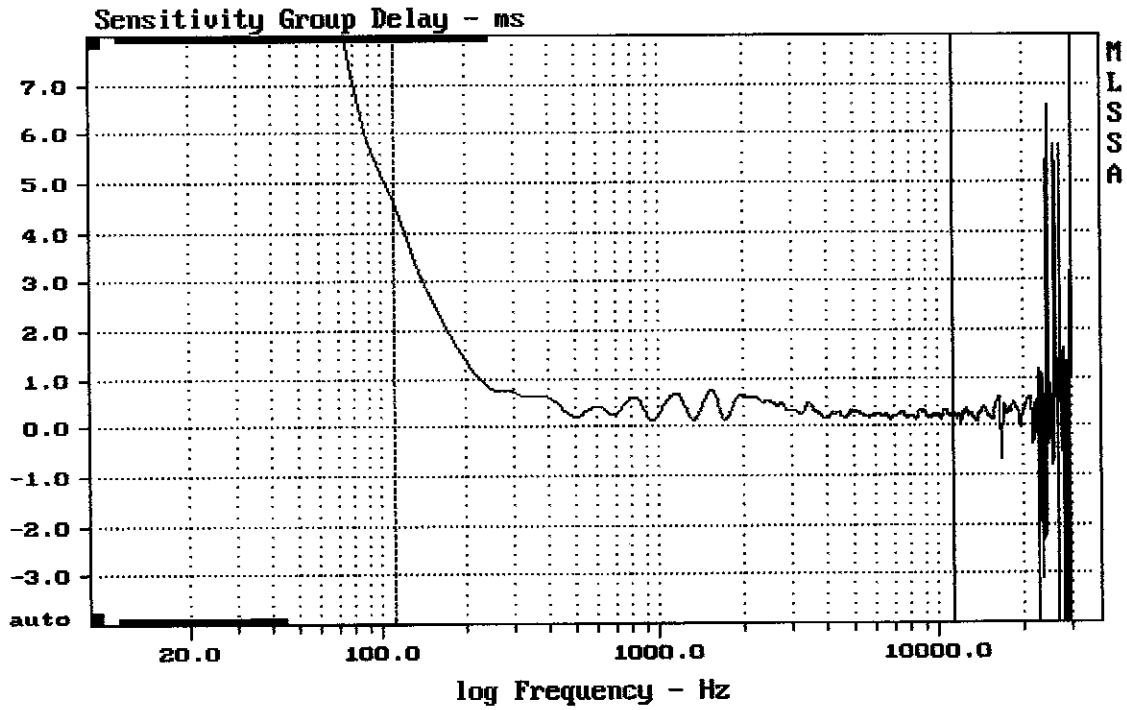
ART412-A

MLSSA: Frequency Domain



mean: -419.9, rms: 422.8, std: 49.66, max: -209.7, min: -491.4

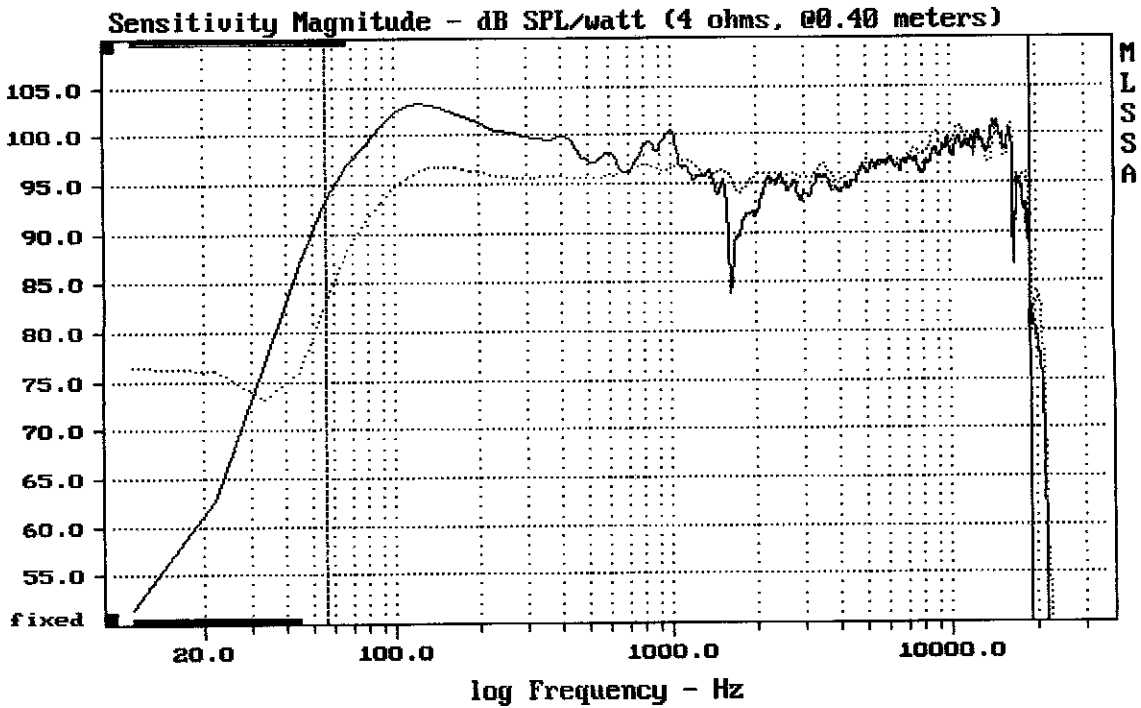
ART412-A



mean: 0.3203, rms: 0.4297, std: 0.2865, max: 4.602, min: 0.1275

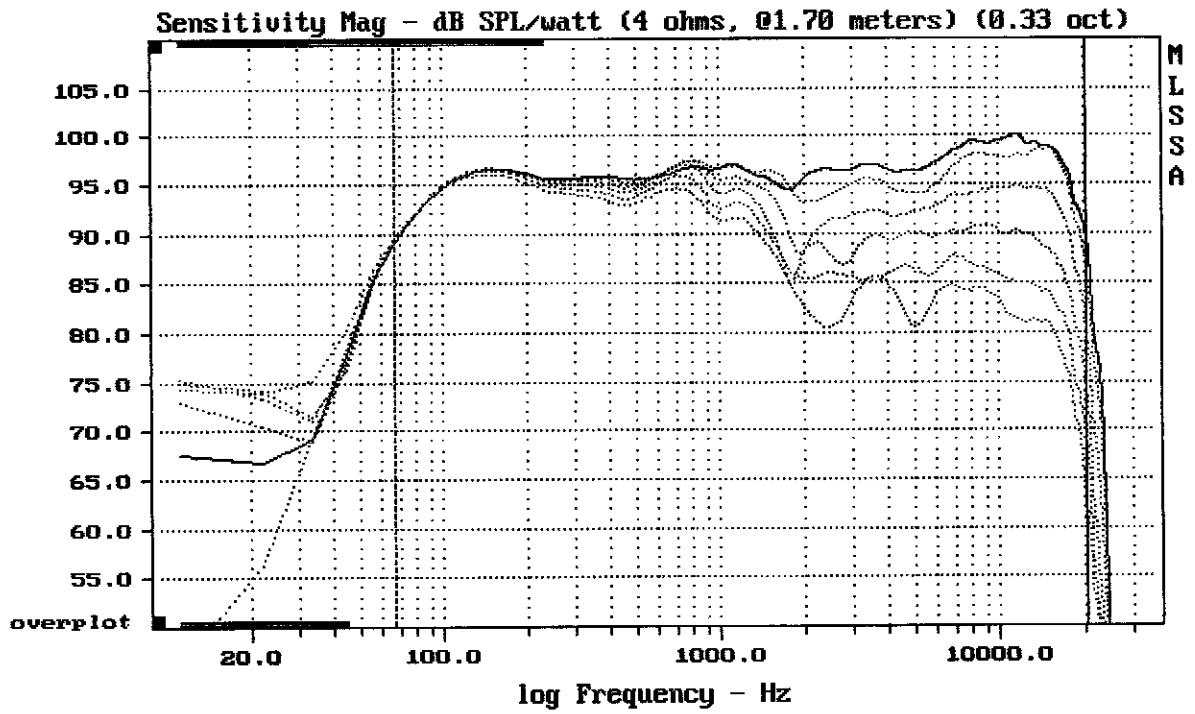
ART412-A

MLSSA: Frequency Domain



Overlay Compare: dev= +11/-11, std= 1.8, avg= -0.56

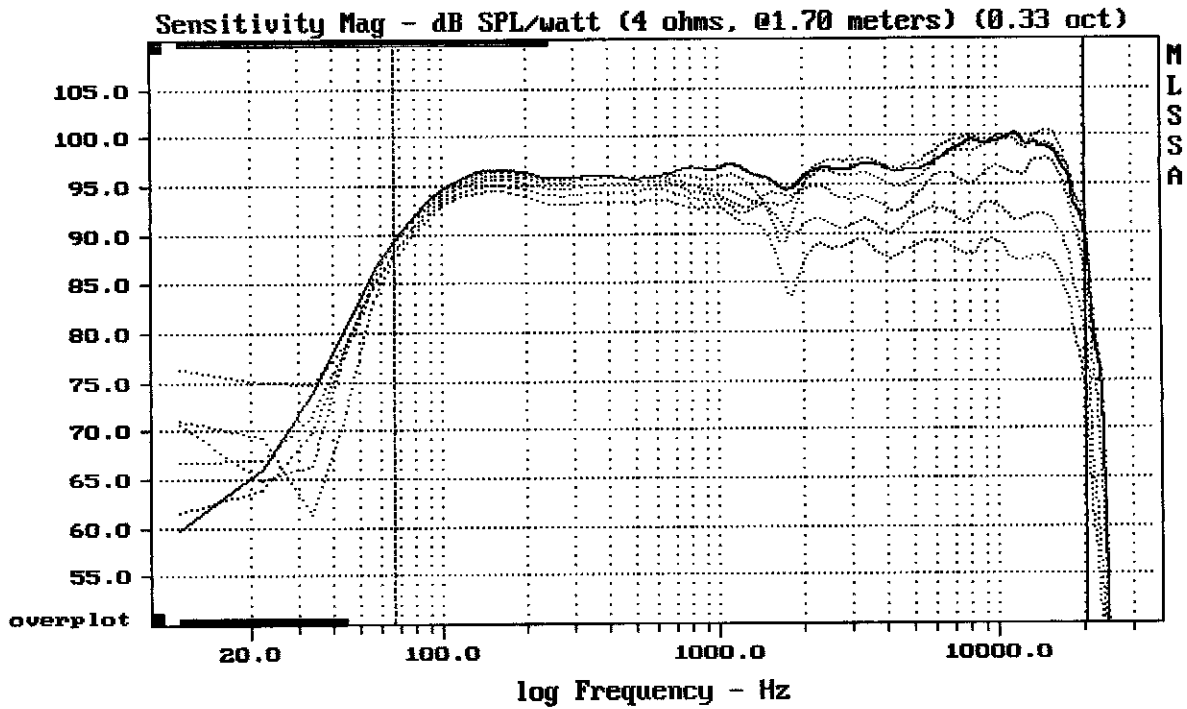
ART412-A



Overlay Compare: dev= +16/-10, std= 4.8, avg= -16

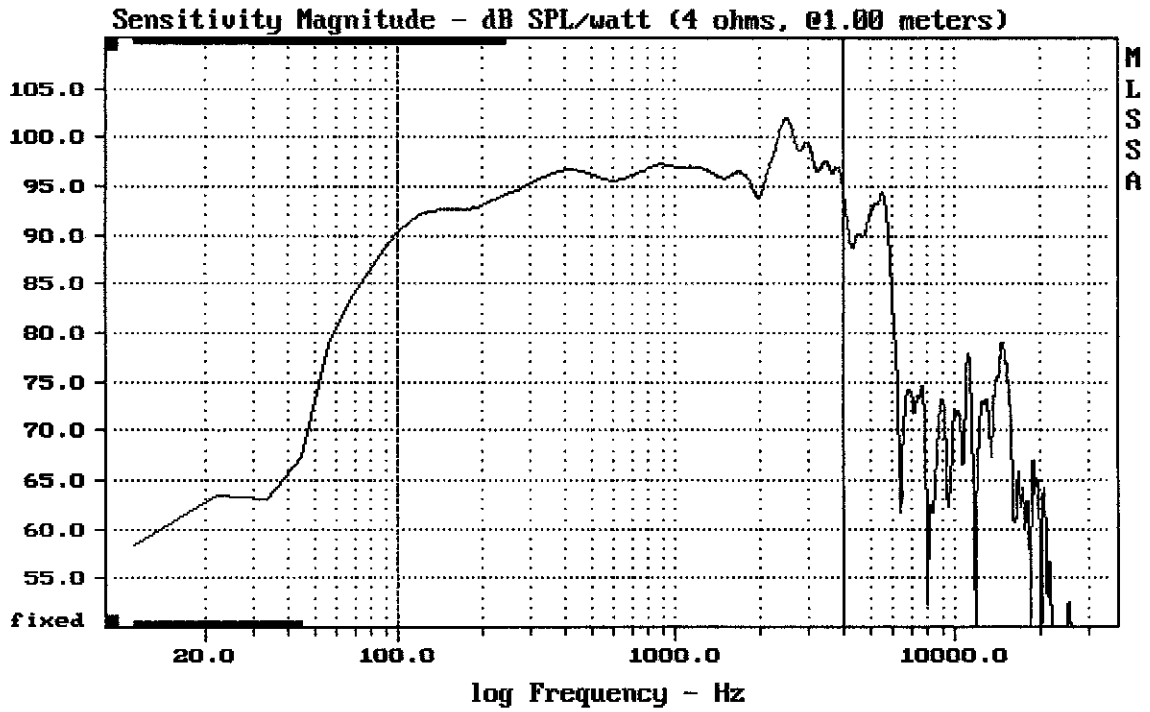
ART412-A

MLSSA: Frequency Domain



Overlay Compare: dev= +8.7/-5.7, std= 2.7, avg= -10

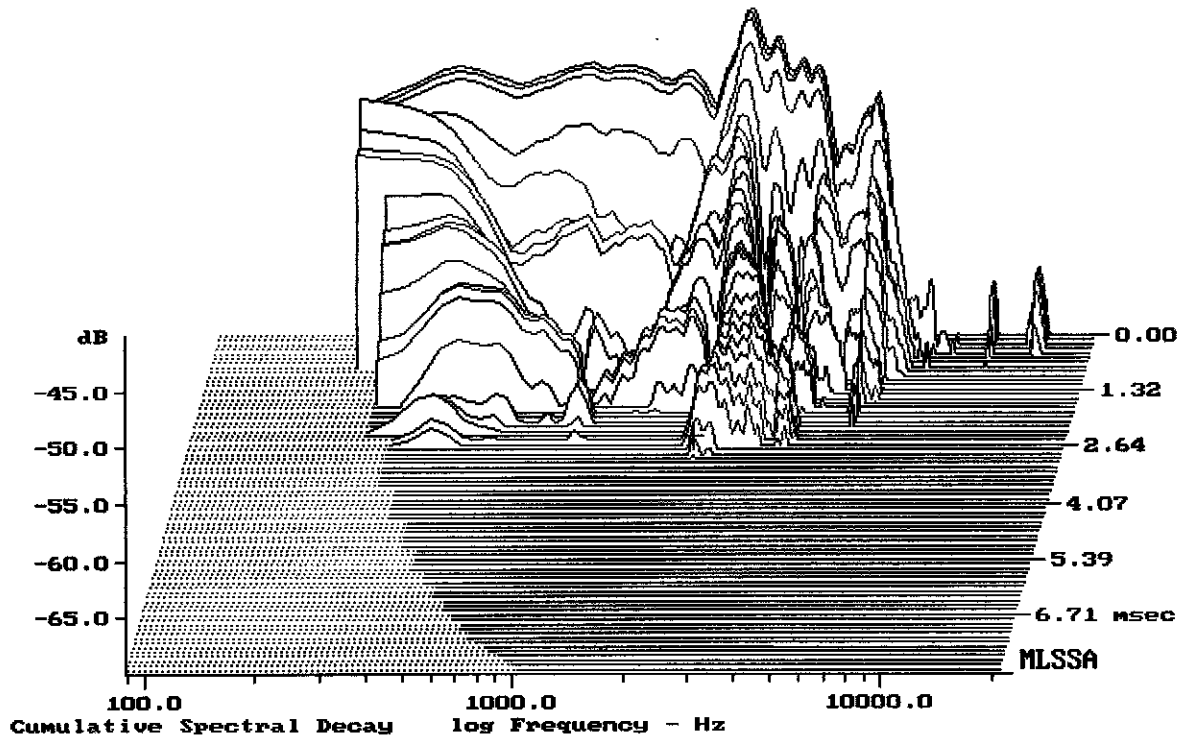
ART412-A



Level (100:4006 Hz) = 96.20 dB SPL/watt (4 ohms, @1.00 meters)

12" FROM ART412-A

MLSSA: Frequency Domain



-68.38 dB, 2131 Hz (48), 2.860 msec (27)

MLSSA SPO 4.0D #960903-3057-3075

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.35	Ohms
2	Fs	53.50	Hz
3	Re	3.47	Ohms[dc]
4	Res	62.46	Ohms
5	Qms	6.45	
6	Qes	0.36	
7	Qts	0.34	
8	L1	0.46	mH
9	L2	0.73	mH
10	R2	2.74	Ohms
11	RMSE-load	0.33	Ohms
12	Vas(Sd)	81.12	liters
13	Mms	43.19	grams
14	Cms	205	$\mu\text{M}/\text{Newton}$
15	Bl	11.86	Tesla-M
16	SPLref(Sd)	97.2	dB[Re]
17	Rub-index	0.03	

Method: Mass-loaded (80.00 grams)

Area (Sd): 530.93 sq cm

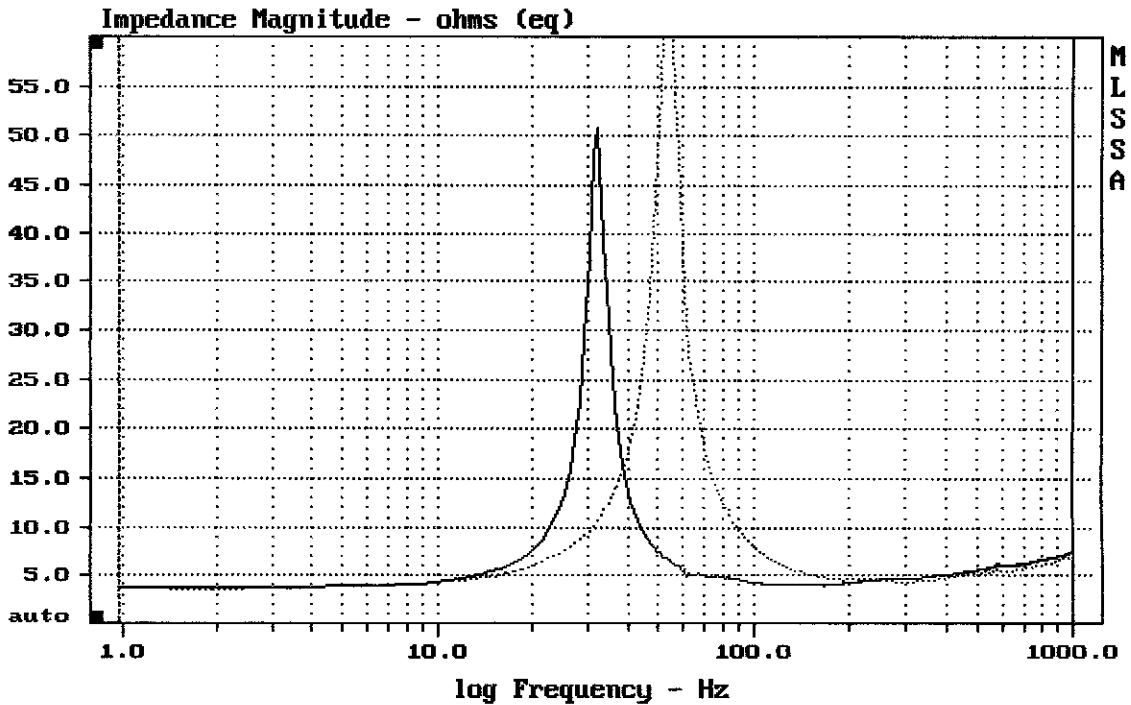
DCR mode: Measure (-0.14 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -40.0% (-20% to -50% is recommended).

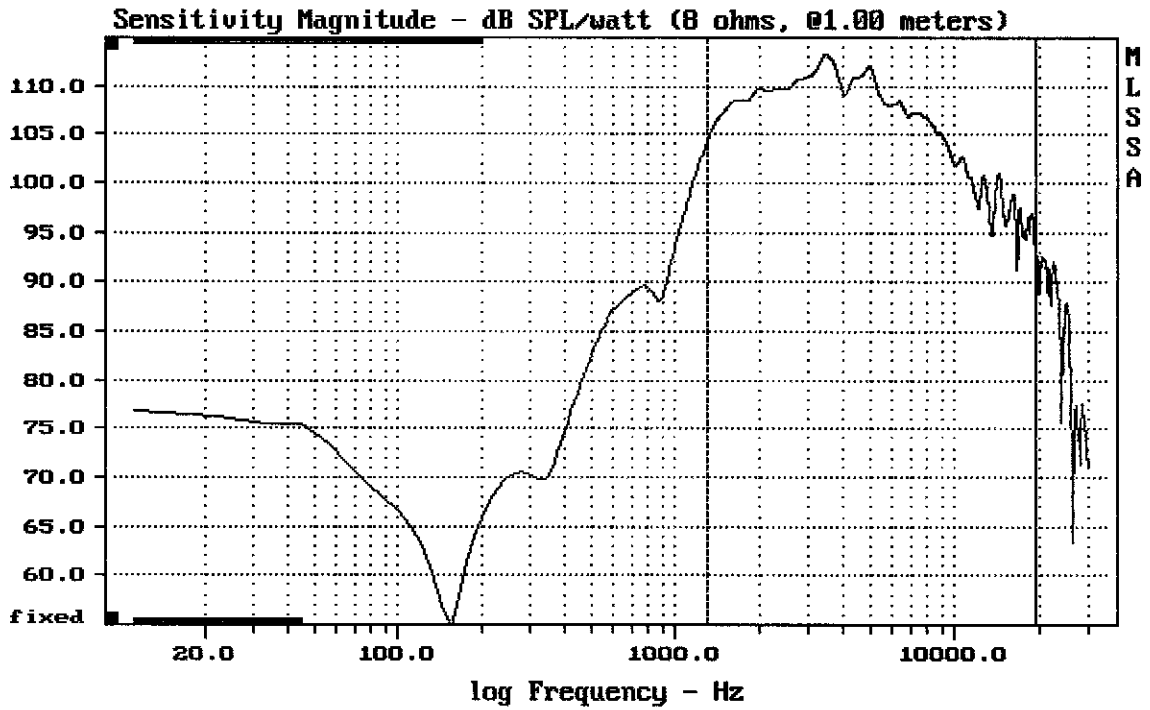
12" FROM ART412-A

MLSSA: Parameters



mean: 6.686, rms: 9.057, std: 6.11, max: 66.4, min: 3.59

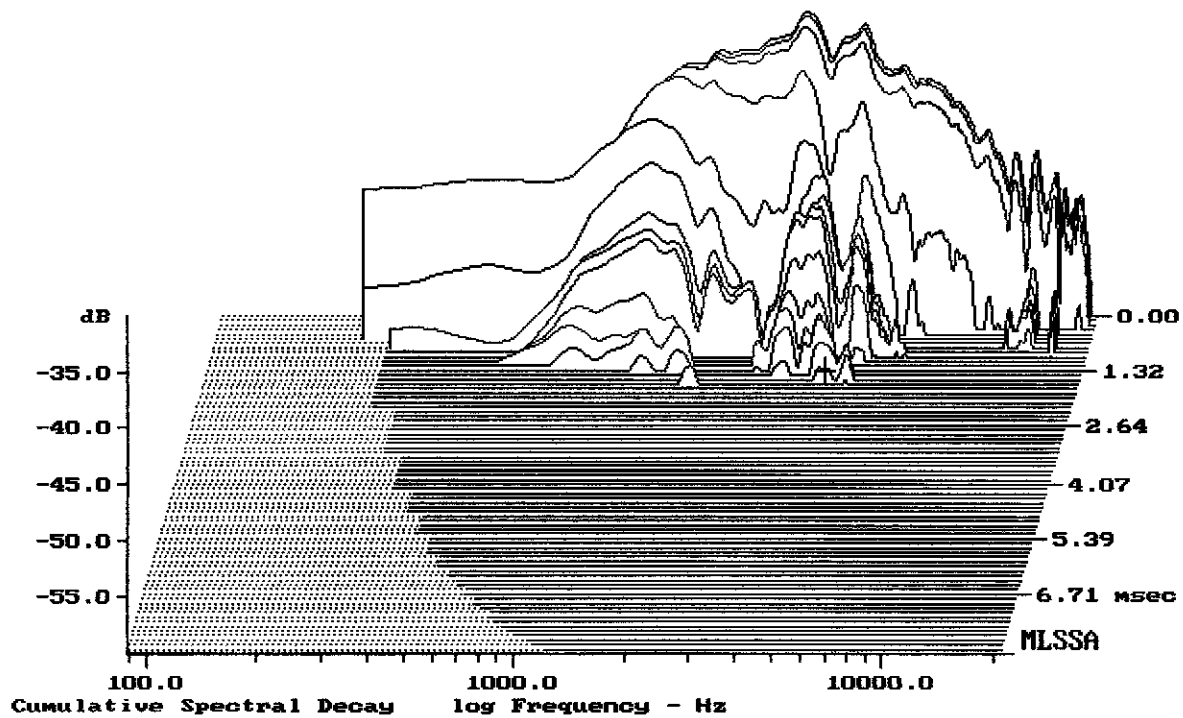
MLSSA: Frequency Domain



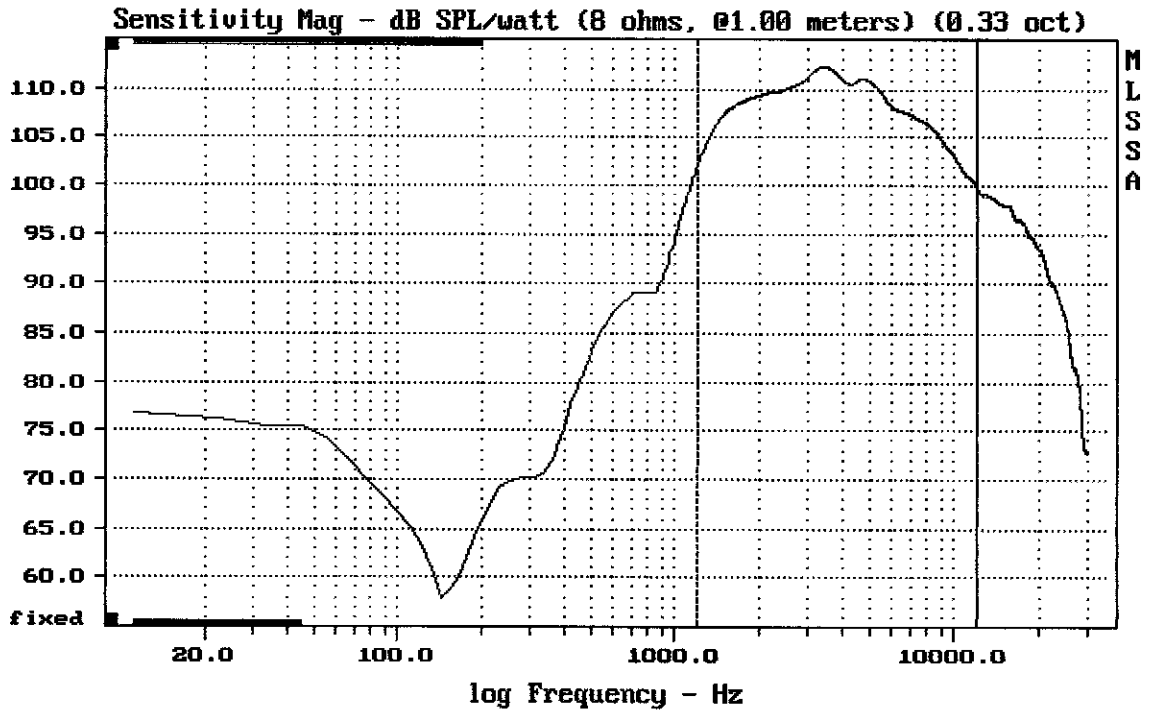
Level (1298:19398 Hz) = 108.36 dB SPL/watt (8 ohms, @1.00 meters)

ND1411-M + HORN ART412-A

MLSSA: Frequency Domain



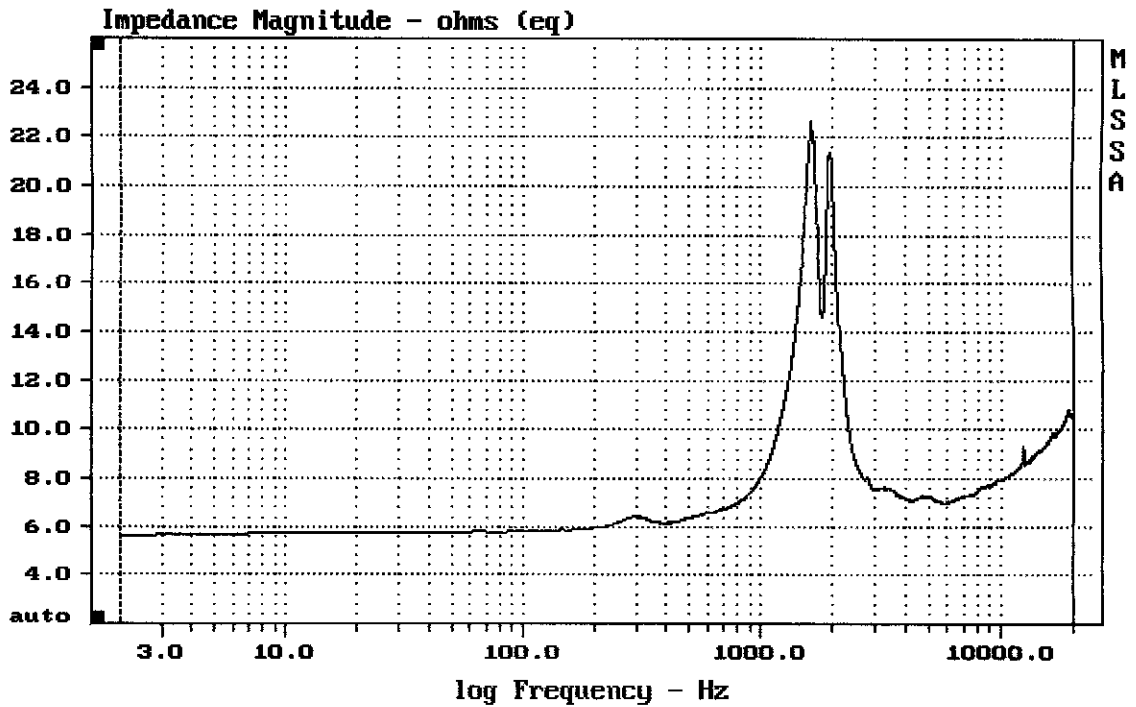
-59.14 dB, 4306 Hz (97), 1.540 msec (15)



Level (1199:11996 Hz) = 109.02 dB SPL/watt (8 ohms, @1.00 meters) (0.33 oct)

ND1411-M + HORN ART412-A

MLSSA: Frequency Domain



mean: 8.843, rms: 9.129, std: 2.269, max: 22.65, min: 5.565

ND1411-M + HORN ART412-A