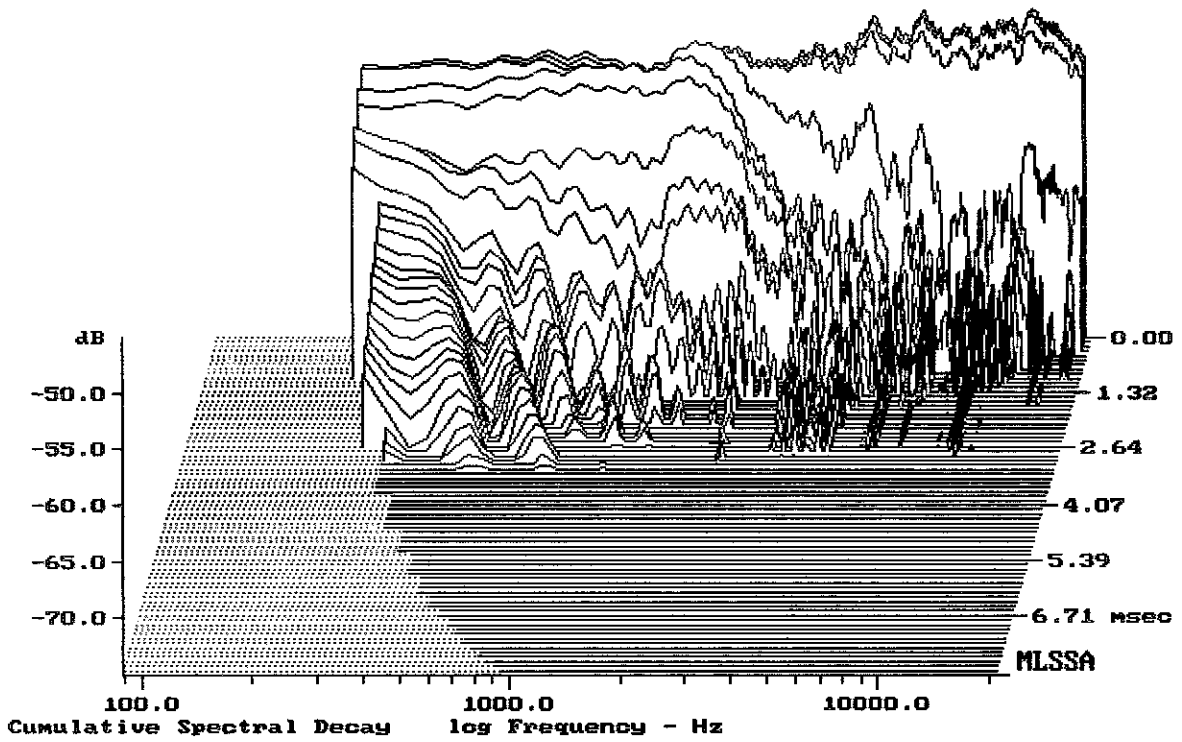


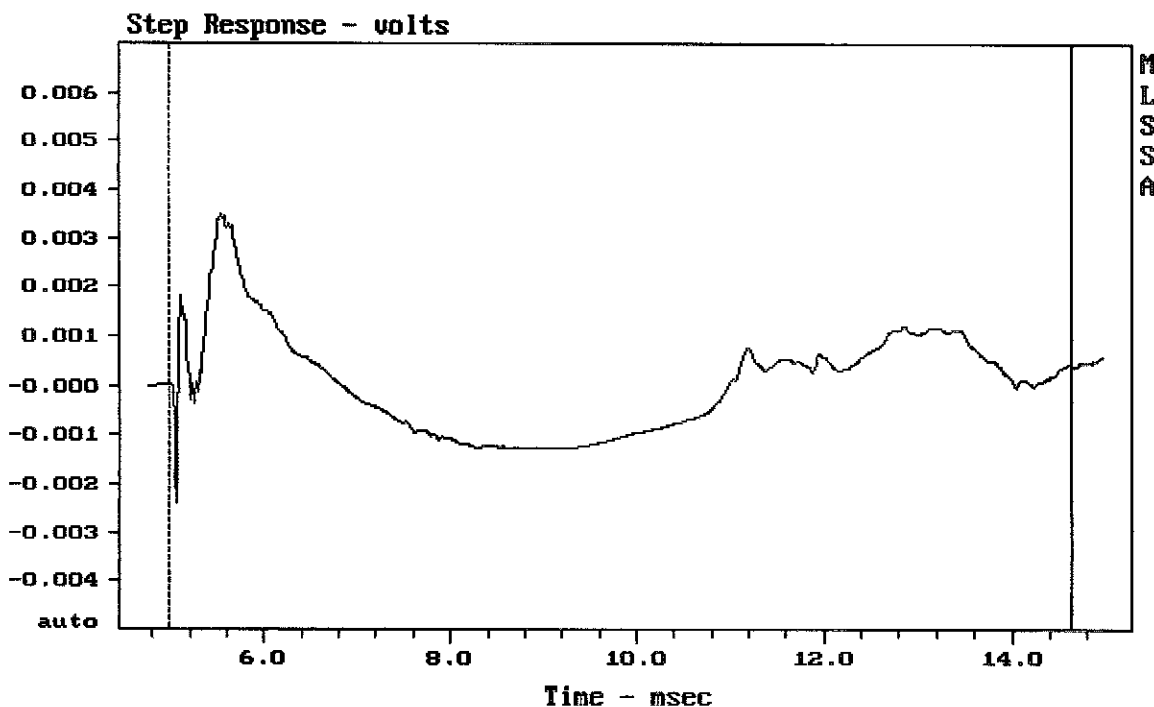
Level (67:22716 Hz) = 87.38 dB SPL/watt (1 ohms, @1.00 meters)

RCF MYTHO 6

MLSSA: Frequency Domain



-73.86 dB, 2530 Hz (57), 2.860 msec (27)

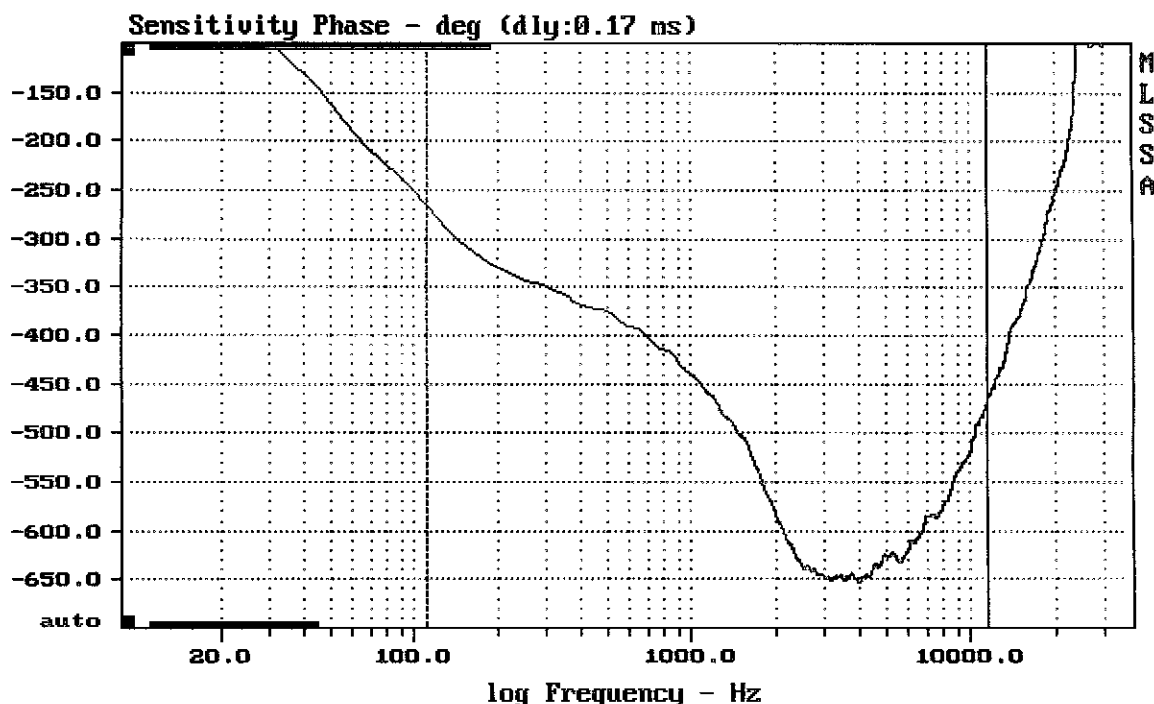


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mean: 4.894e-005, rms: 0.00104, std: 0.001039, max: 0.003513, min: -0.002378

---

MLSSA: Time Domain

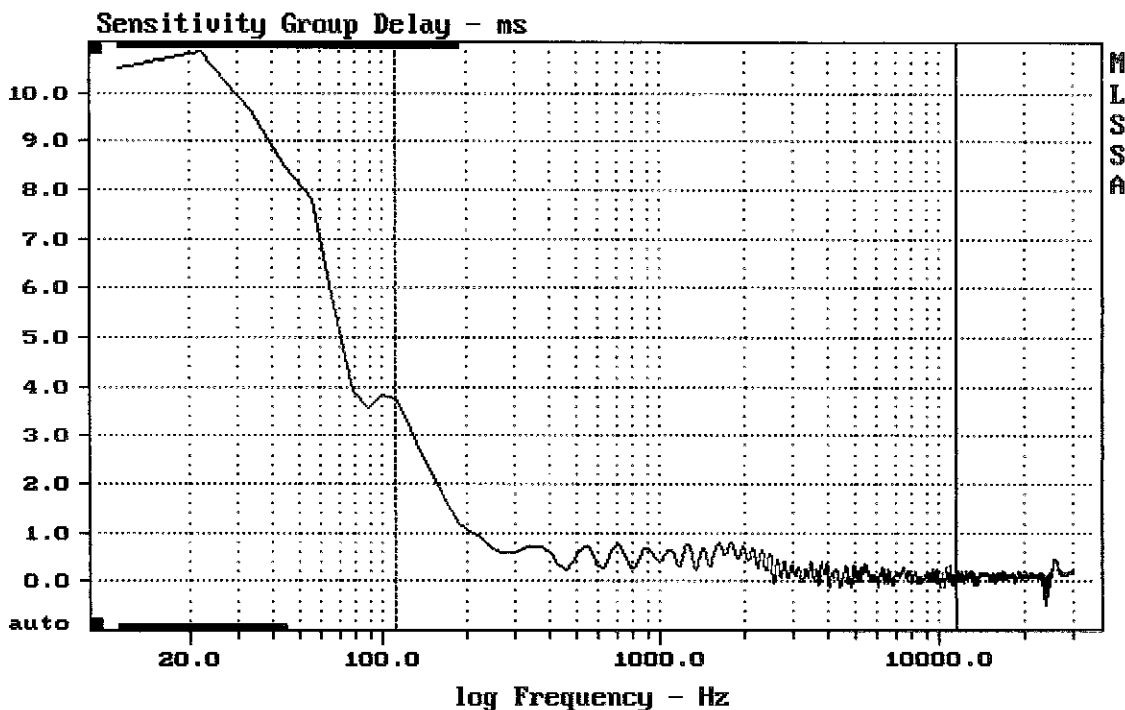


---

mean: -561.9, rms: 567.3, std: 78.05, max: -264.8, min: -653.9

---

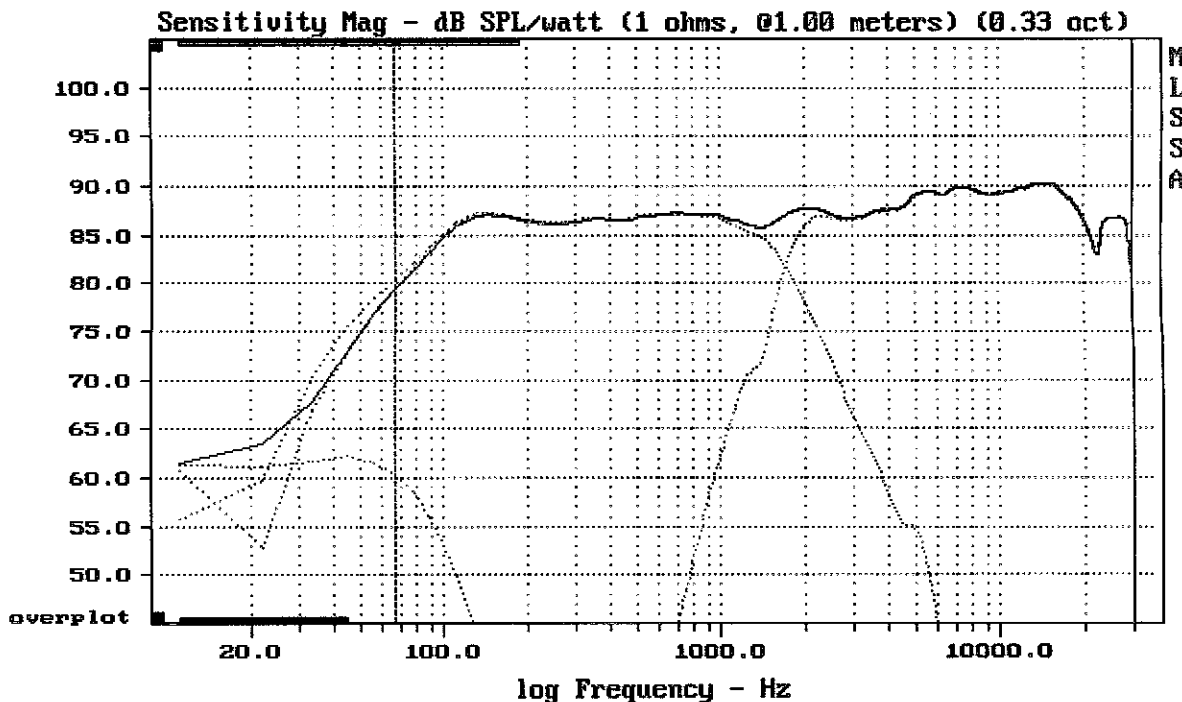
RCF MYTHO 6



mean: 0.2246, rms: 0.3679, std: 0.2913, max: 3.74, min: -0.1184

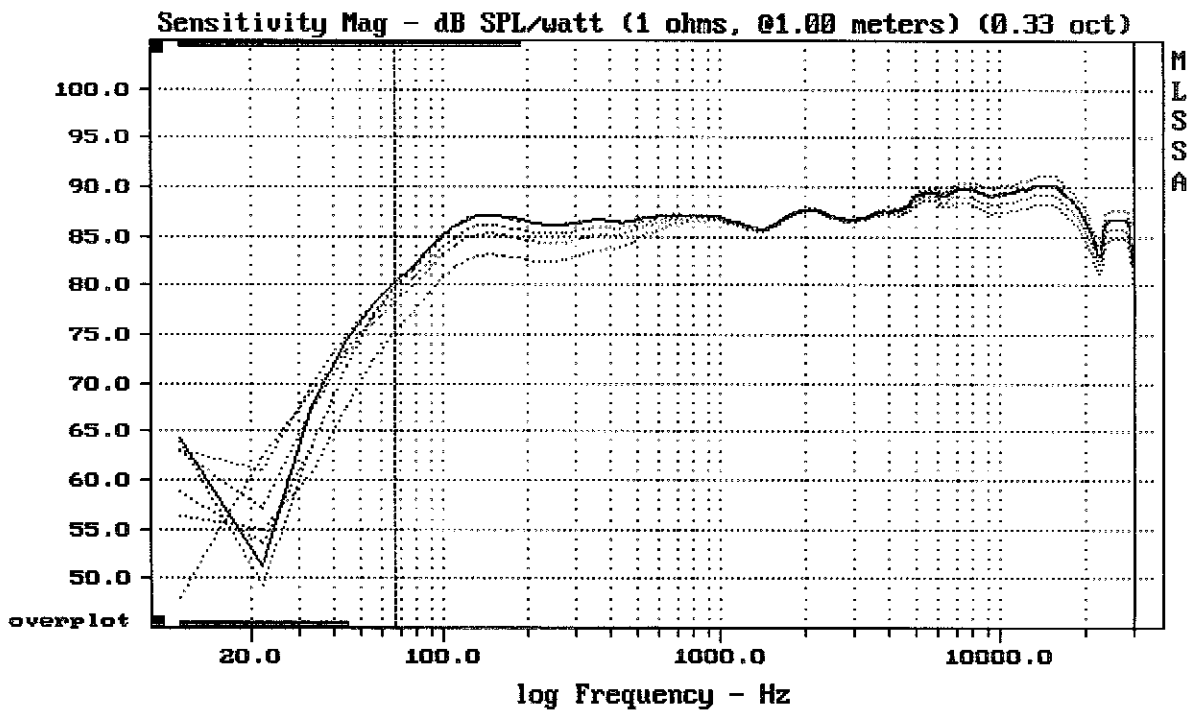
RCF MYTHO 6

MLSSA: Frequency Domain



mean: 87.93, rms: 88.12, std: 1.67, max: 90.22, min: 79.54

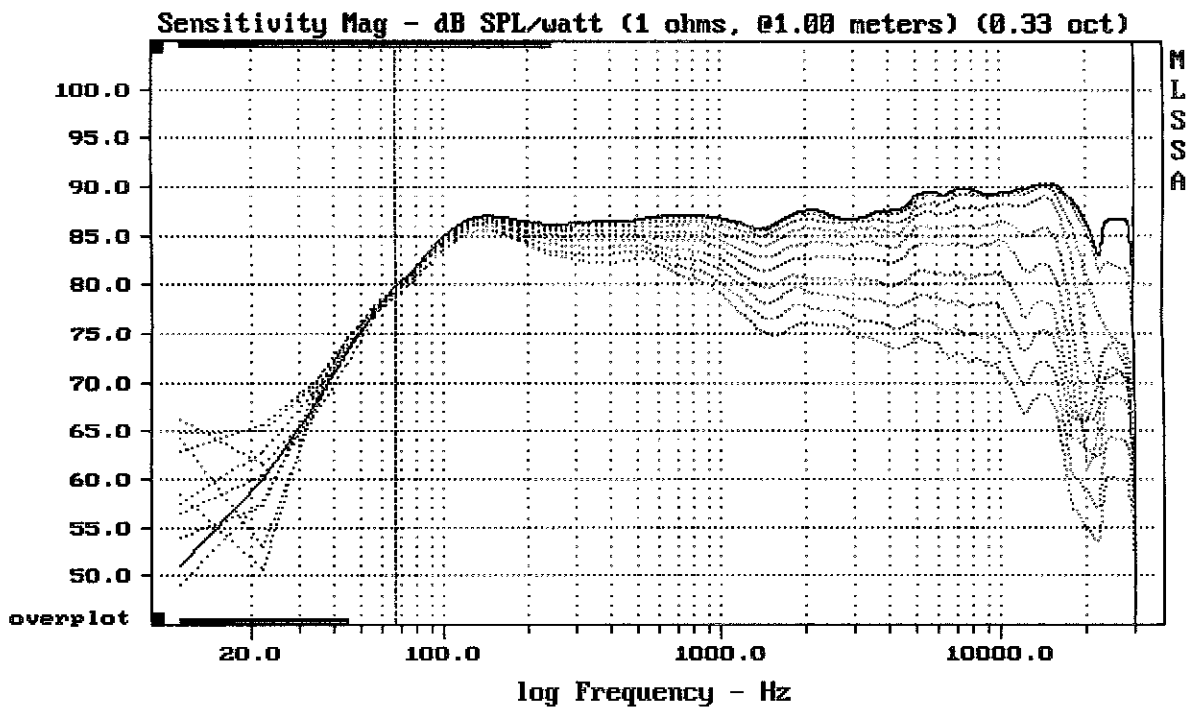
RCF MYTHO 6



Overlay Compare: dev= +0.22/-0.76, std= 0.31, avg= 0.71

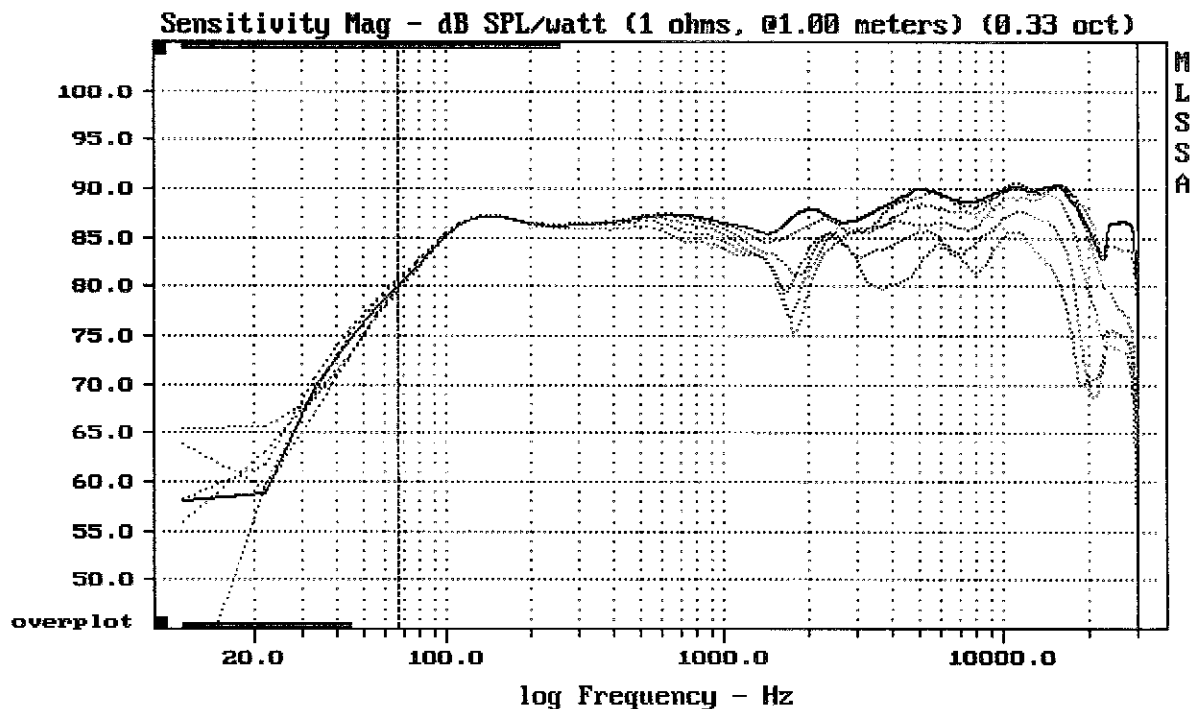
RCF MYTHO 6

MLSSA: Frequency Domain



Overlay Compare: dev= +22/-9.8, std= 7.1, avg= -22

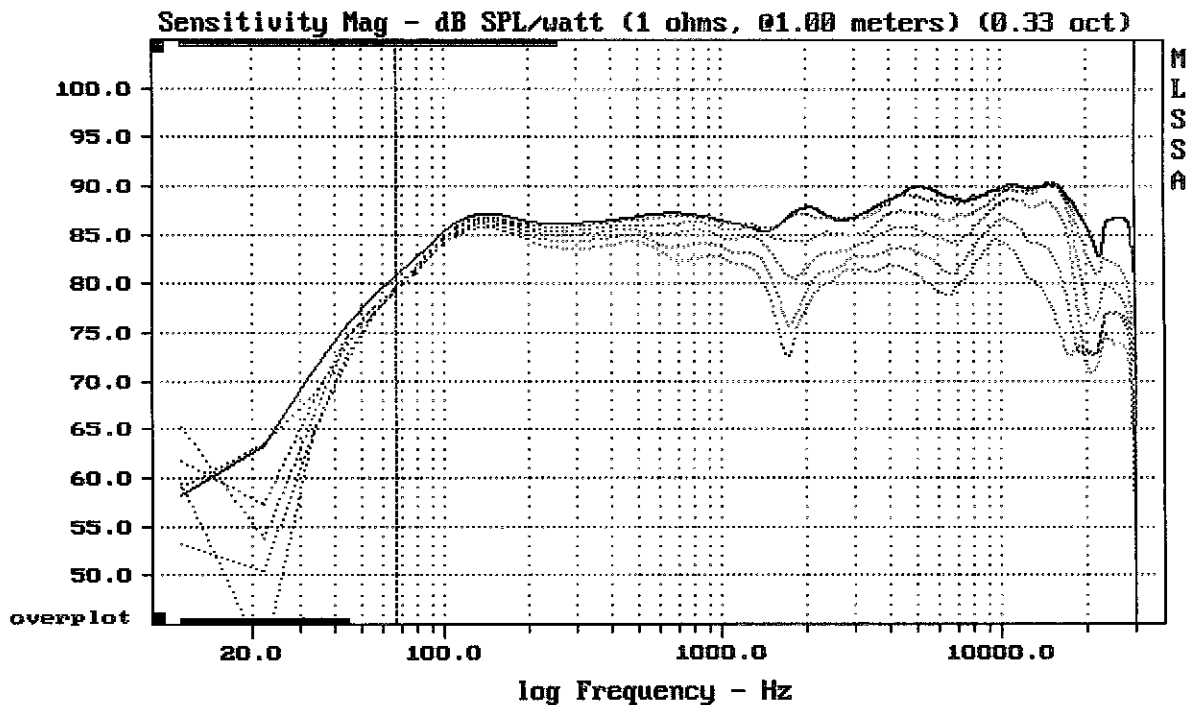
RCF MYTHO 6



Overlay Compare: dev= +9.4/-9.5, std= 4.2, avg= -9.2

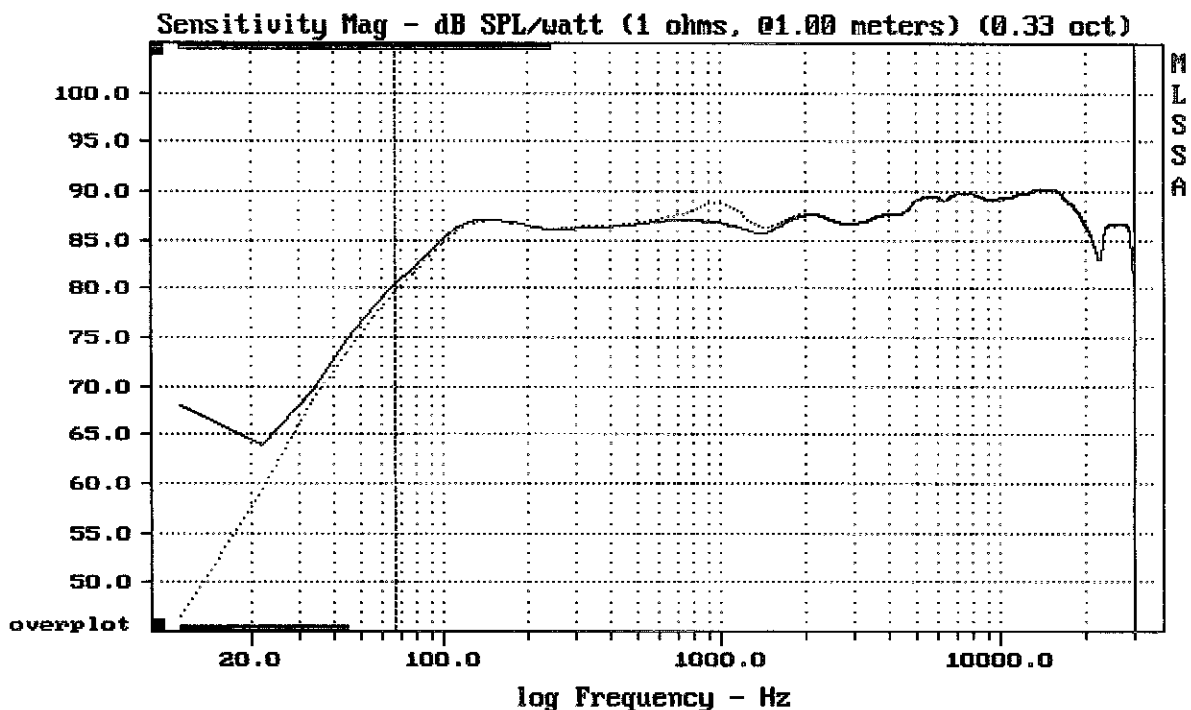
RCF MYTHO 6

MLSSA: Frequency Domain



Overlay Compare: dev= +8.6/-6.5, std= 3.2, avg= -9.8

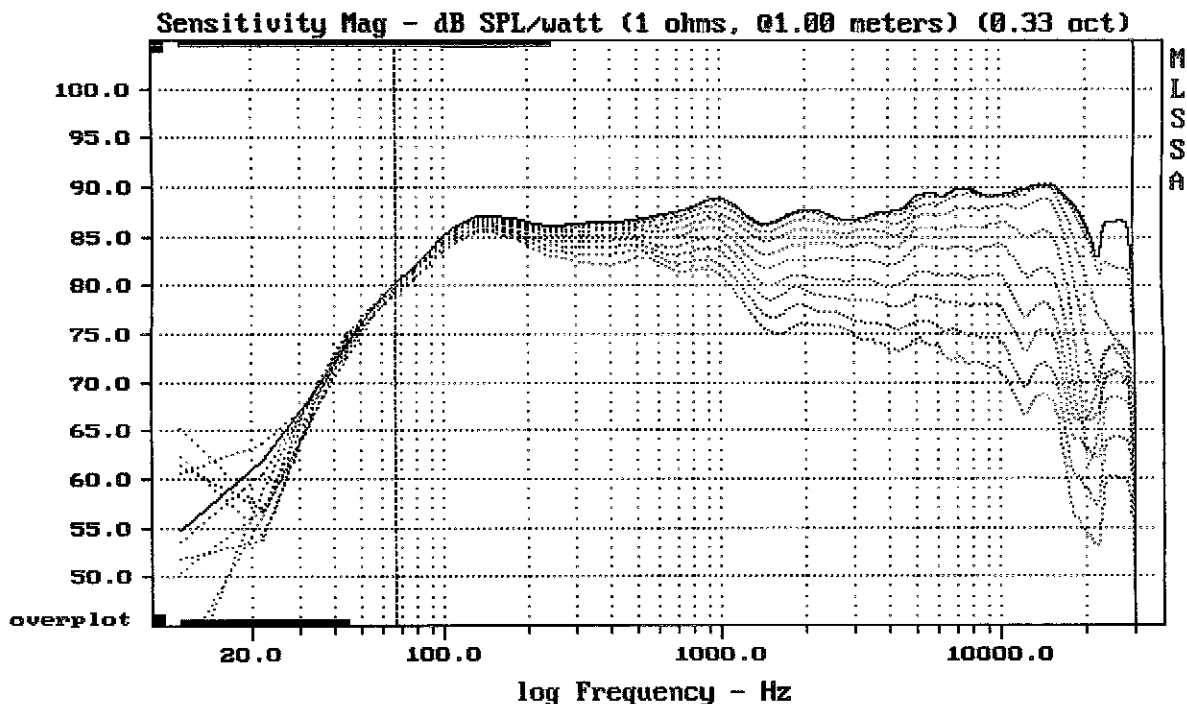
RCF MYTHO 6



Overlay Compare: dev= +2.1/-0.83, std= 0.24, avg= -0.016

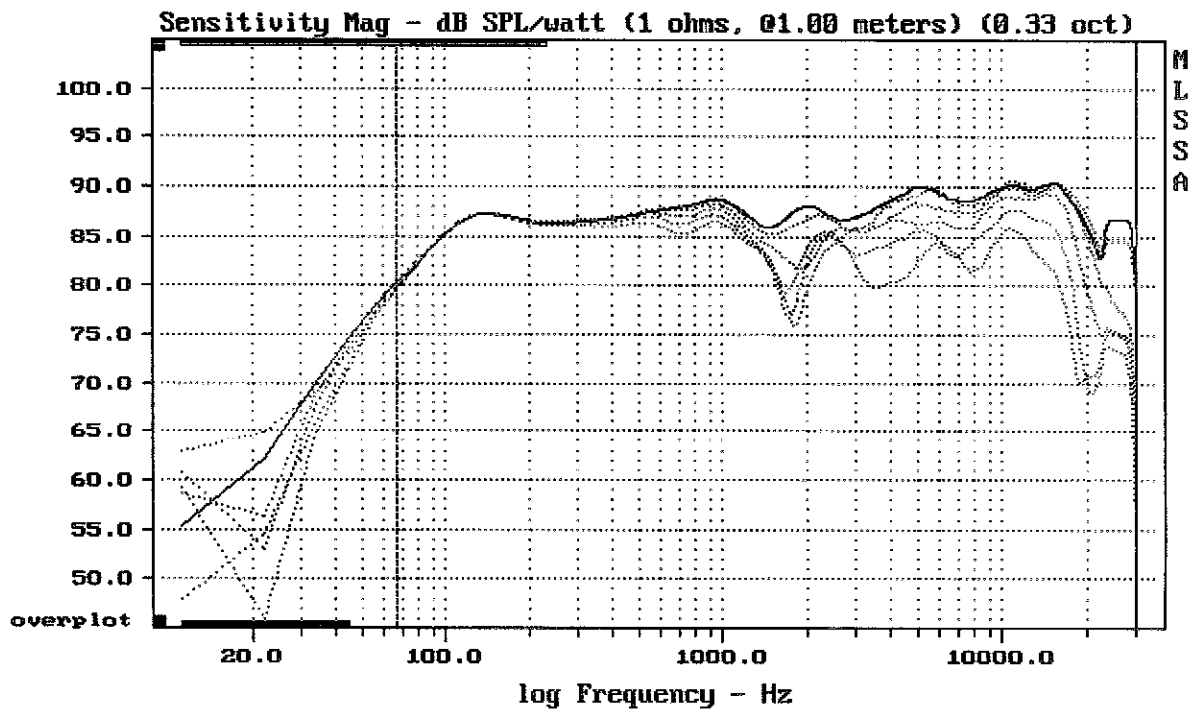
RCF MYTHO 6

MLSSA: Frequency Domain



Overlay Compare: dev= +21/-10, std= 7.1, avg= -22

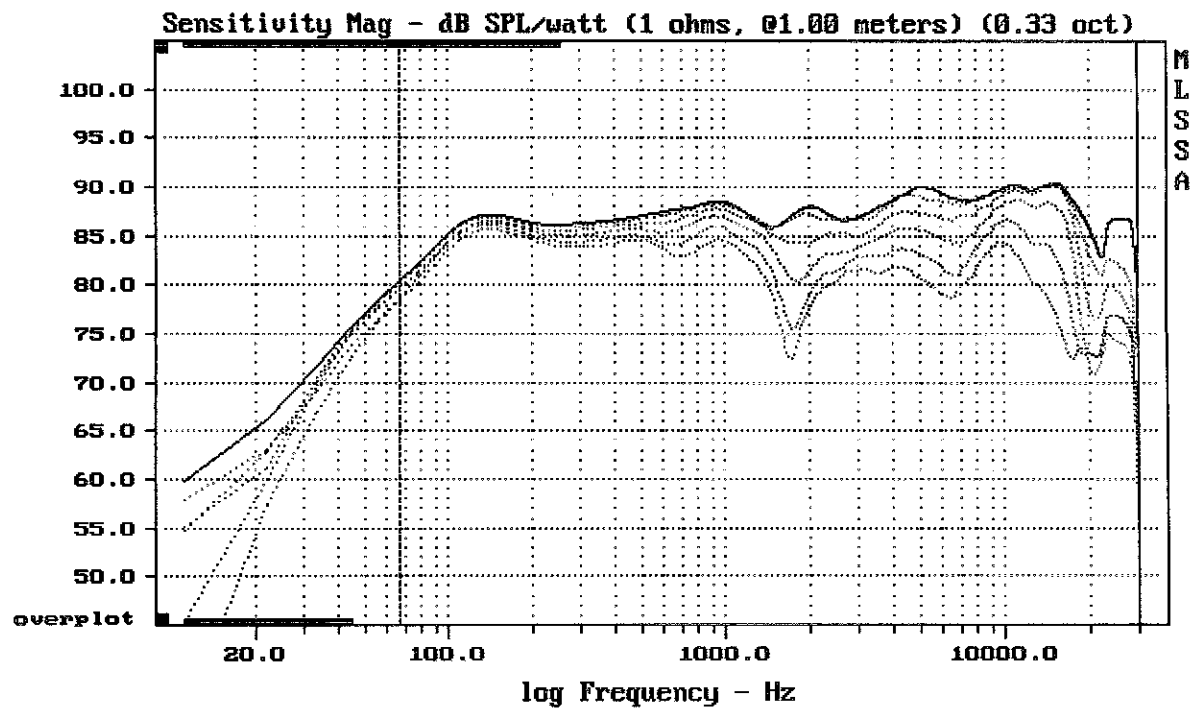
RCF MYTHO 6



Overlay Compare: dev= +9.4/-9.4, std= 4.3, avg= -9.2

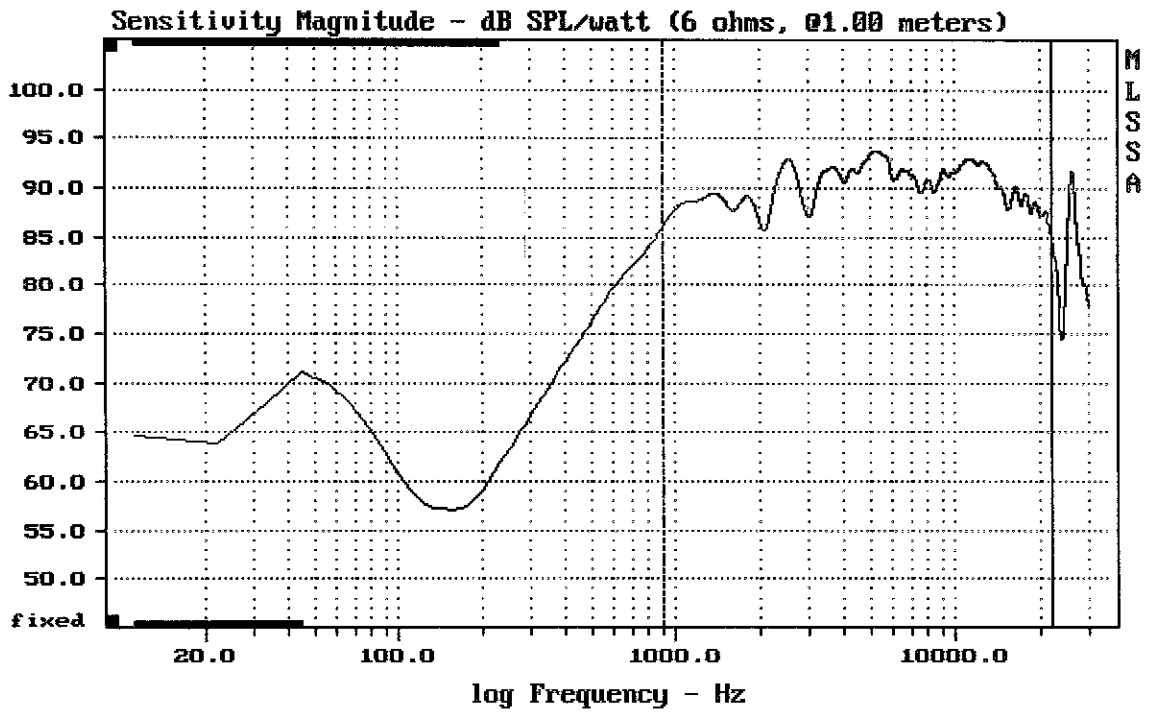
RCF MYTHO 6

MLSSA: Frequency Domain



Overlay Compare: dev= +8.5/-6.6, std= 3.2, avg= -9.9

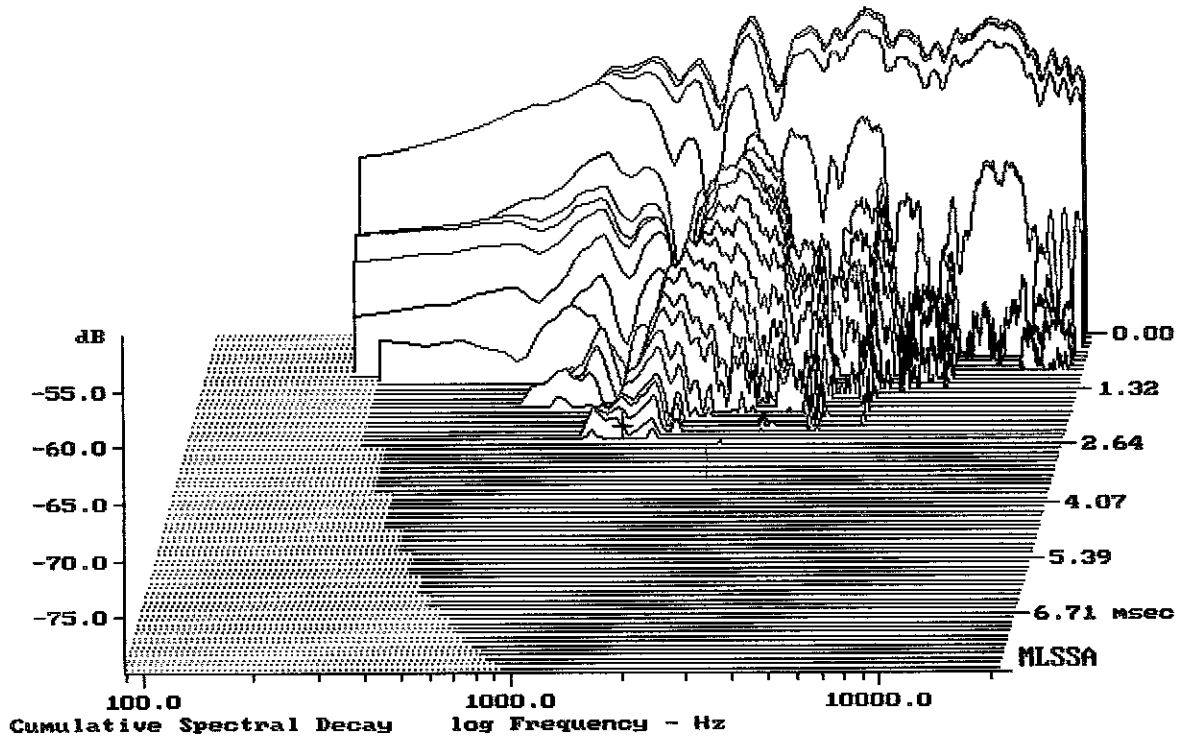
RCF MYTHO 6



Level (899:22006 Hz) = 90.57 dB SPL/watt (6 ohms, @1.00 meters)

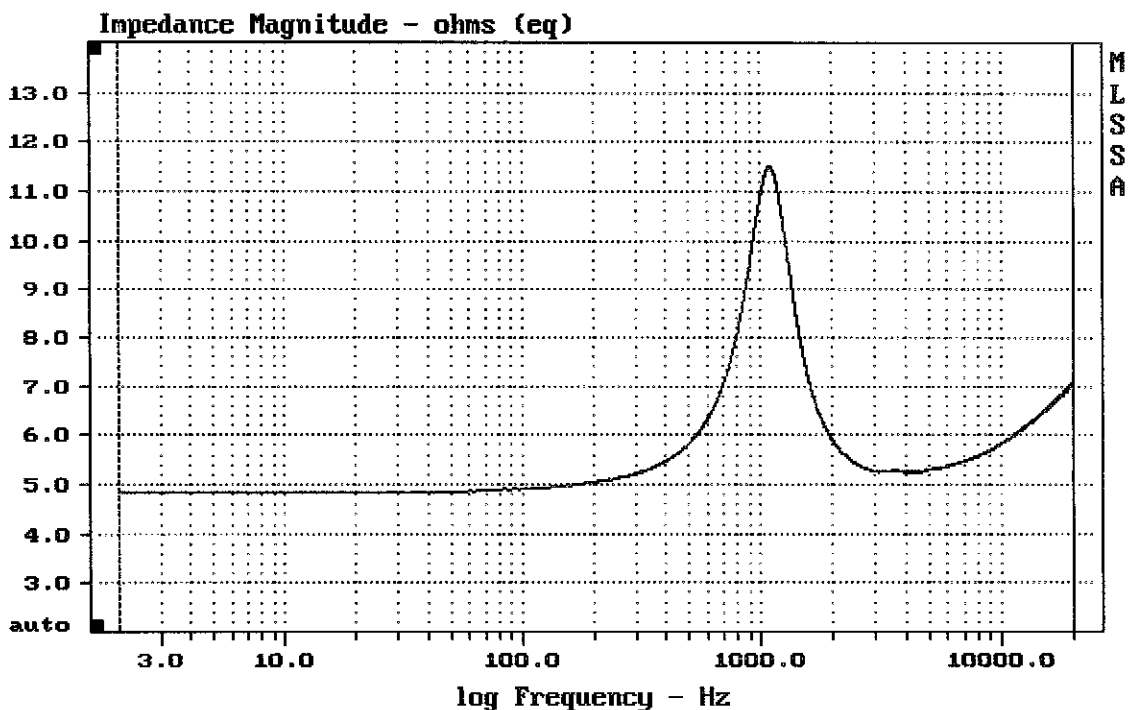
SEAS 27TBF/G H1214-60HM FROM RCF MYTHO 6

MLSSA: Frequency Domain



-79.19 dB, 1332 Hz (30), 2.420 msec (23)

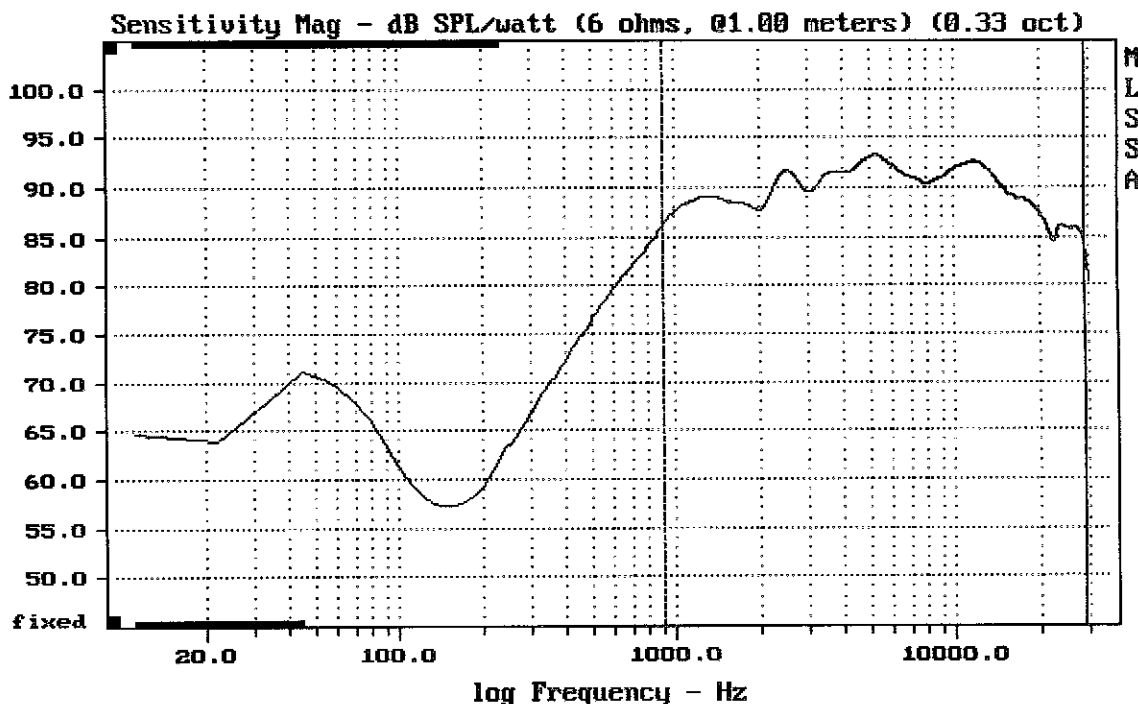




mean: 6.157, rms: 6.229, std: 0.9458, max: 11.51, min: 4.829

SEAS 27TBF/G H1214-60HM FROM RCF MYTHO 6

MLSSA: Frequency Domain



Level (899:29008 Hz) = 90.31 dB SPL/watt (6 ohms, 01.00 meters) (0.33 oct)

SEAS 27TBF/G H1214-60HM FROM RCF MYTHO 6



# 27TBF/G H1214

27TBF/G is a High Definition metal dome tweeter with a wide, soft polymer surround.

Aluminium/magnesium alloy diaphragm with pistonic behaviour throughout the audible frequency range, resulting in a good dispersion also above 10kHz.

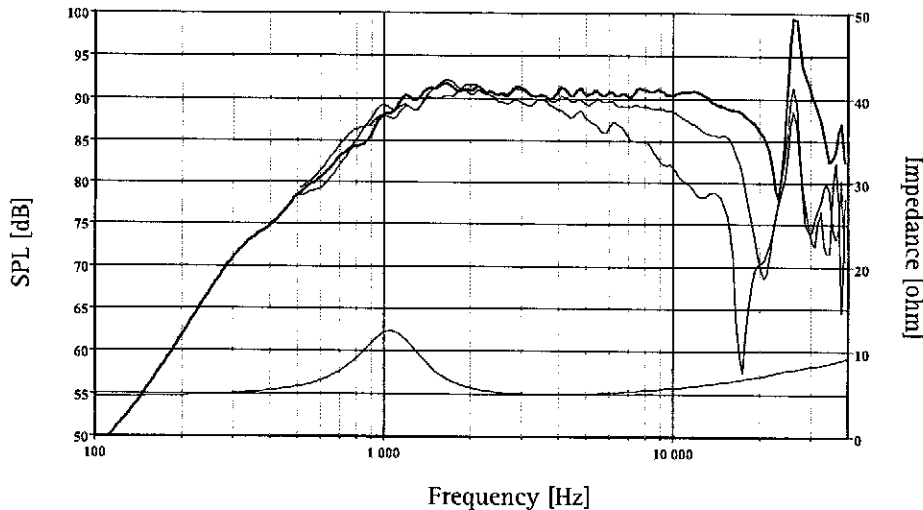
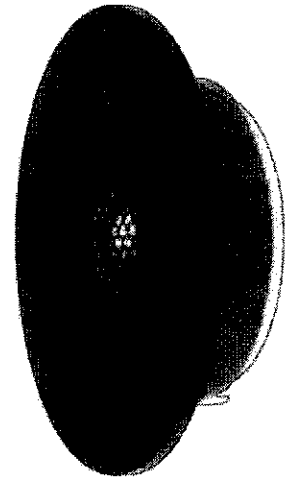
A Hexagrid protects the diaphragm, and supports a phase plate which compensates for a slight axial roll off towards 20 kHz.

Sonomax surround for low resonance and excellent mechanical linearity.

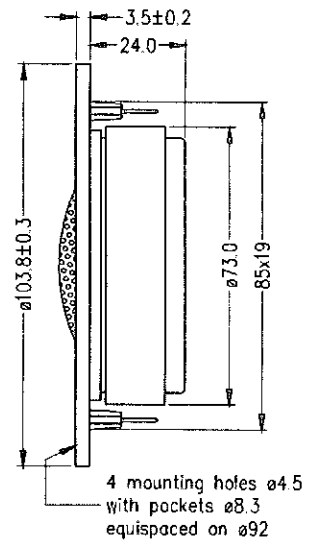
Voice coil windings immersed in magnetic fluid increase short term power handling capacity and reduce the compression at high power levels.

Optimally damped cavity in the pole piece controls and slightly lowers the fundamental resonance.

The chassis is precision moulded from glass fibre reinforced plastic, and its front design offers optimum radiation conditions.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees, mounted in a 0.6m by 0.8m baffle. Input 2.83 Vrms, microphone distance 0.5m, normalized to SPL 1m. The impedance is measured without baffle using a 2V sine signal.



Normal Impedance	6 Ohms	Voice Coil Resistance	4.8 Ohms
Recommended Frequency Range	2500 - 20000 Hz	Voice Coil Inductance	0.05 mH
Short Term Power Handling *	220 W	Force Factor	3.5 N/A
Long Term Power Handling *	90 W	Free Air Resonance	1100 Hz
Characteristic Sensitivity (2.83V, 1m)	91 dB	Moving Mass	0.34 g
Voice Coil Diameter	26 mm	Effective Piston Area	7.5 cm <sup>2</sup>
Voice Coil Height	2.0 mm	Magnetic Gap Flux Density	1.8 T
Air Gap Height	2.0 mm	Magnet Weight	0.25 kg
Linear Coil Travel (p-p)	0.5 mm	Total Weight	0.50 kg

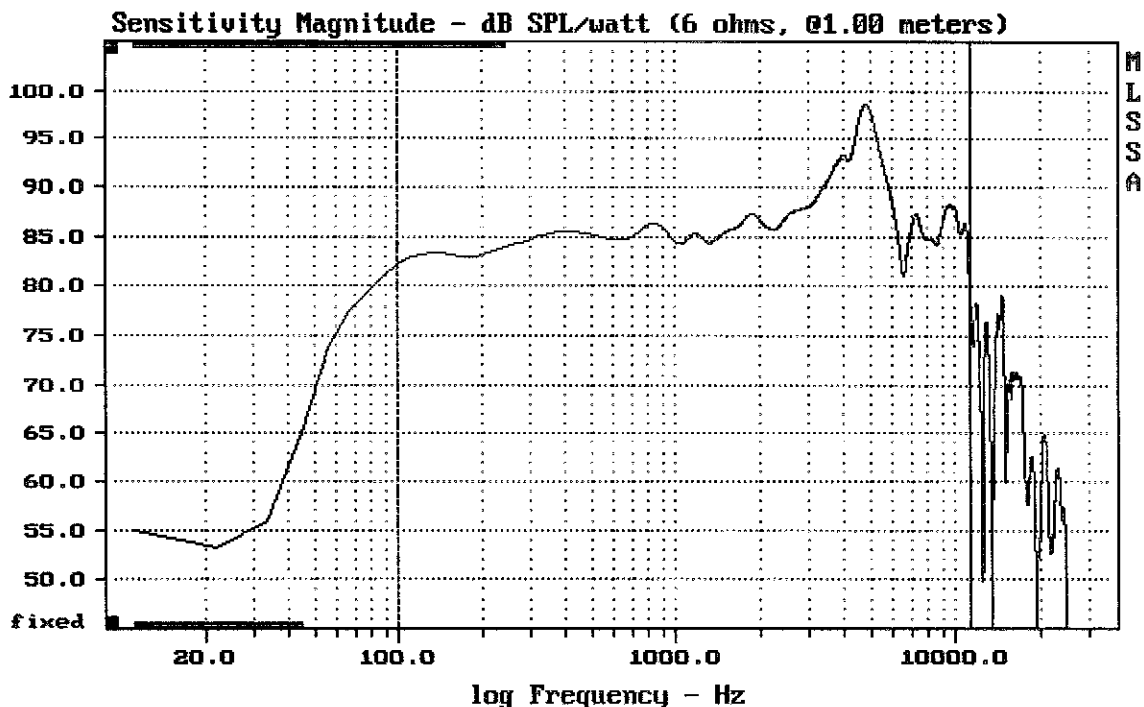
Jul 2007-1

\*IEC 268-5, via High Pass Butterworth Filter 2500Hz 12 dB/oct.  
SEAS reserves the right to change technical data

T27-430

RoHS compliant product

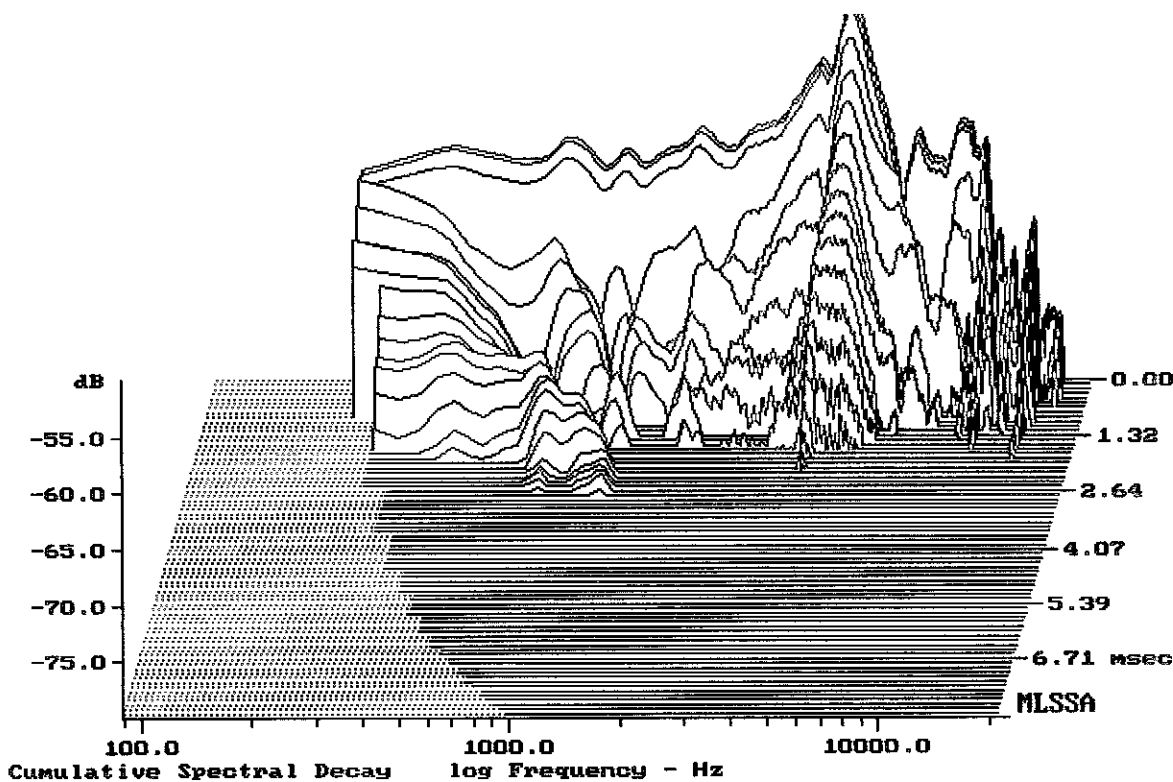
[www.seas.no](http://www.seas.no)



Level (100:11297 Hz) = 88.11 dB SPL/watt (6 ohms, @1.00 meters)

6.5" FROM RCF MYTHO 6

MLSSA: Frequency Domain



-79.15 dB, 3995 Hz (90), 2.090 msec (20)

Line	Parameter	Value	Units
1	RMSE-free	0.37	Ohms
2	Fs	57.29	Hz
3	Re	4.56	Ohms[dc]
4	Res	15.81	Ohms
5	Qms	1.73	
6	Qes	0.50	
7	Qts	0.39	
8	L1	0.10	mH
9	L2	0.49	mH
10	R2	1.61	Ohms
11	RMSE-load	0.14	Ohms
12	Vas(Sd)	9.44	liters
13	Mms	20.24	grams
14	Cms	381	$\mu$ M/Newton
15	B1	8.15	Tesla-M
16	SPLref(Sd)	87.3	dB[Re]
17	Rub-index	0.13	

Method: Mass-loaded (20.00 grams)

Area (Sd): 132.73 sq cm

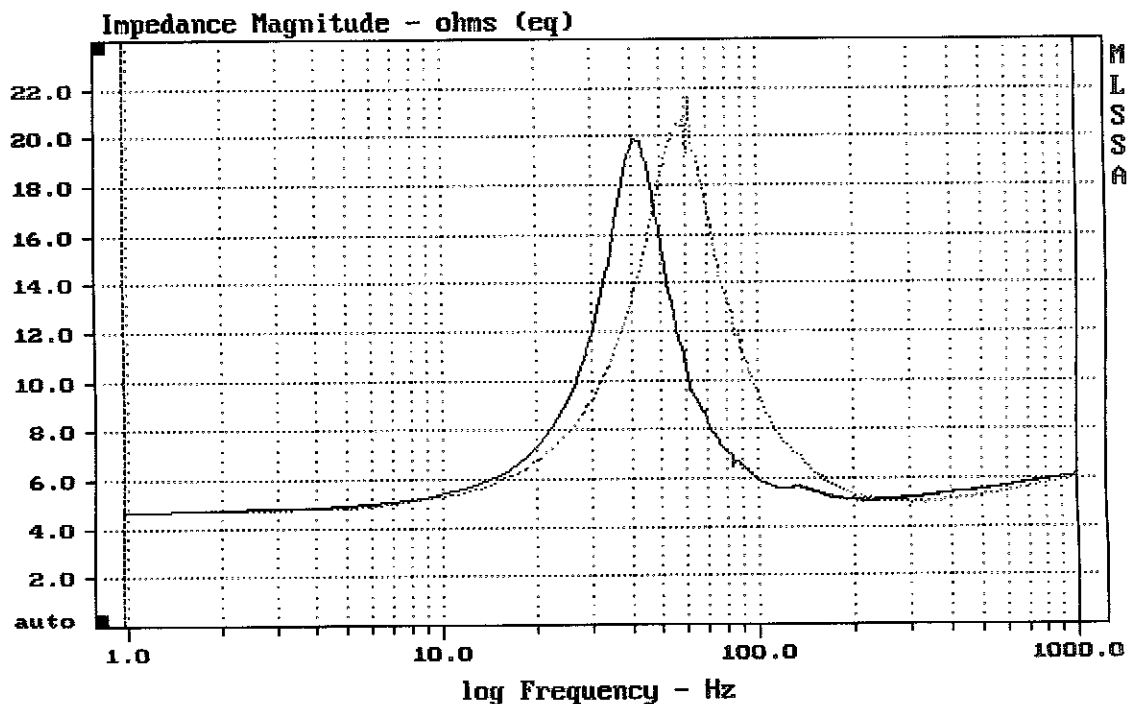
DCR mode: Measure (-0.14 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -27.8% (-20% to -50% is recommended).

6.5" FROM RCF MYTHO 6

MLSSA: Parameters



mean: 6.265, rms: 6.775, std: 2.579, max: 21.58, min: 4.708

MLSSA: Frequency Domain