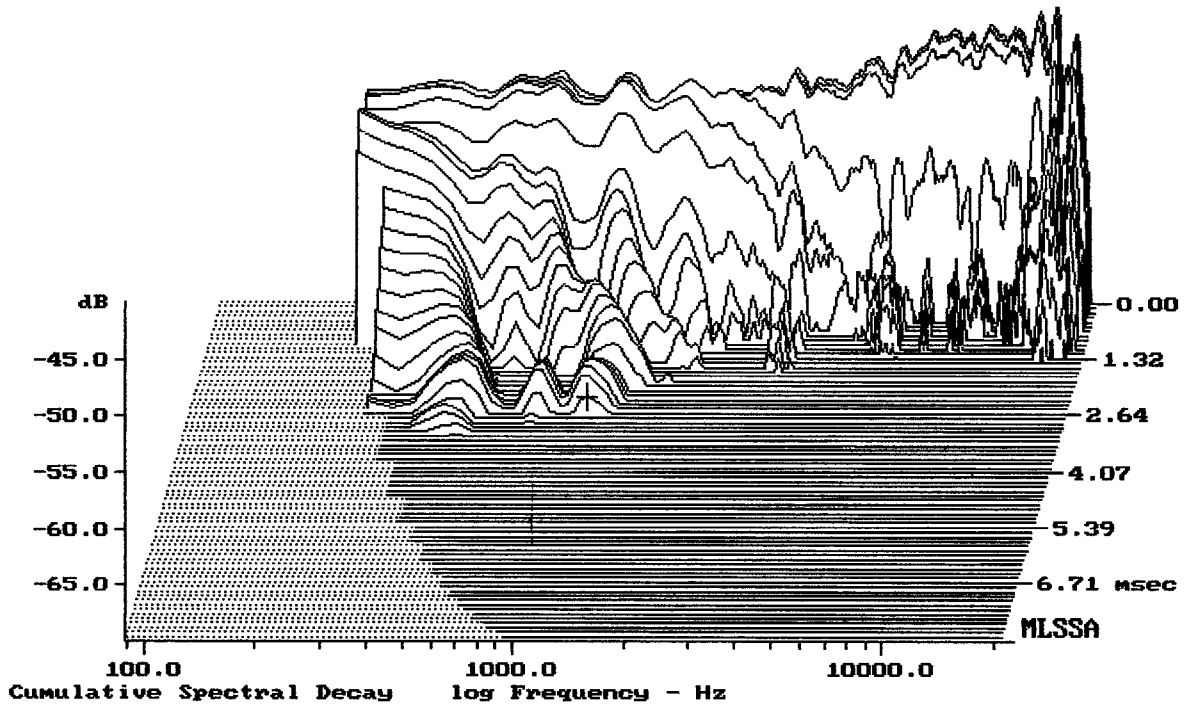


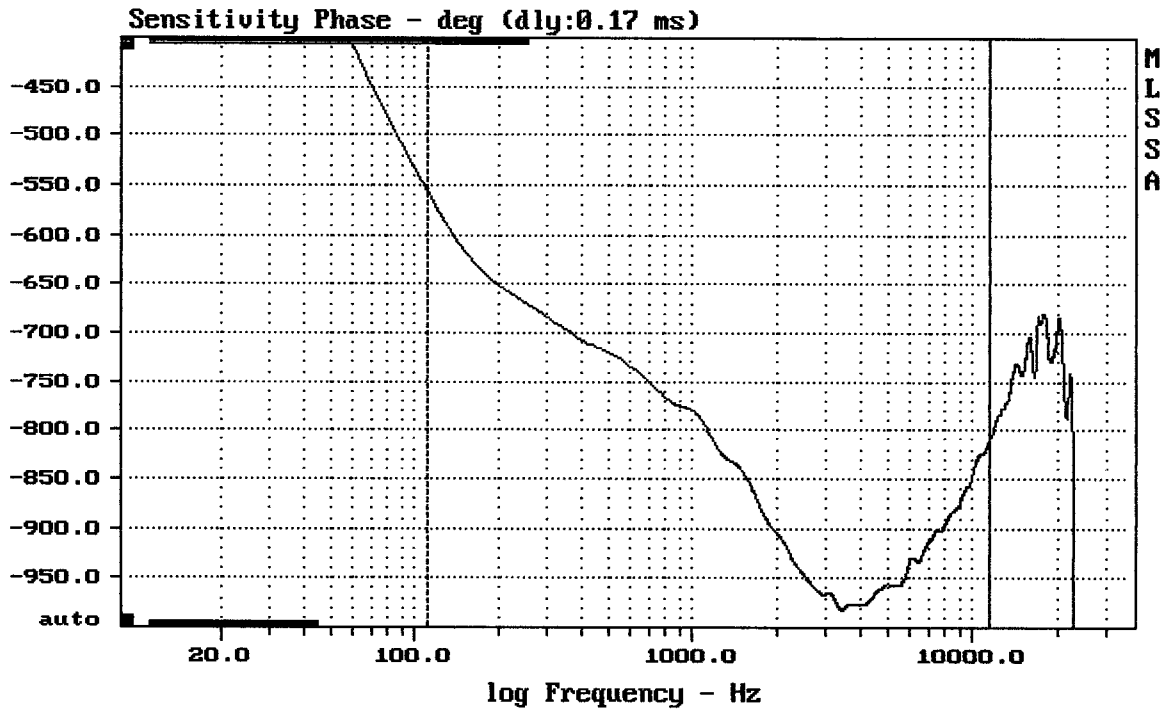
mean: 100.26, rms: 100.54, std: 1.99, max: 104.28, min: 91.45

ART415-A

MLSSA: Frequency Domain



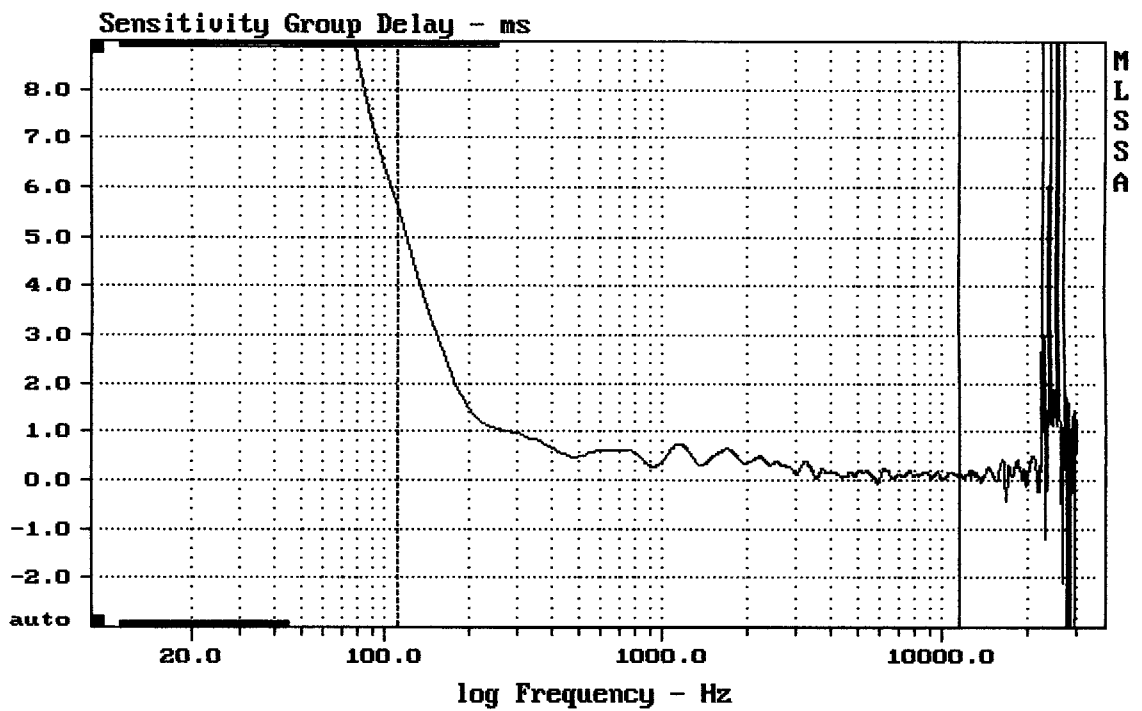
-68.52 dB, 1065 Hz (24), 2.640 msec (25)



mean: -890.5, rms: 893.5, std: 72.99, max: -556.3, min: -981.6

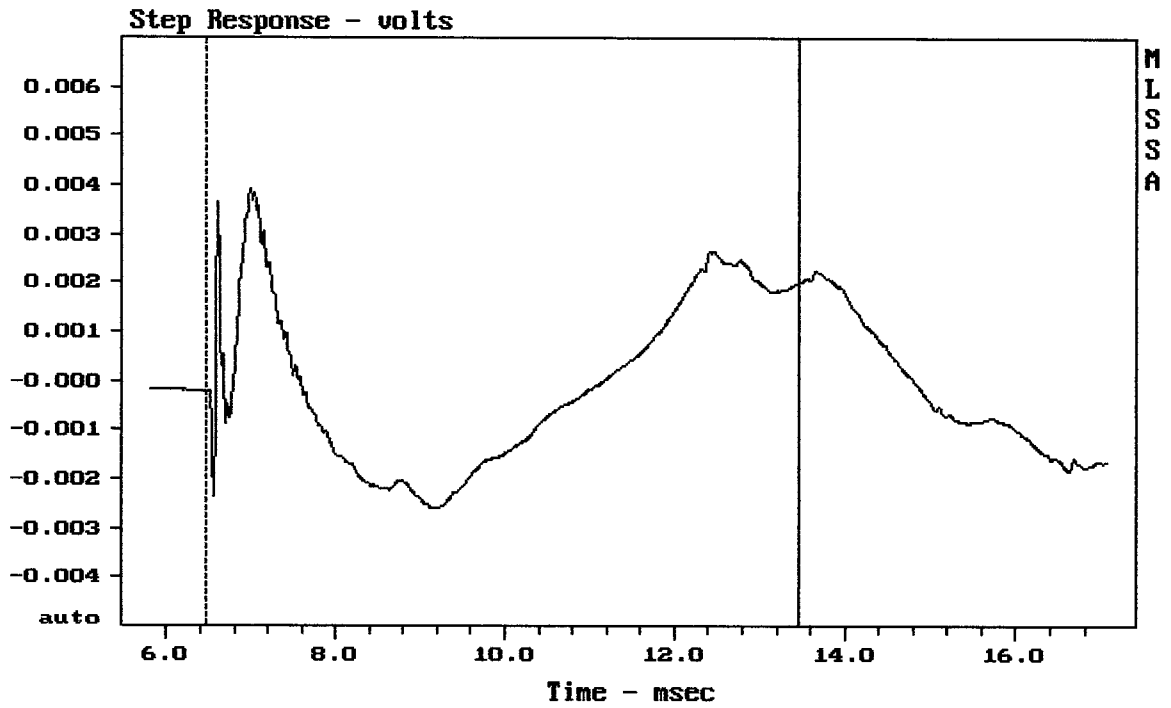
ART415-A

MLSSA: Frequency Domain



mean: 0.2404, rms: 0.4327, std: 0.3598, max: 5.594, min: -0.05902

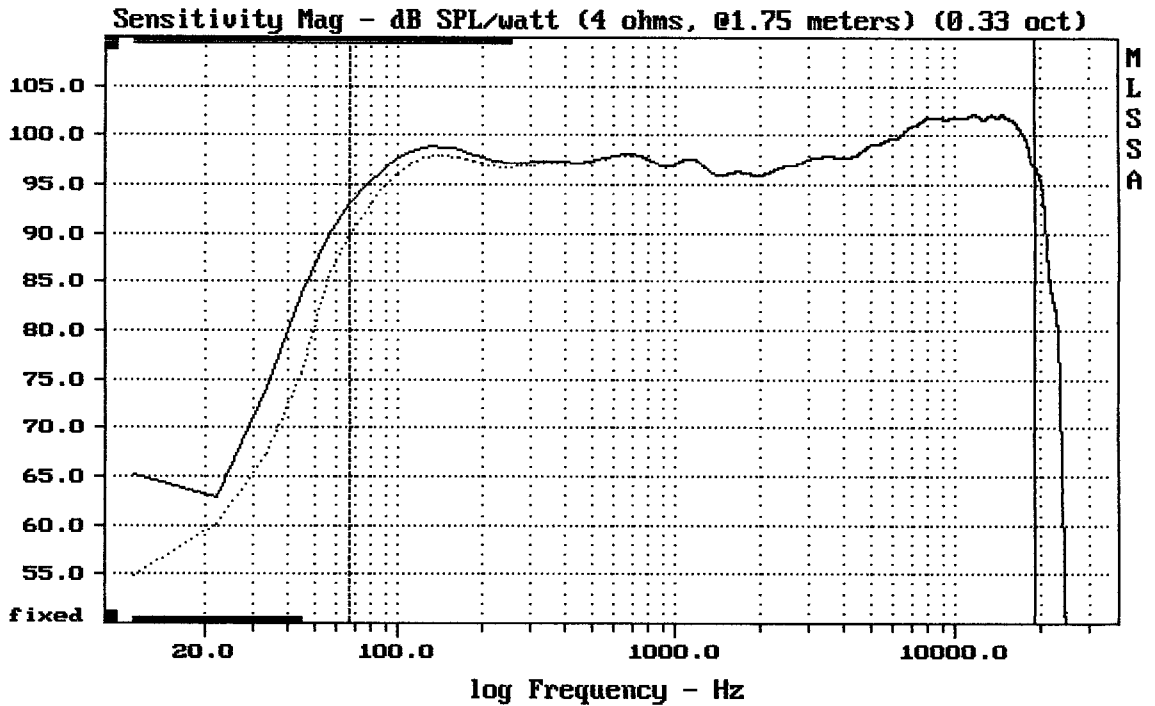
ART415-A



mean: $-2.564e-005$, rms: 0.001755, std: 0.001755, max: 0.003931, min: -0.002602

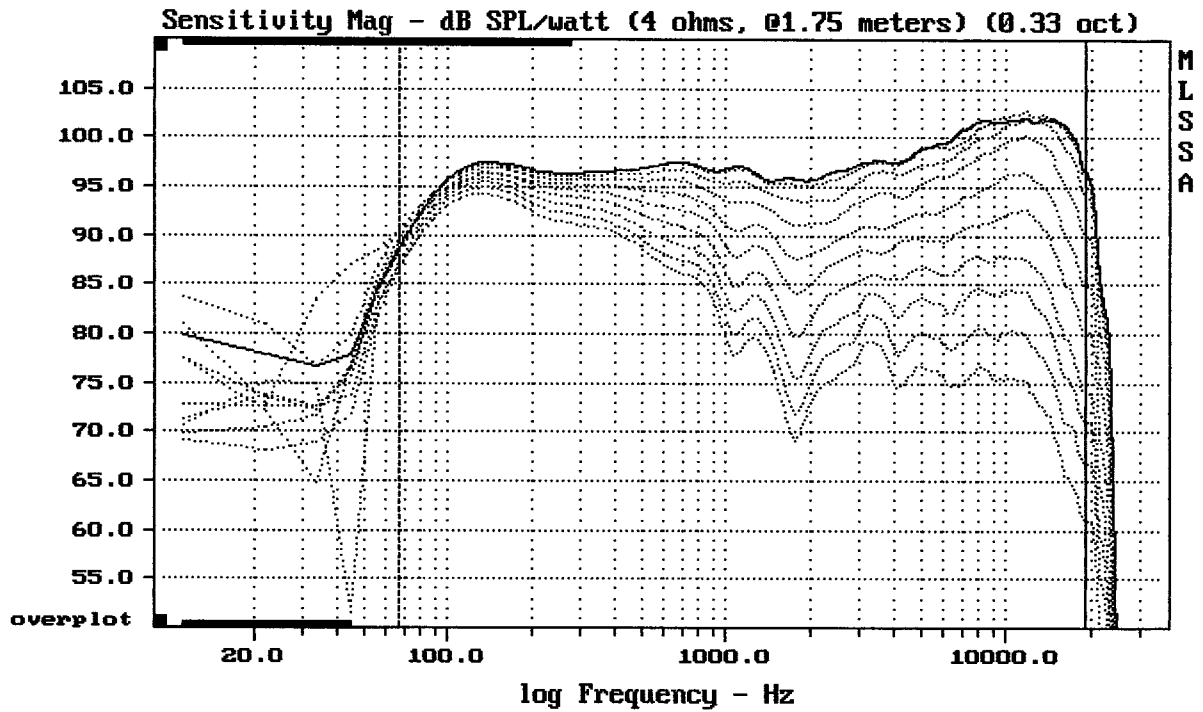
ART415-A

MLSSA: Time Domain



Overlay Compare: dev= +3.3/-0.039, std= 0.14, avg= 0.0095

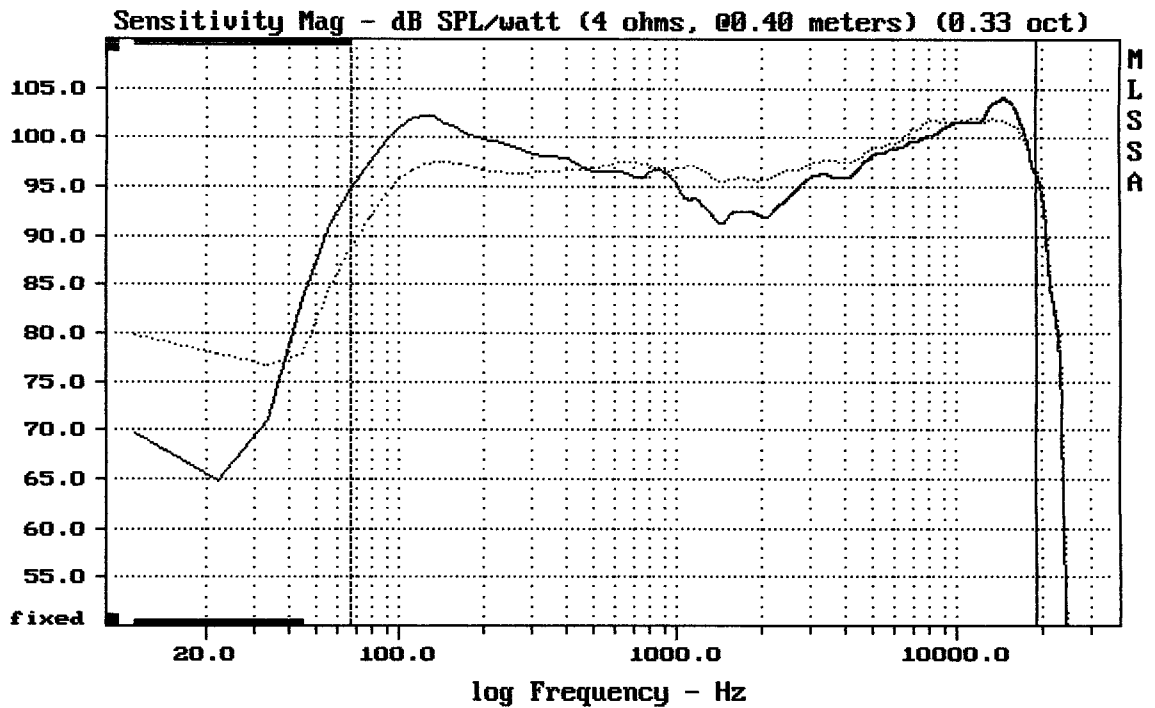
ART415-A



Overlay Compare: dev= +25/-9.7, std= 6.6, avg= -27

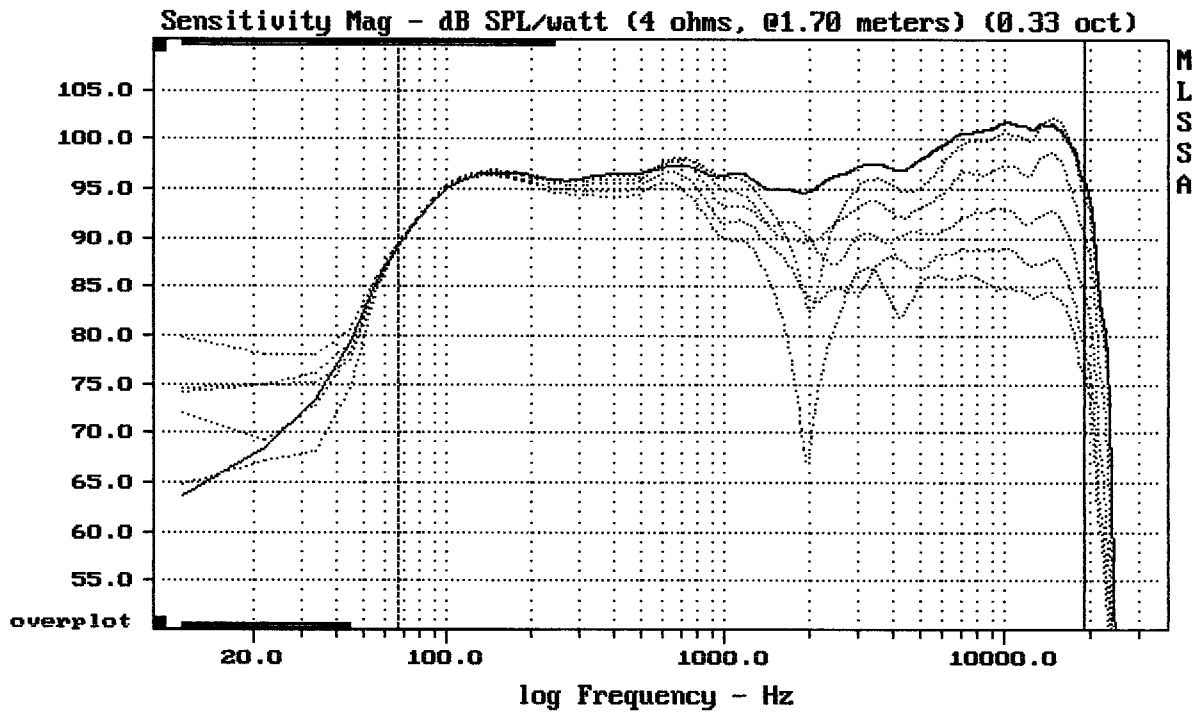
ART415-A

MLSSA: Frequency Domain



Overlay Compare: dev= +6.2/-4.2, std= 1.6, avg= -0.23

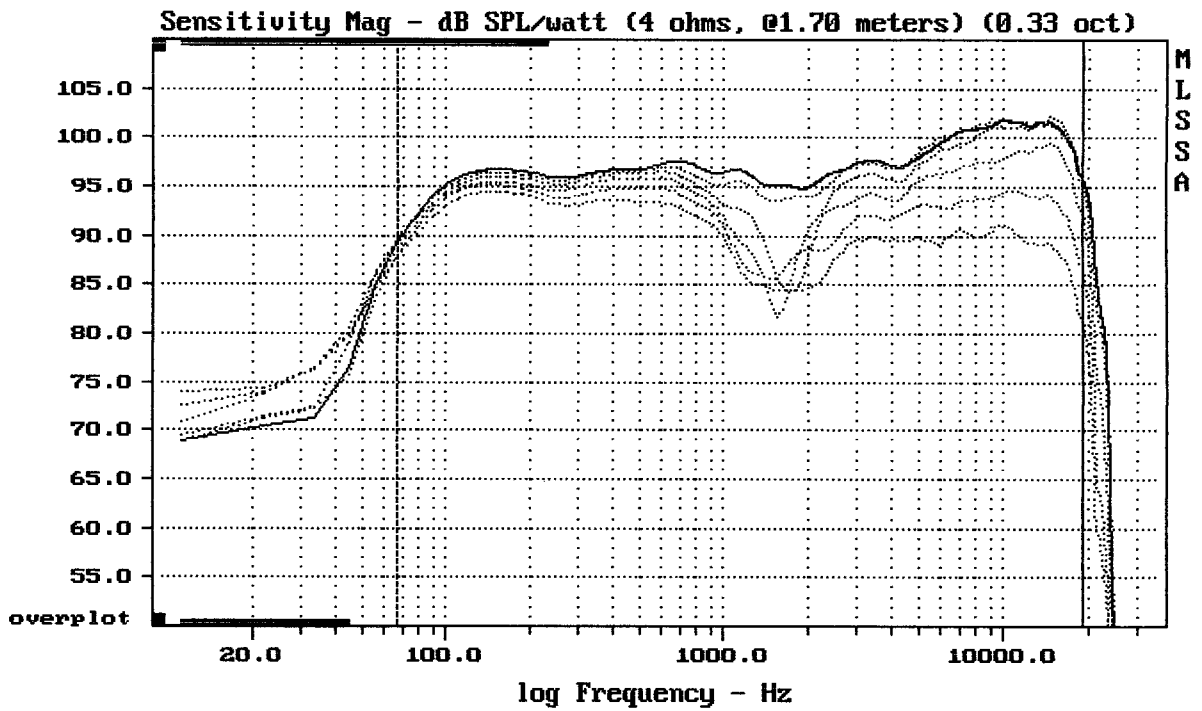
ART415-A



Overlay Compare: dev= +16/-12, std= 4.1, avg= -15

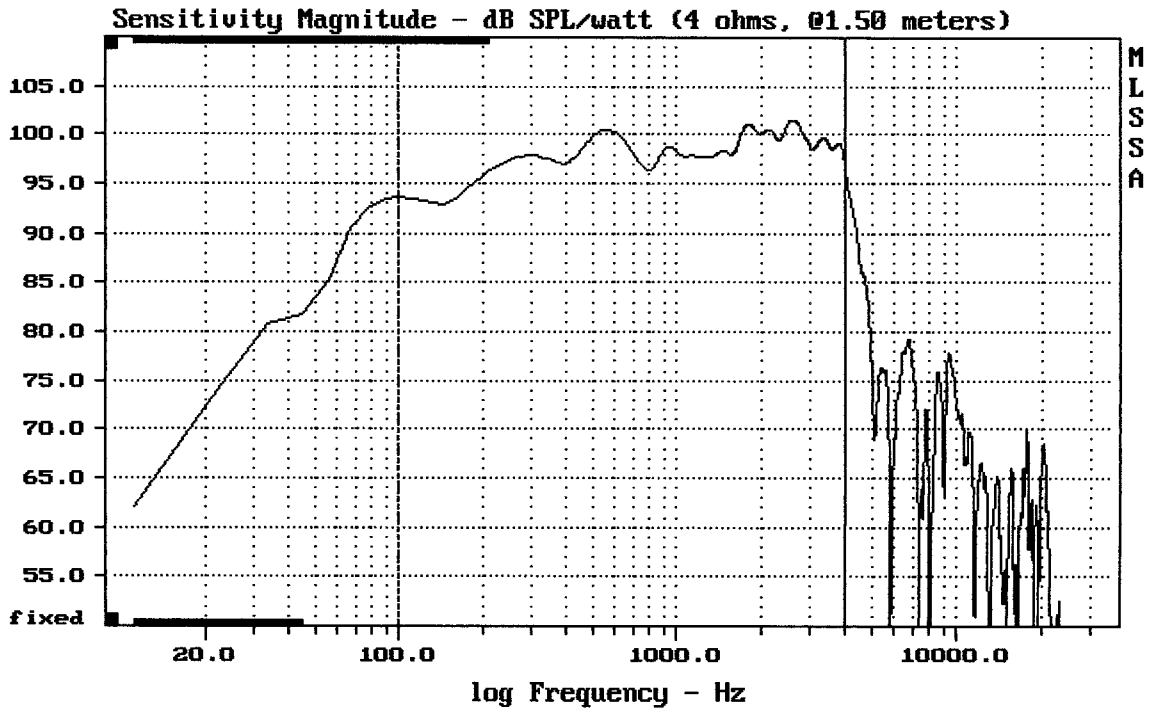
ART415-A

MLSSA: Frequency Domain



Overlay Compare: dev= +9.2/-4, std= 2.4, avg= -11

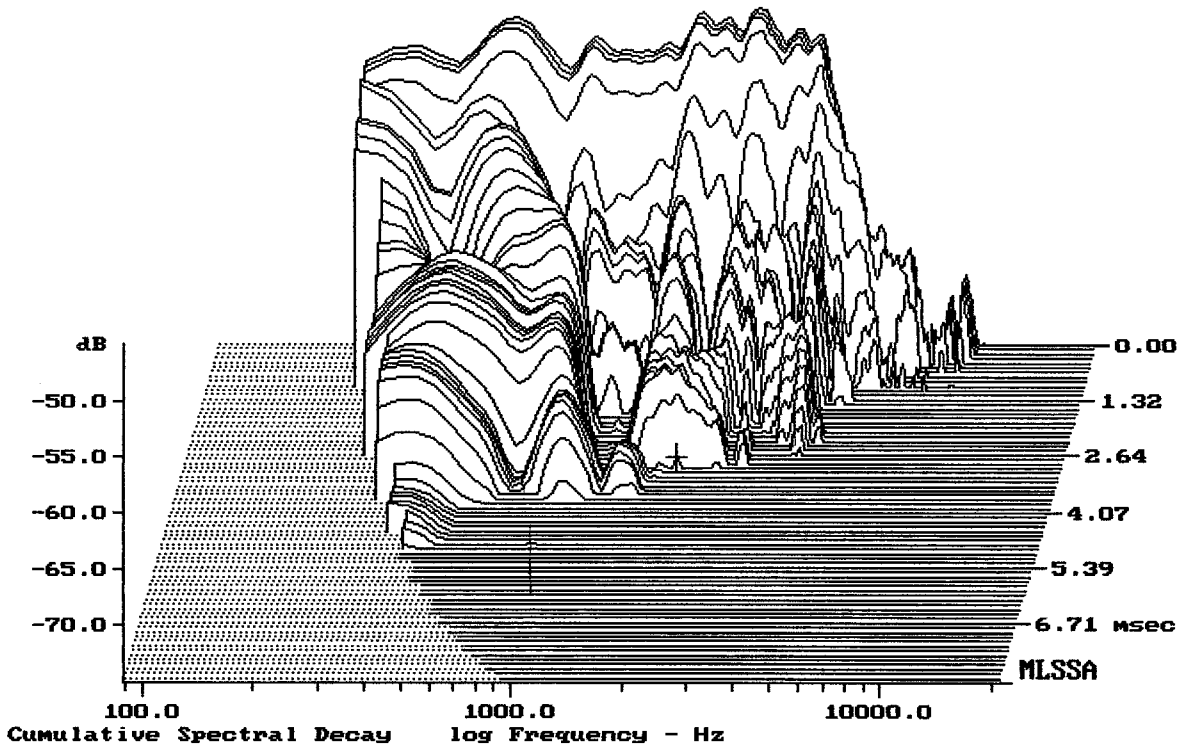
ART415-A



Level (100:4006 Hz) = 98.13 dB SPL/watt (4 ohms, @1.50 meters)

15" FROM ART415-A

MLSSA: Frequency Domain



-74.05 dB, 1909 Hz (43), 2.970 msec (28)

MLSSA SPO 4.0D #960903-3057-3075

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.31	Ohms
2	Fs	40.30	Hz
3	Re	3.52	Ohms[dc]
4	Res	59.56	Ohms
5	Qms	7.63	
6	Qes	0.45	
7	Qts	0.43	
8	L1	0.34	mH
9	L2	0.86	mH
10	R2	4.59	Ohms
11	RMSE-load	0.22	Ohms
12	Vas(Sd)	290.59	liters
13	Mms	55.15	grams
14	Cms	283	$\mu\text{M}/\text{Newton}$
15	B1	10.44	Tesla-M
16	SPLref(Sd)	98.1	dB[Re]
17	Rub-index	0.00	

Method: Mass-loaded (80.00 grams)

Area (Sd): 855.30 sq cm

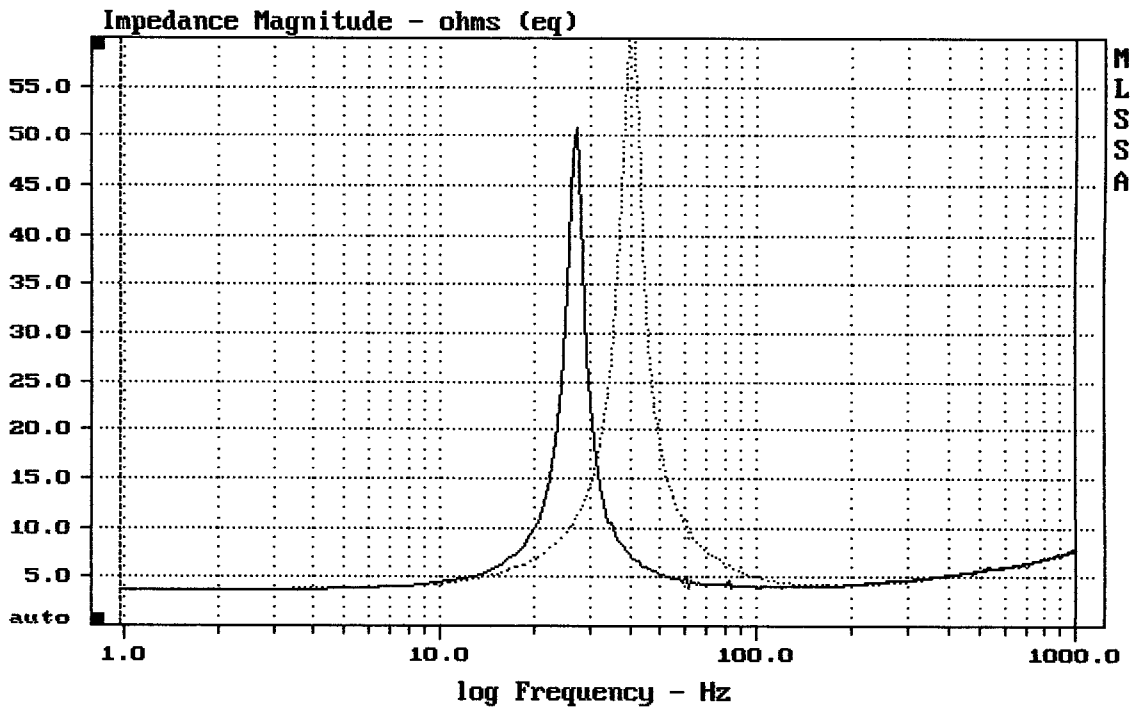
DCR mode: Measure (-0.14 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -33.2% (-20% to -50% is recommended).

15" FROM ART415-A

MLSSA: Parameters



mean: 6.48, rms: 8.012, std: 4.711, max: 62.35, min: 3.632

MLSSA: Frequency Domain