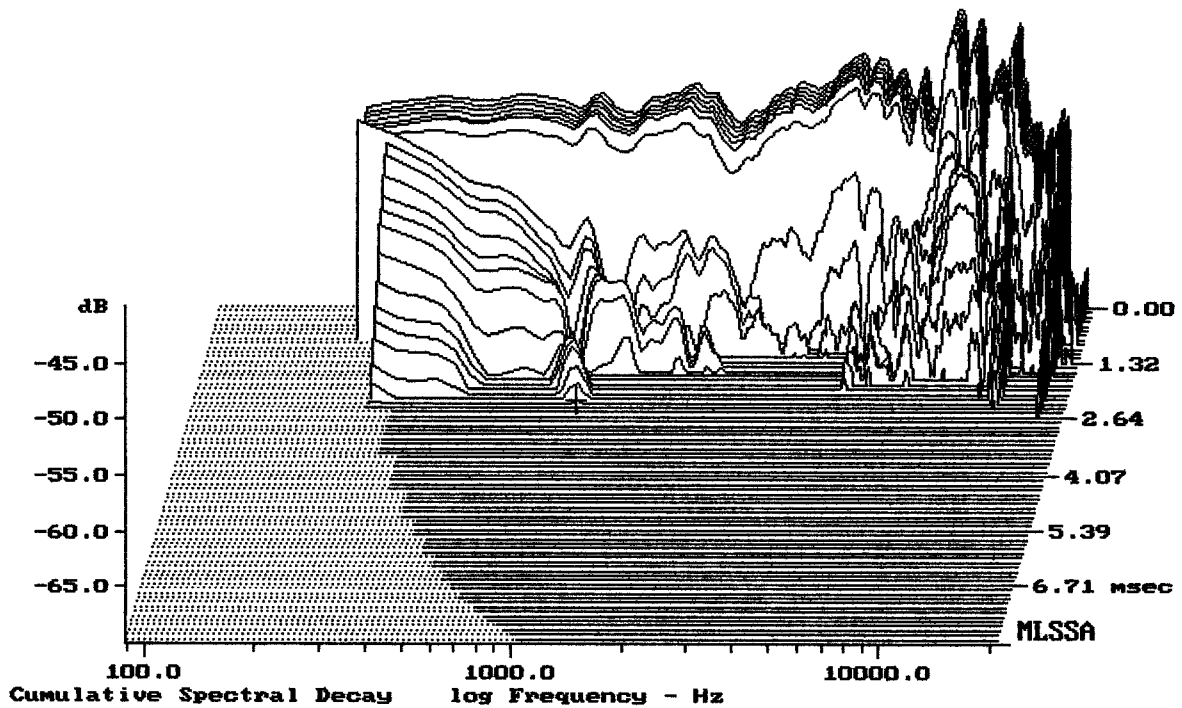


mean: 96.73, rms: 97.38, std: 2.94, max: 103.41, min: 79.43

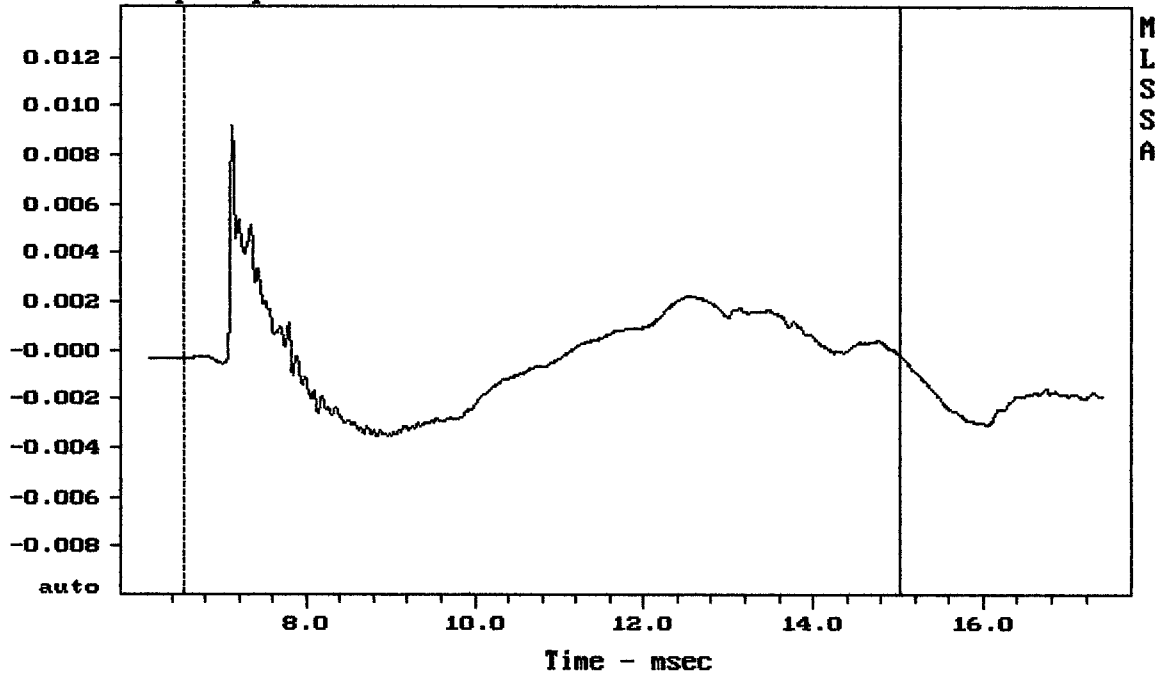
DAS AVANT 12A

MLSSA: Frequency Domain



-69.81 dB, 977 Hz (22), 2.310 msec (22)

Step Response - volts

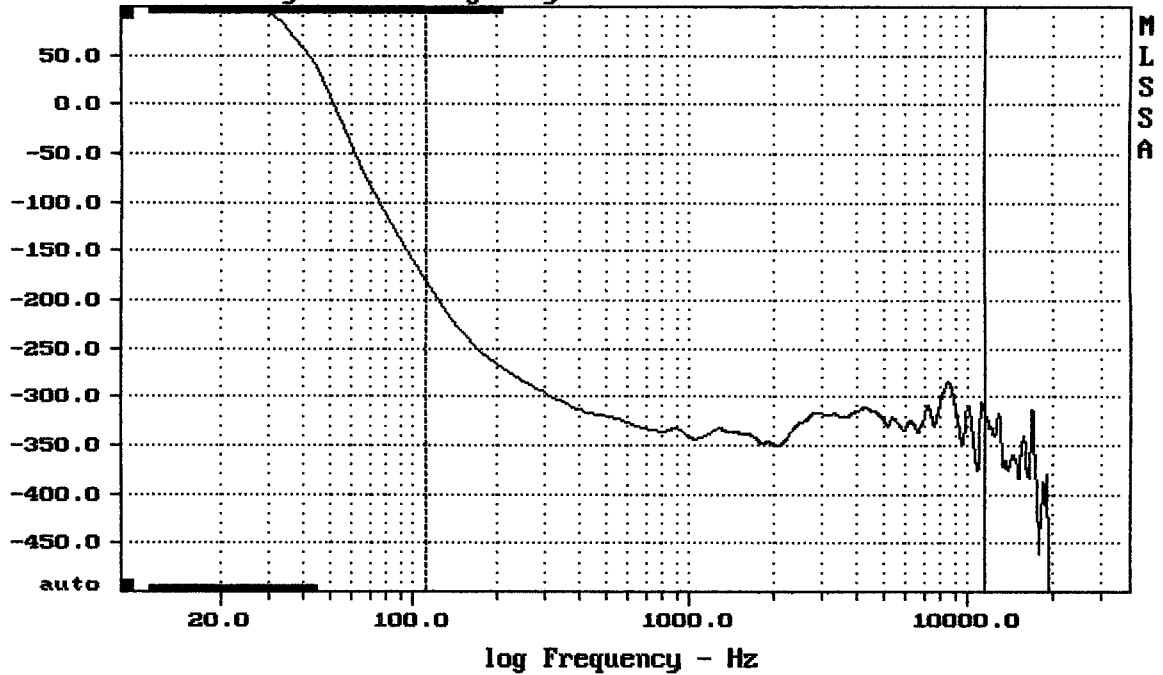


mean: -0.0001482, rms: 0.002007, std: 0.002002, max: 0.009207, min: -0.003536

DAS AVANT 12A

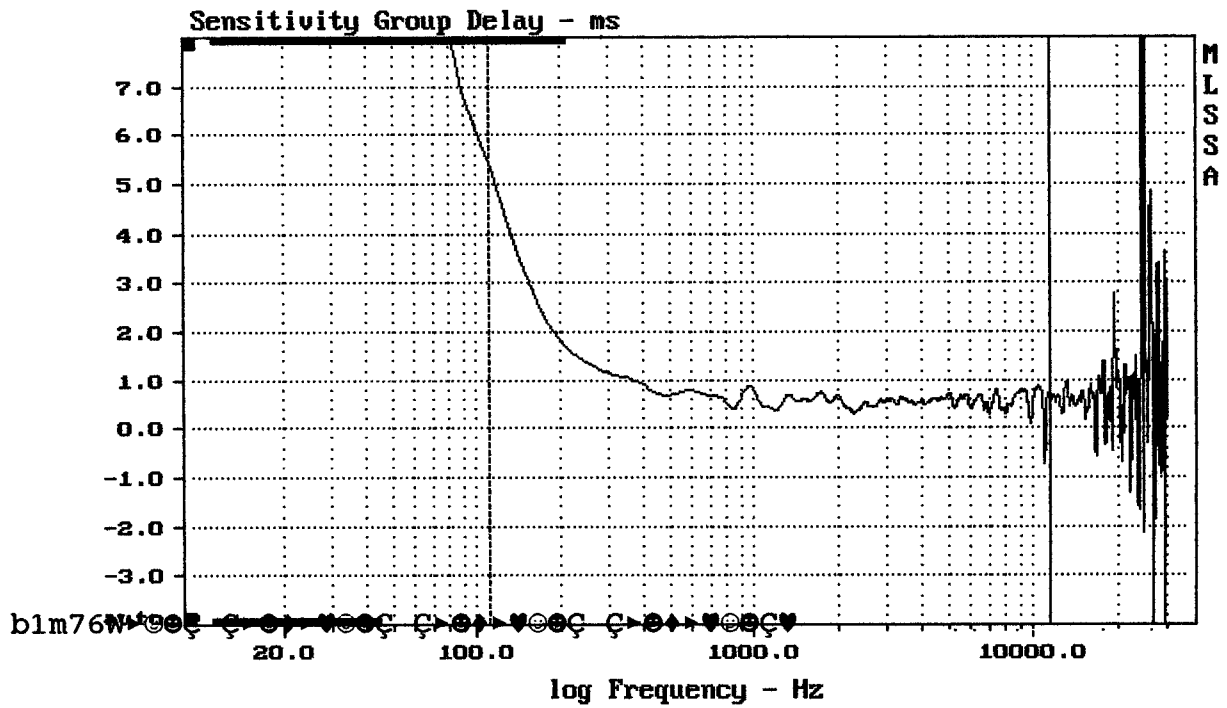
MLSSA: Time Domain

Sensitivity Phase - deg (dly:0.56 ms)



mean: -323.1, rms: 323.7, std: 19.21, max: -180.9, min: -374.7

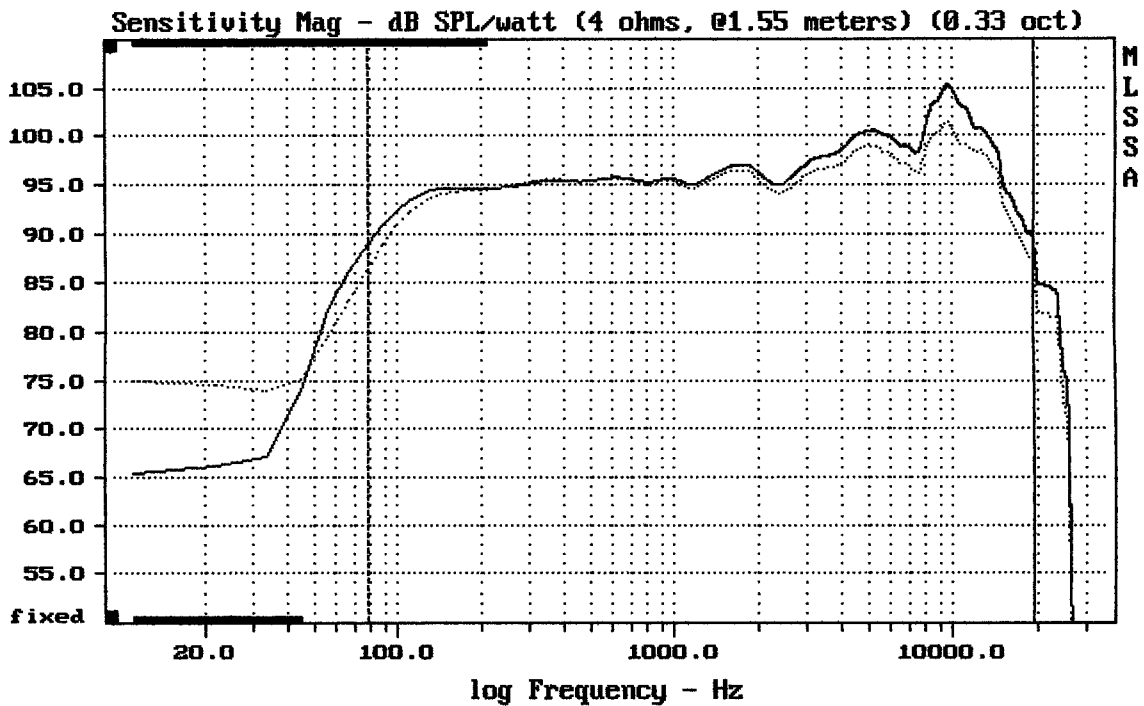
DAS AVANT 12A



mean: 0.5908, rms: 0.6846, std: 0.3459, max: 5.429, min: -0.7342

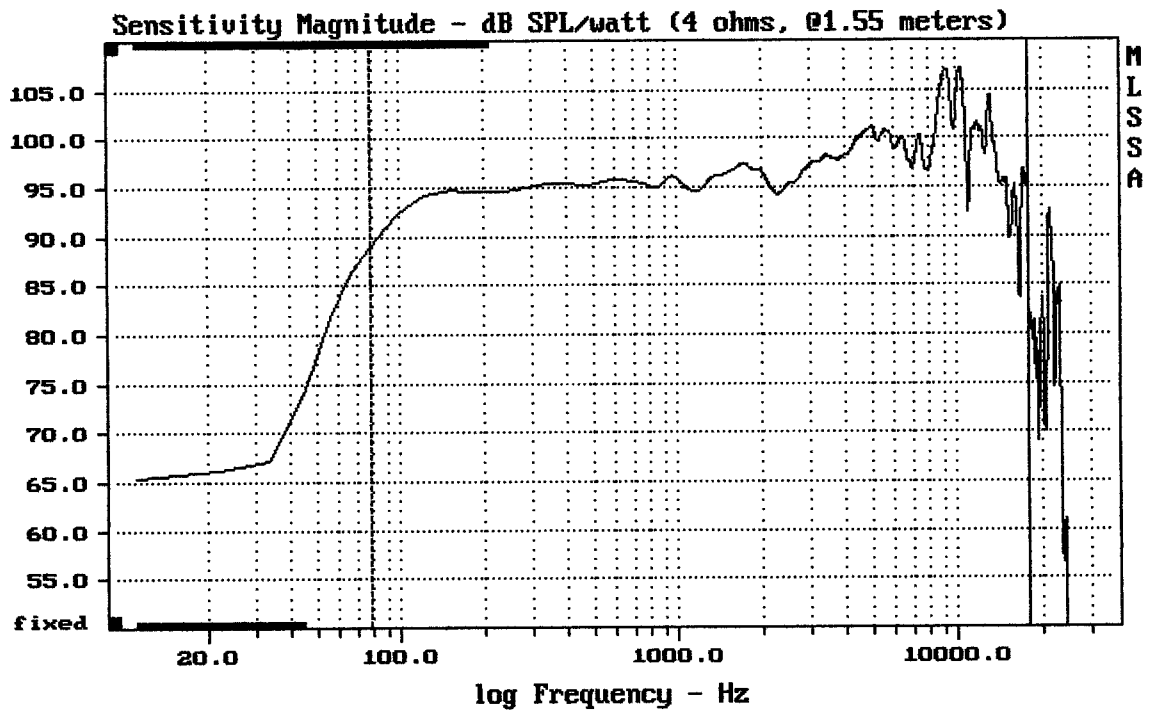
DAS AVANT 12A

MLSSA: Frequency Domain



Overlay Compare: dev= +2/-2.2, std= 0.98, avg= 2.1

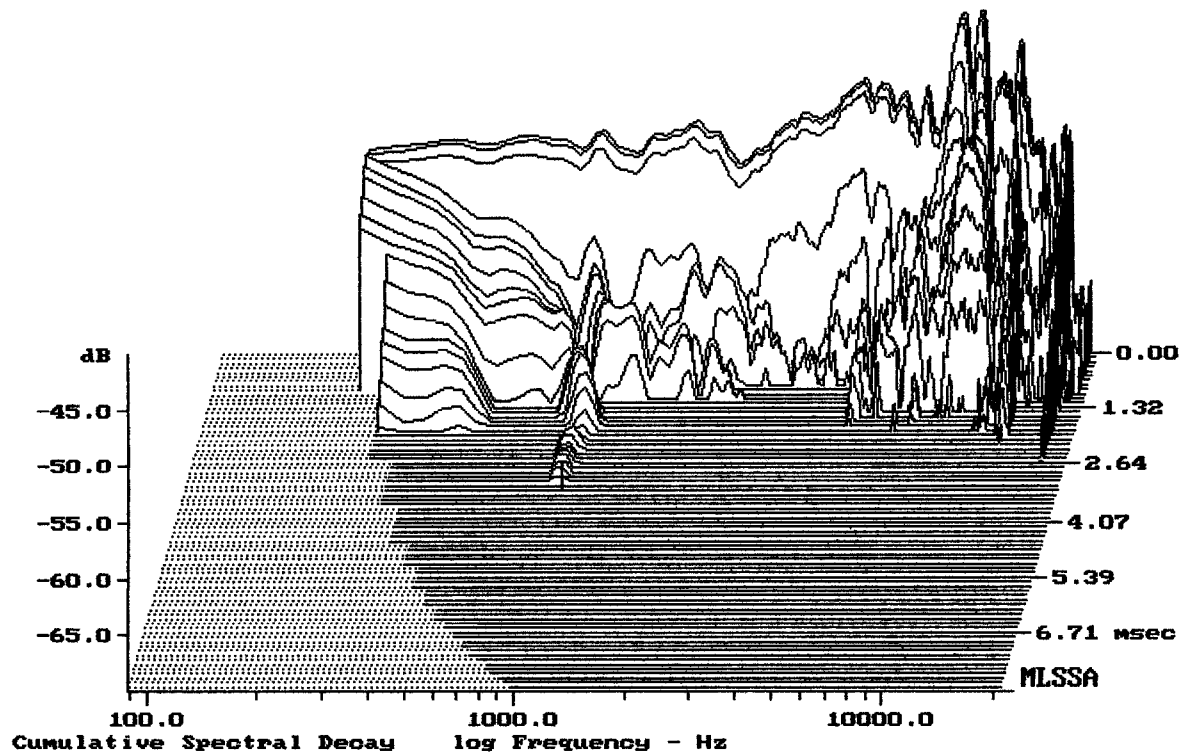
DAS AVANT 12A



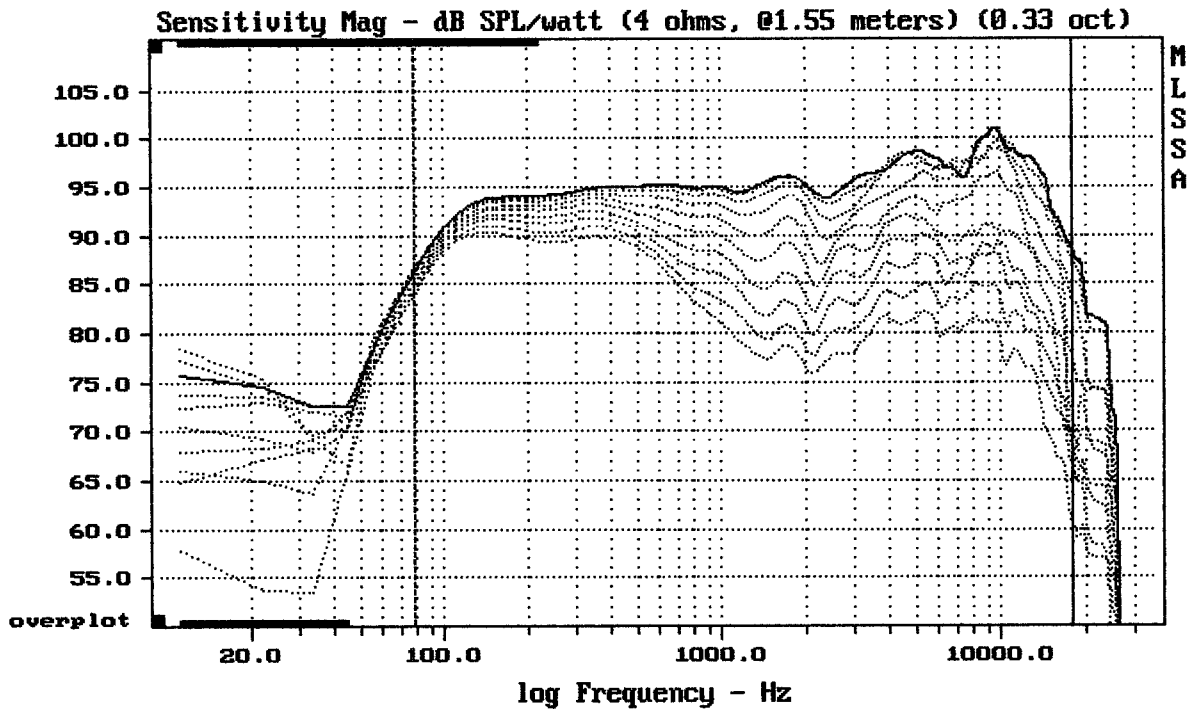
mean: 99.01, rms: 99.97, std: 3.49, max: 107.02, min: 82.14

DAS AVANT 12A

MLSSA: Frequency Domain



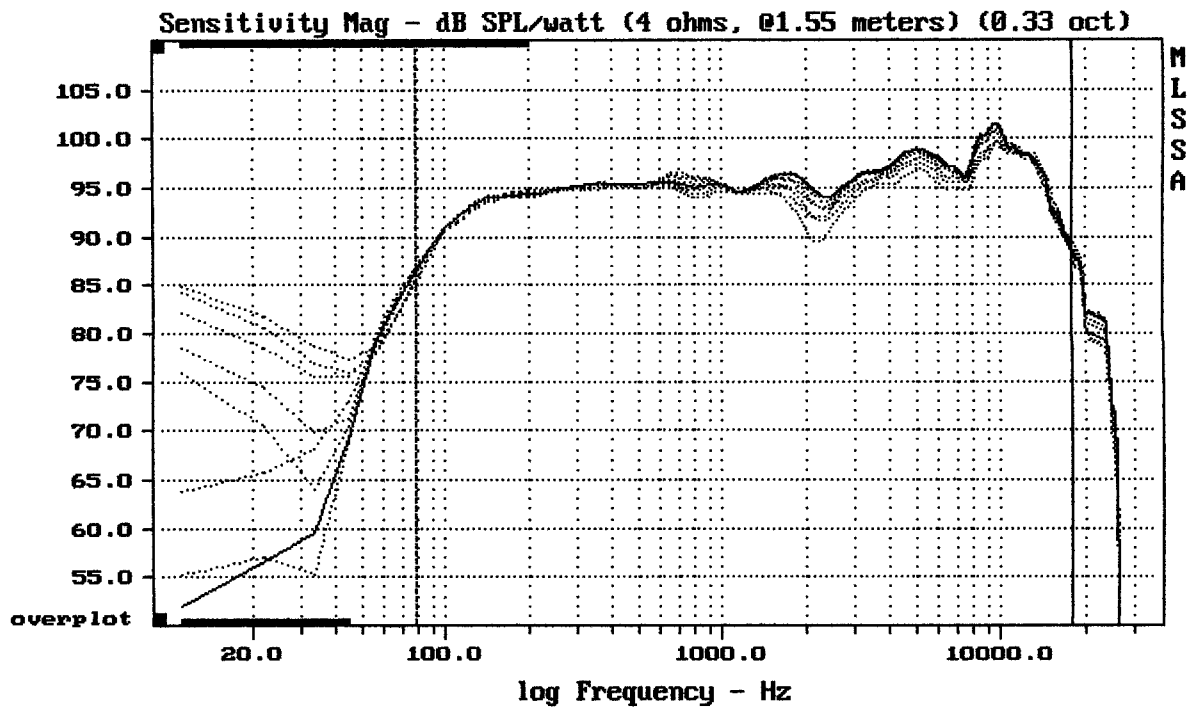
-69.56 dB, 932 Hz (21), 3.080 msec (29)



Overlay Compare: dev= +17/-8.5, std= 4.5, avg= -20

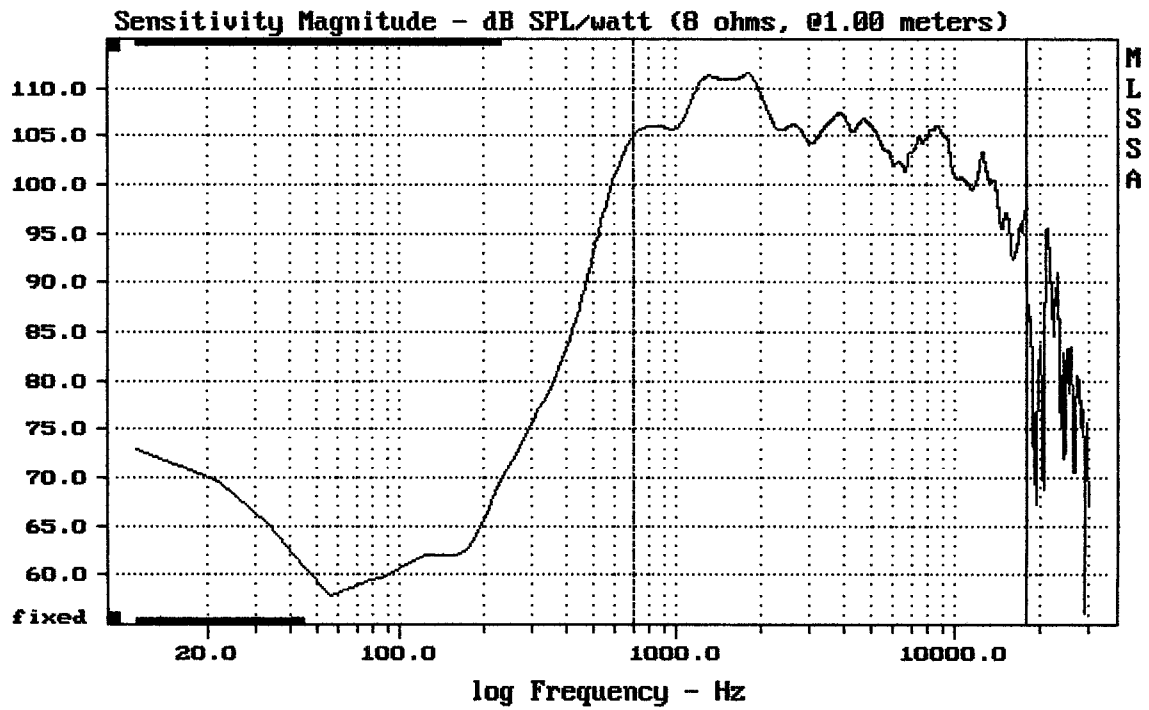
DAS AVANT 12A

MLSSA: Frequency Domain



mean: 95.89, rms: 96.26, std: 2.25, max: 99.61, min: 87.01

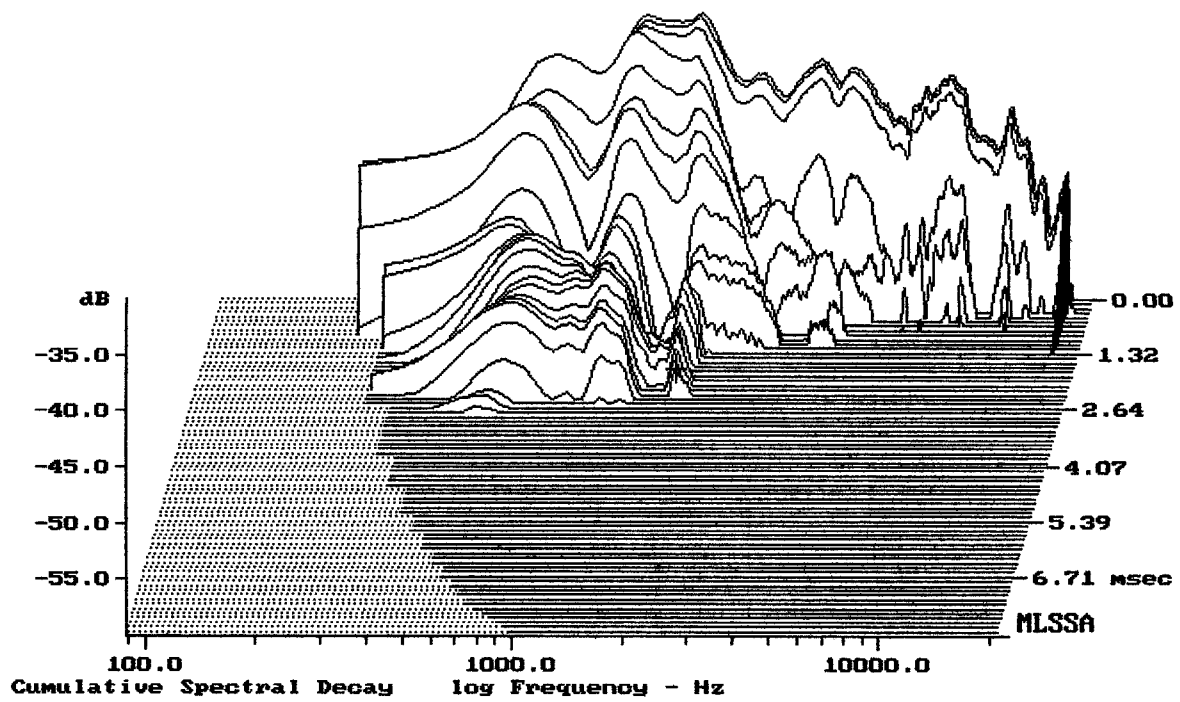
DAS AVANT 12A



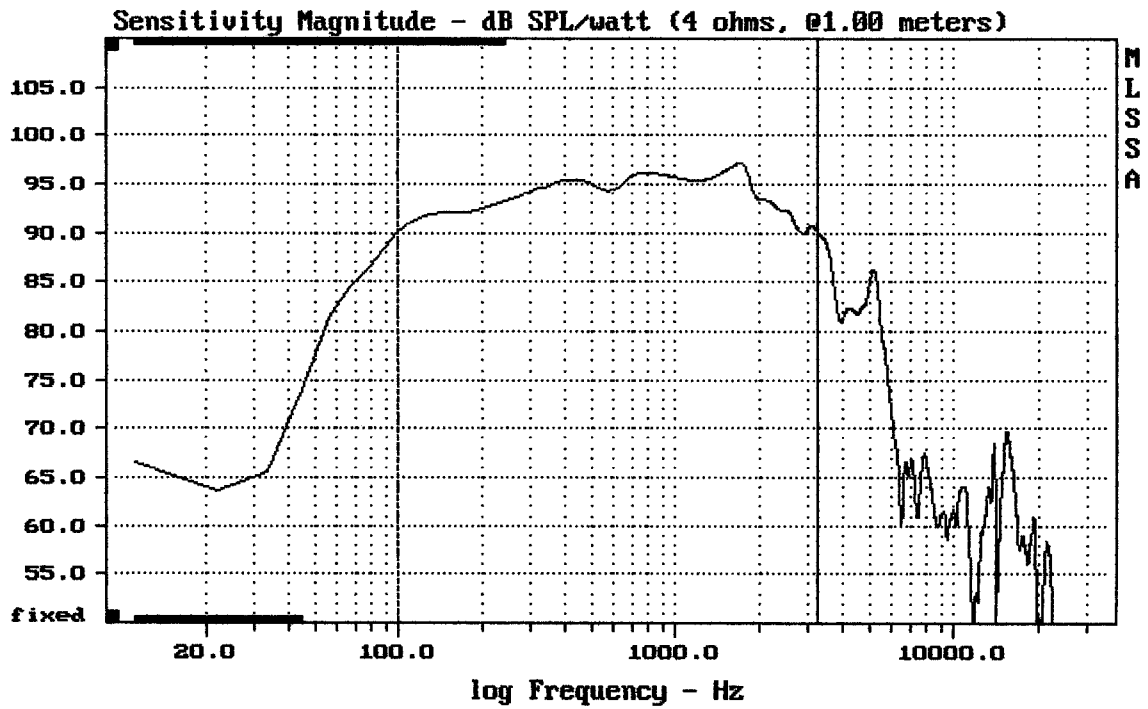
Level (699:18011 Hz) = 106.68 dB SPL/watt (8 ohms, @1.00 meters)

1" + HORN FROM DAS 12A [M-50N]

MLSSA: Frequency Domain



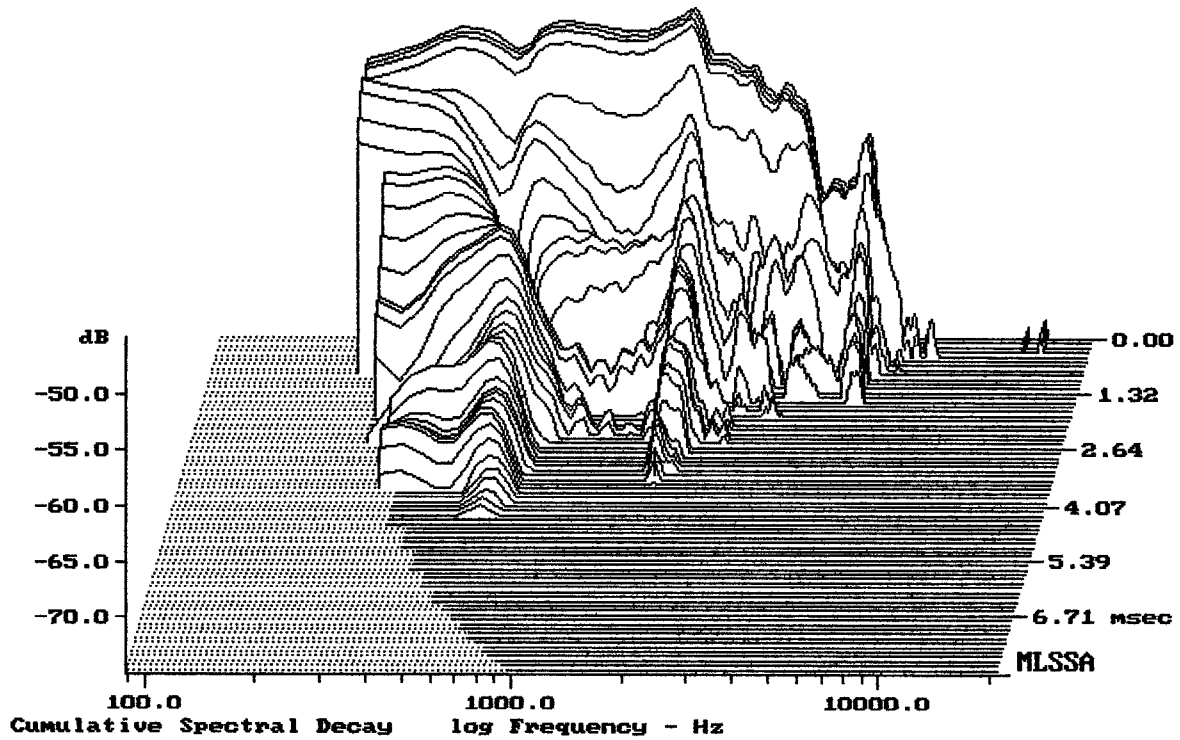
-57.71 dB, 1820 Hz (41), 2.310 msec (22)



Level (100:3252 Hz) = 94.29 dB SPL/watt (4 ohms, @1.00 meters)

12" FROM DAS AVANT 12A [12AV4]

MLSSA: Frequency Domain



-73.45 dB, 1731 Hz (39), 3.410 msec (32)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.38	Ohms
2	Fs	47.48	Hz
3	Re	3.41	Ohms[dc]
4	Res	29.88	Ohms
5	Qms	2.81	
6	Qes	0.32	
7	Qts	0.29	
8	L1	0.63	mH
9	L2	0.82	mH
10	R2	3.25	Ohms
11	RMSE-load	0.38	Ohms
12	Vas(Sd)	81.57	liters
13	Mms	54.53	grams
14	Cms	206	$\mu\text{M}/\text{Newton}$
15	B1	13.16	Tesla-M
16	SPLref(Sd)	96.2	dB[Re]
17	Rub-index	0.00	

Method: Mass-loaded (80.00 grams)

Area (Sd): 530.93 sq cm

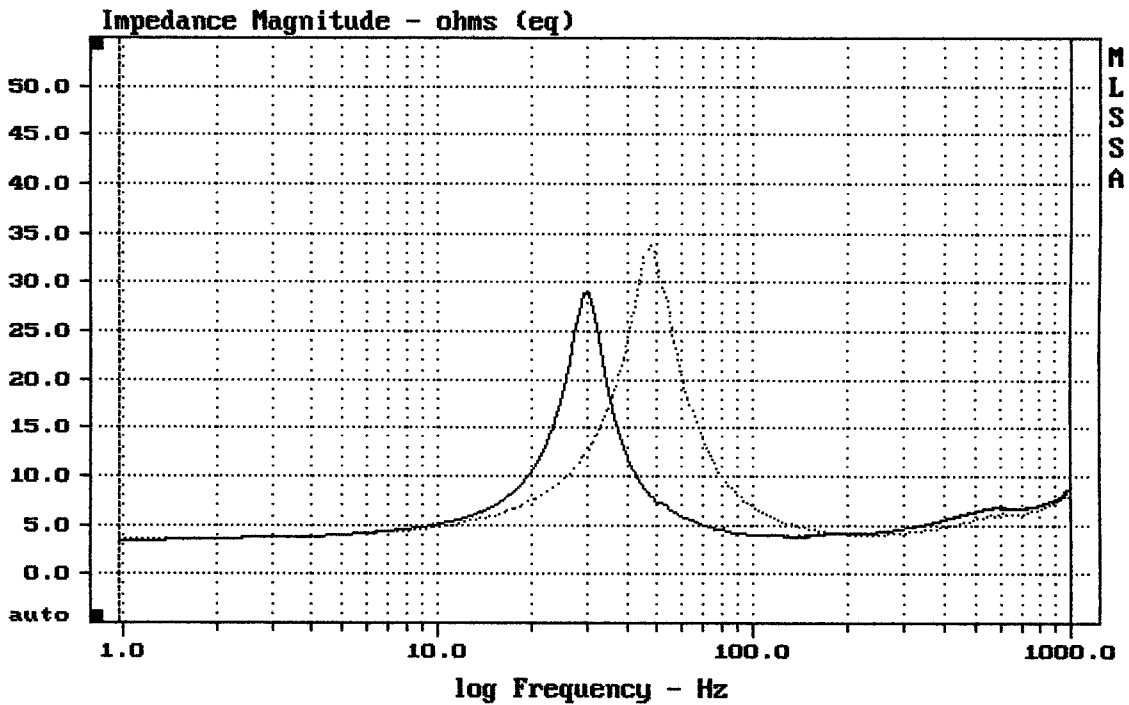
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -37.5% (-20% to -50% is recommended).

DAS 12AV4

MLSSA: Parameters



mean: 6.544, rms: 7.564, std: 3.793, max: 33.69, min: 3.517

MLSSA: Frequency Domain