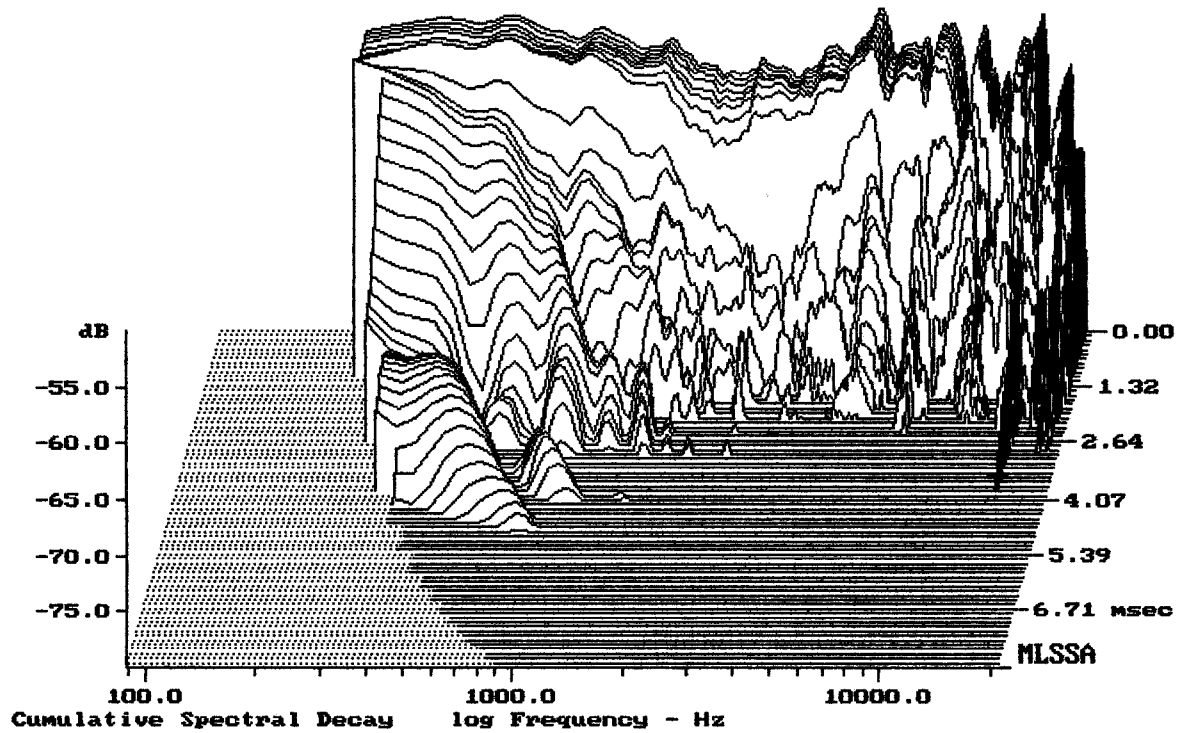


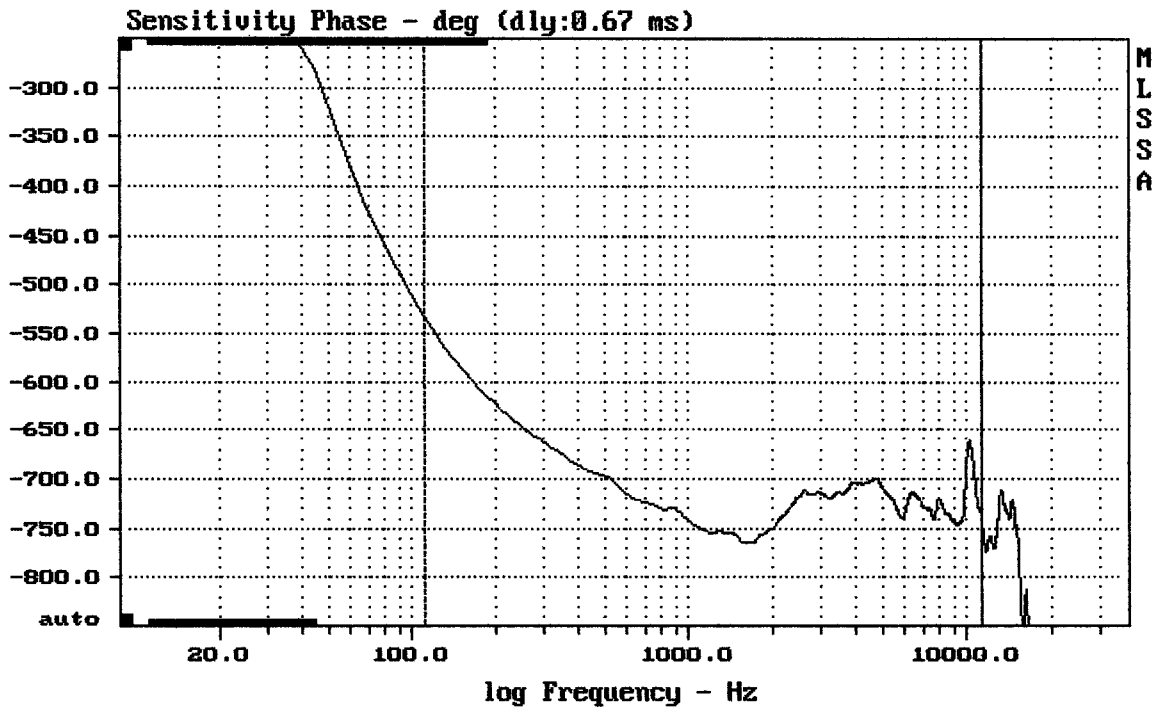
mean: 93.75, rms: 94.21, std: 2.50, max: 98.21, min: 72.06

HD1221

MLSSA: Frequency Domain



-78.95 dB, 15092 Hz (340), 3.740 msec (35)



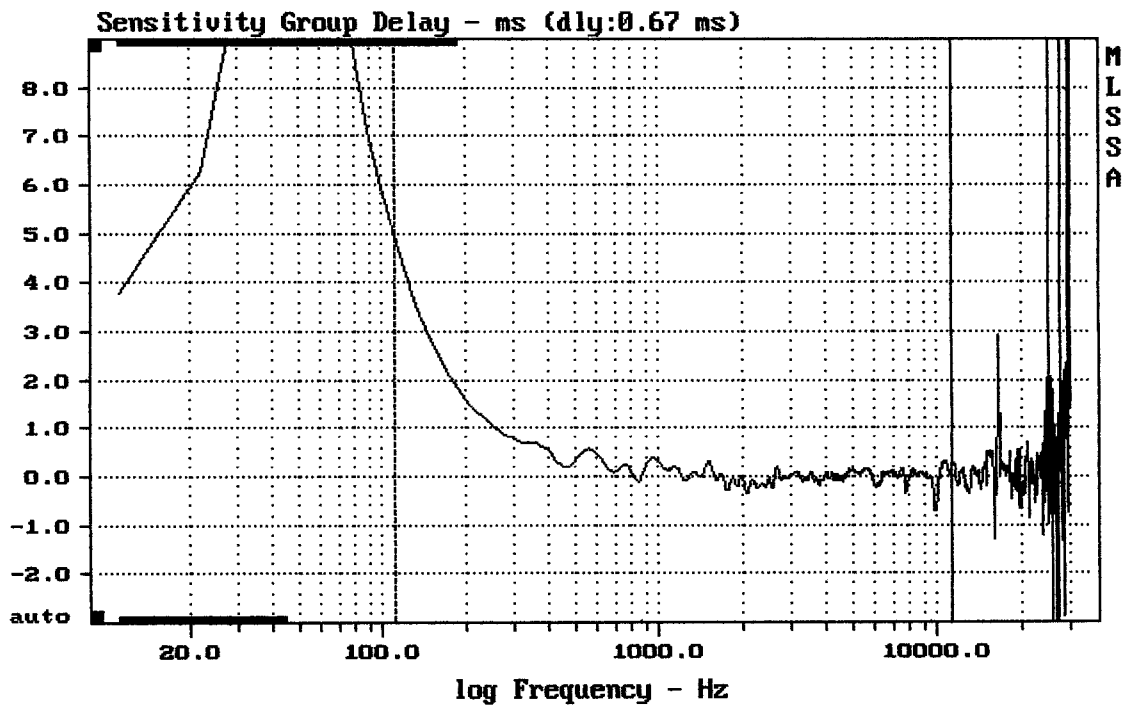
---

mean: -720.8, rms: 721.2, std: 25.47, max: -531.6, min: -765.2

---

HD1221

MLSSA: Frequency Domain

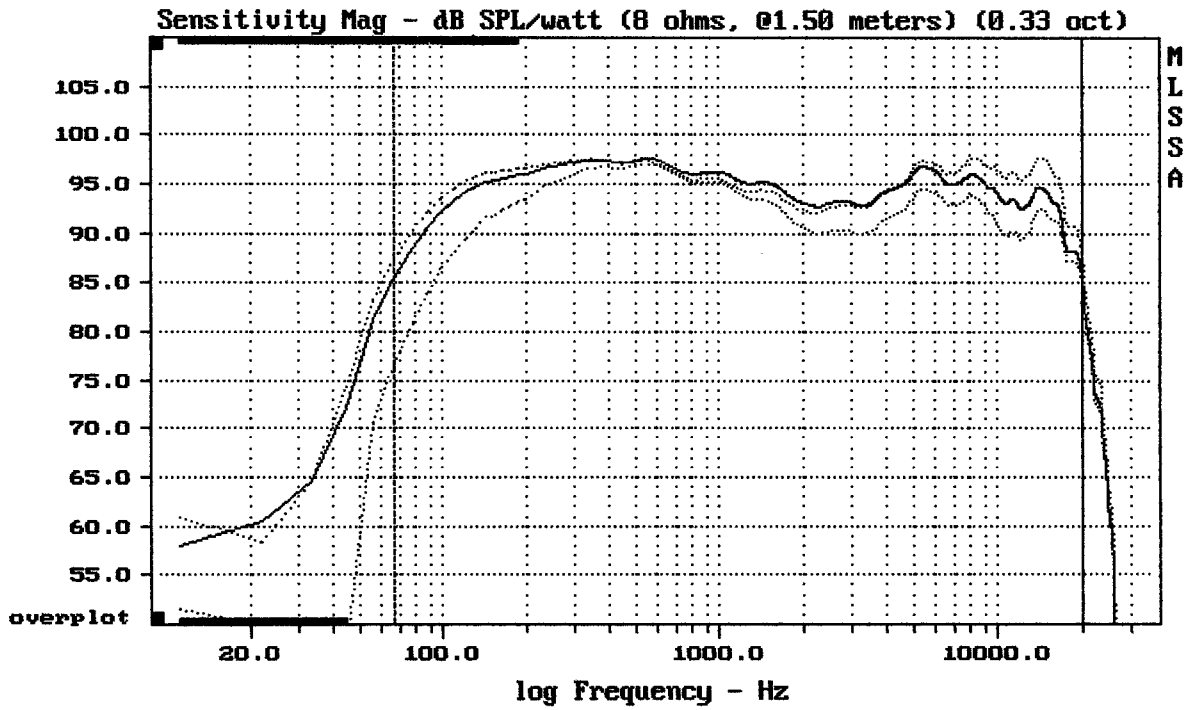


---

mean: 0.05549, rms: 0.3602, std: 0.3559, max: 4.966, min: -0.7171

---

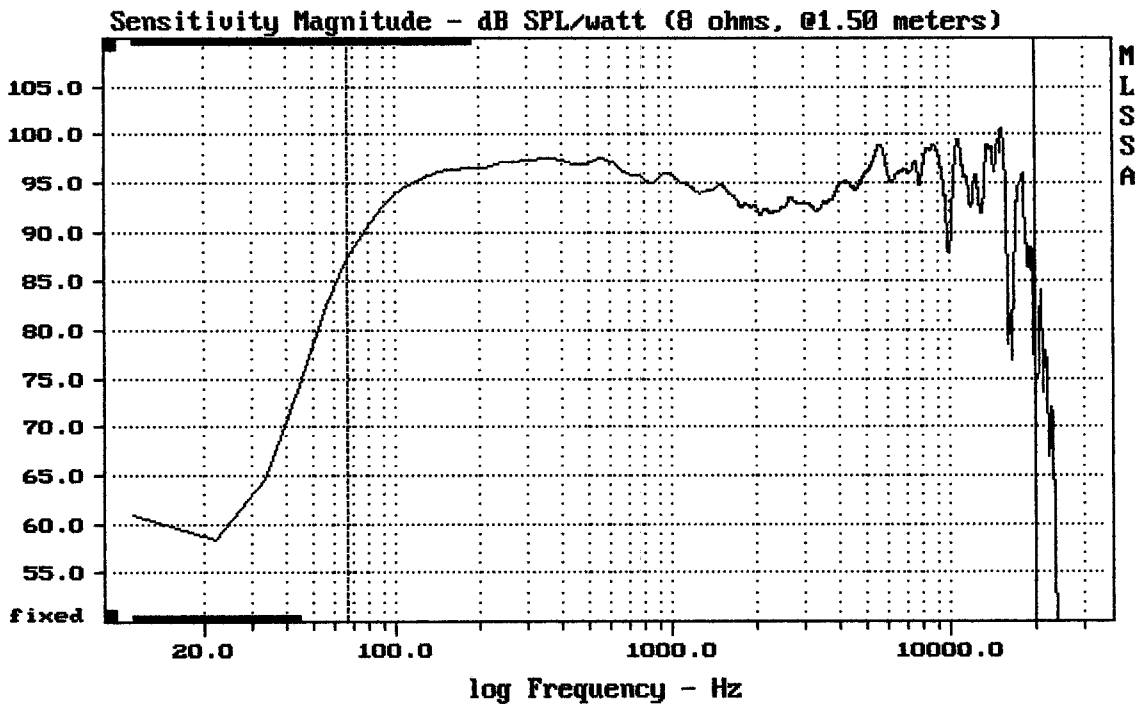
HD1221



CURSOR: y = 87.5442 x = 20208.1848 (1821)

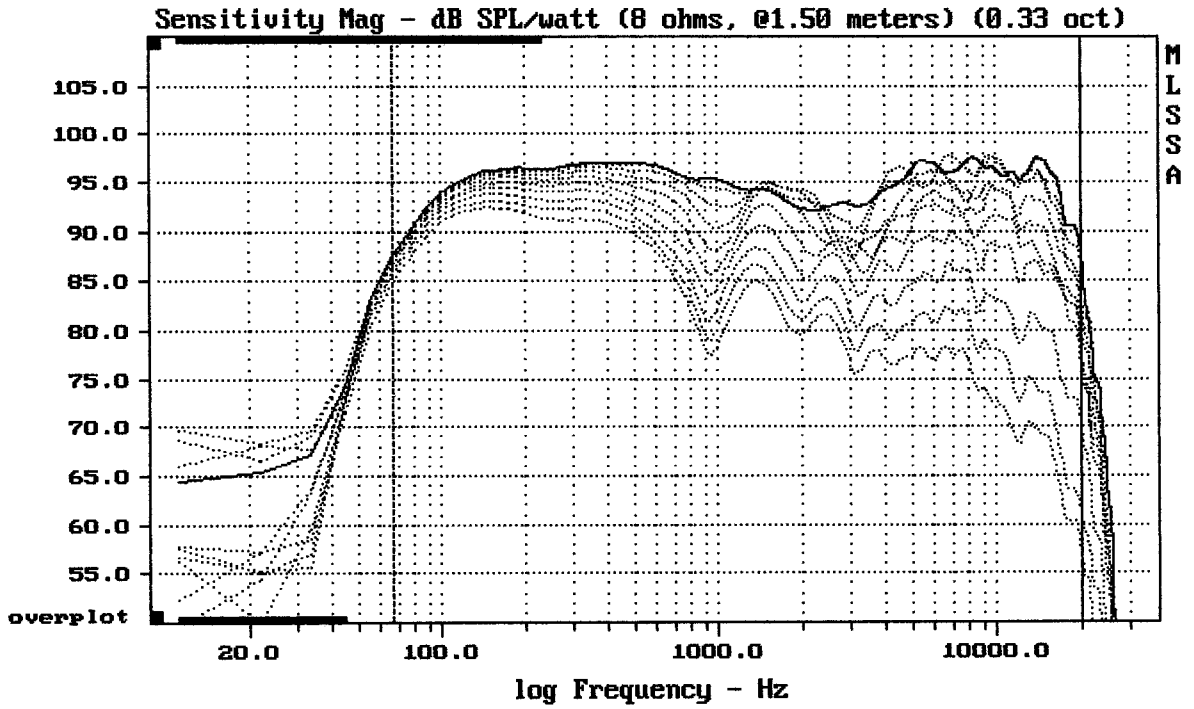
HD1221

MLSSA: Frequency Domain



mean: 94.89, rms: 95.54, std: 2.94, max: 100.67, min: 75.06

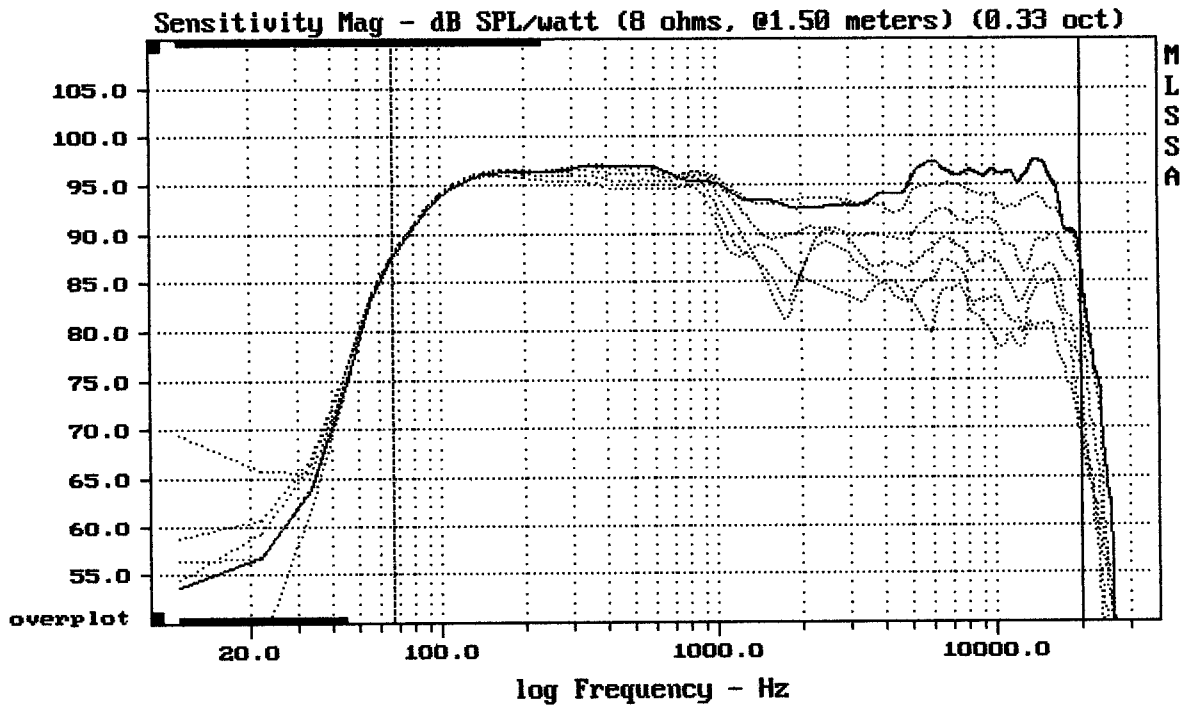
HD1221



Overlay Compare: dev= +20/-8.5, std= 6.6, avg= -23

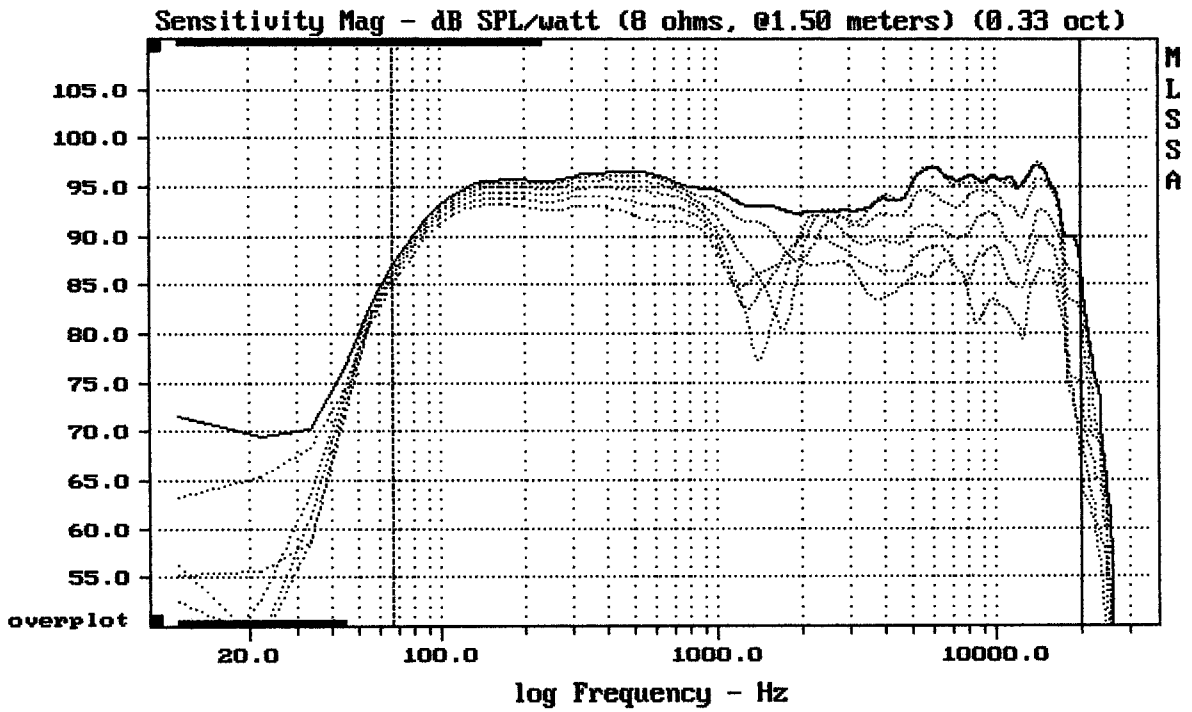
HD1221

MLSSA: Frequency Domain



Overlay Compare: dev= +14/-5.4, std= 4.4, avg= -14

HD1221



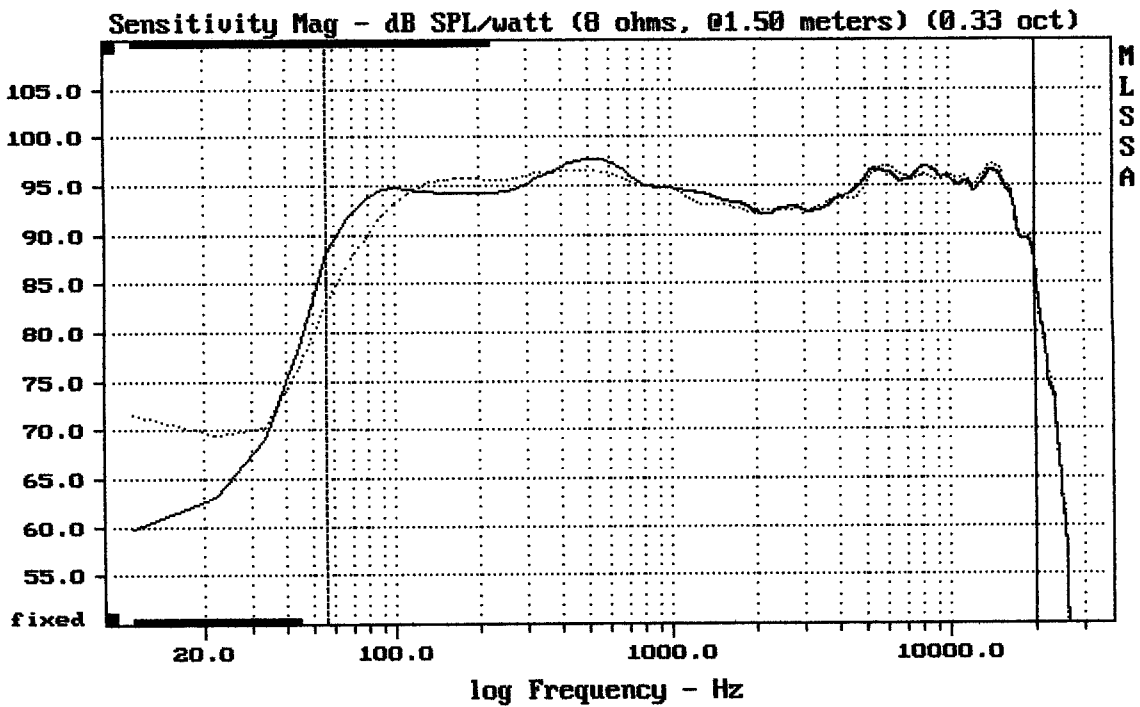
---

Overlay Compare: dev= +9.1/-9.8, std= 3.7, avg= -11

---

HD1221

MLSSA: Frequency Domain

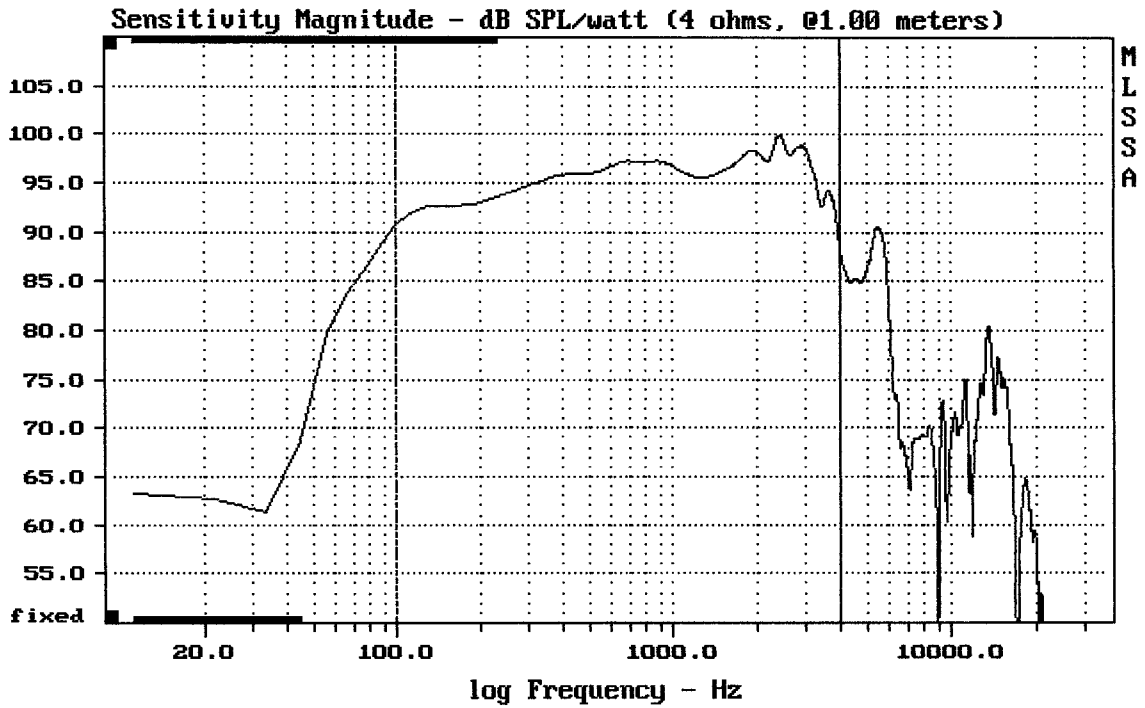


---

Overlay Compare: dev= +5/-1.5, std= 0.55, avg= -0.1

---

HD1221

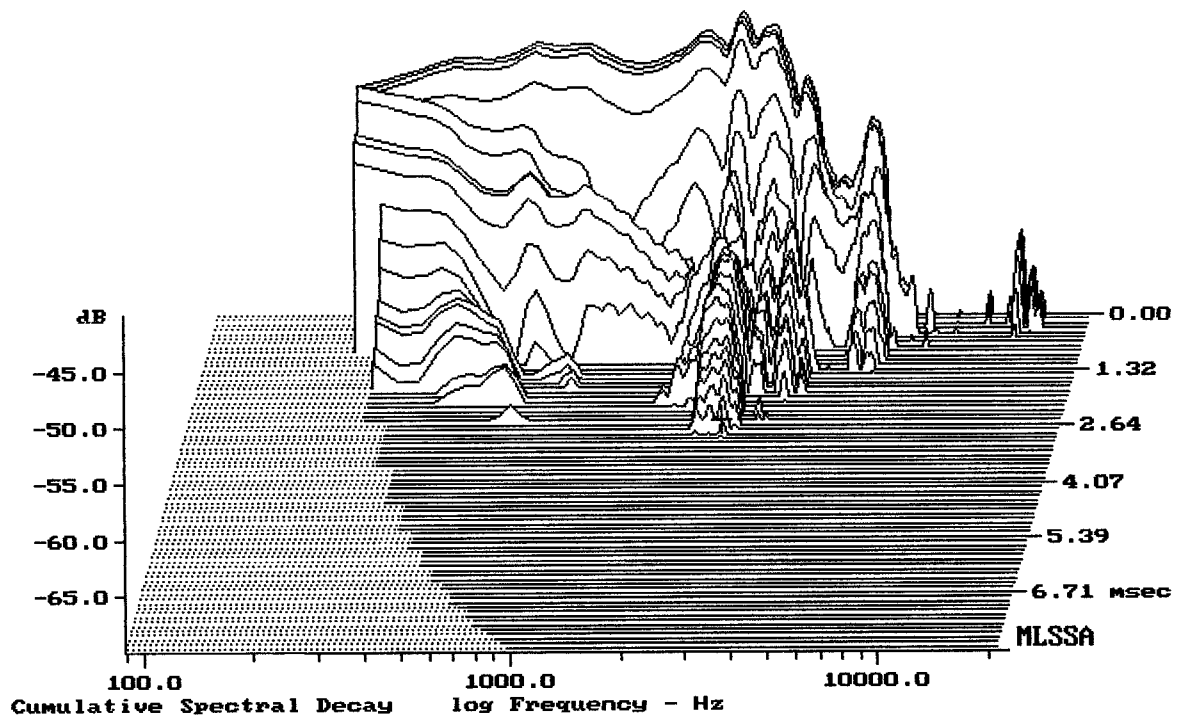


Level (100:3995 Hz) = 95.88 dB SPL/watt (4 ohms, @1.00 meters)

12" FROM HD1221

11-21-90 4:46 PM

MLSSA: Frequency Domain



-68.73 dB, 2575 Hz (58), 2.860 msec (27)

MLSSA SPO 4.0D #960903-3057-3075

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.43	Ohms
2	Fs	68.48	Hz
3	Re	3.15	Ohms[dc]
4	Res	30.79	Ohms
5	Qms	4.88	
6	Qes	0.50	
7	Qts	0.45	
8	L1	0.46	mH
9	L2	0.49	mH
10	R2	2.10	Ohms
11	RMSE-load	0.36	Ohms
12	Vas(Sd)	47.05	liters
13	Mms	45.44	grams
14	Cms	119	$\mu\text{M}/\text{Newton}$
15	B1	11.11	Tesla-M
16	SPLref(Sd)	96.6	dB[Re]
17	Rub-index	0.30	

Method: Mass-loaded (40.00 grams)

Area (Sd): 530.93 sq cm

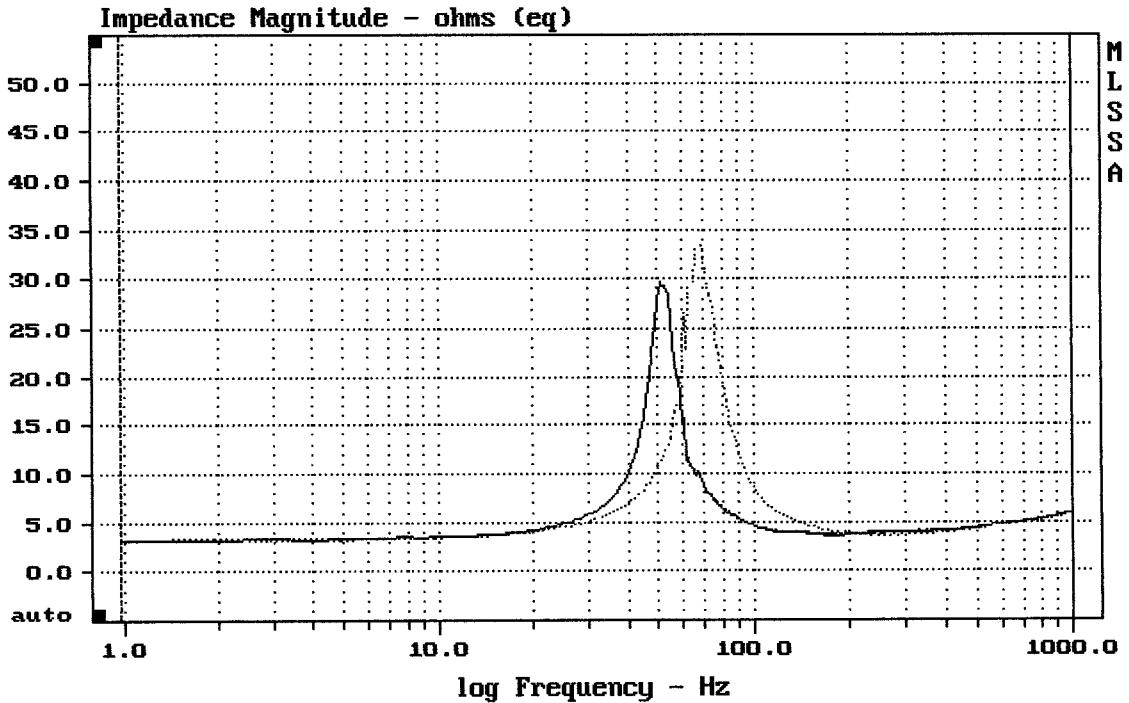
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -24.4% (-20% to -50% is recommended).

12" FROM MACKIE HD1221

MLSSA: Parameters



mean: 5.43, rms: 6.583, std: 3.723, max: 33.41, min: 3.151

MLSSA: Frequency Domain