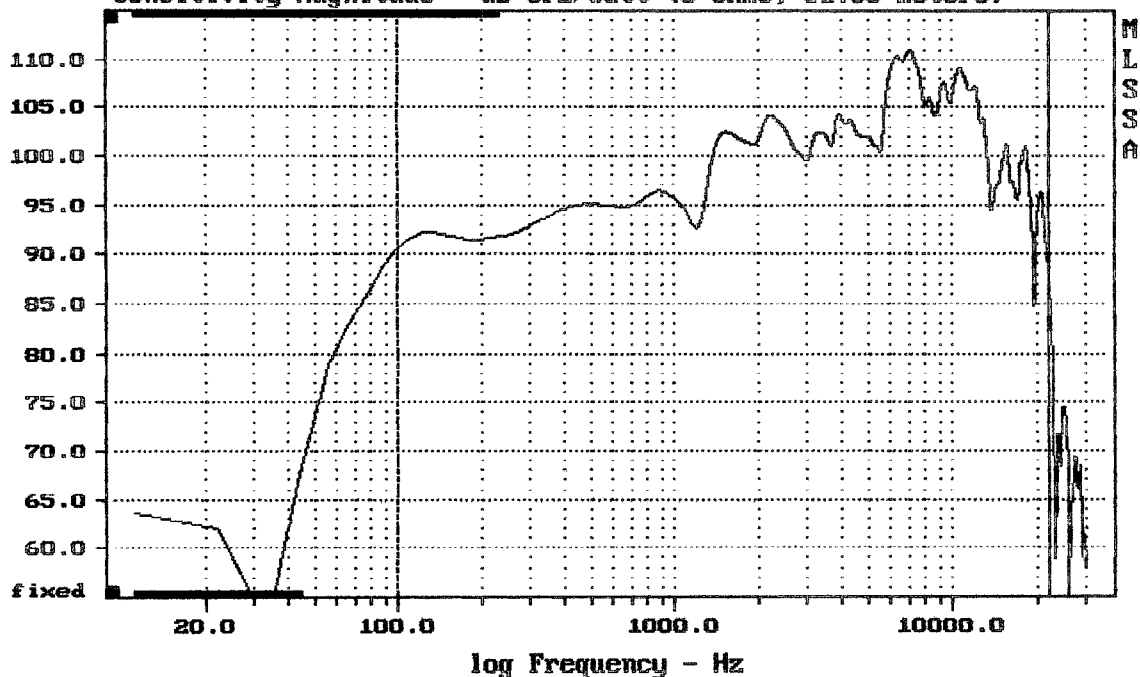


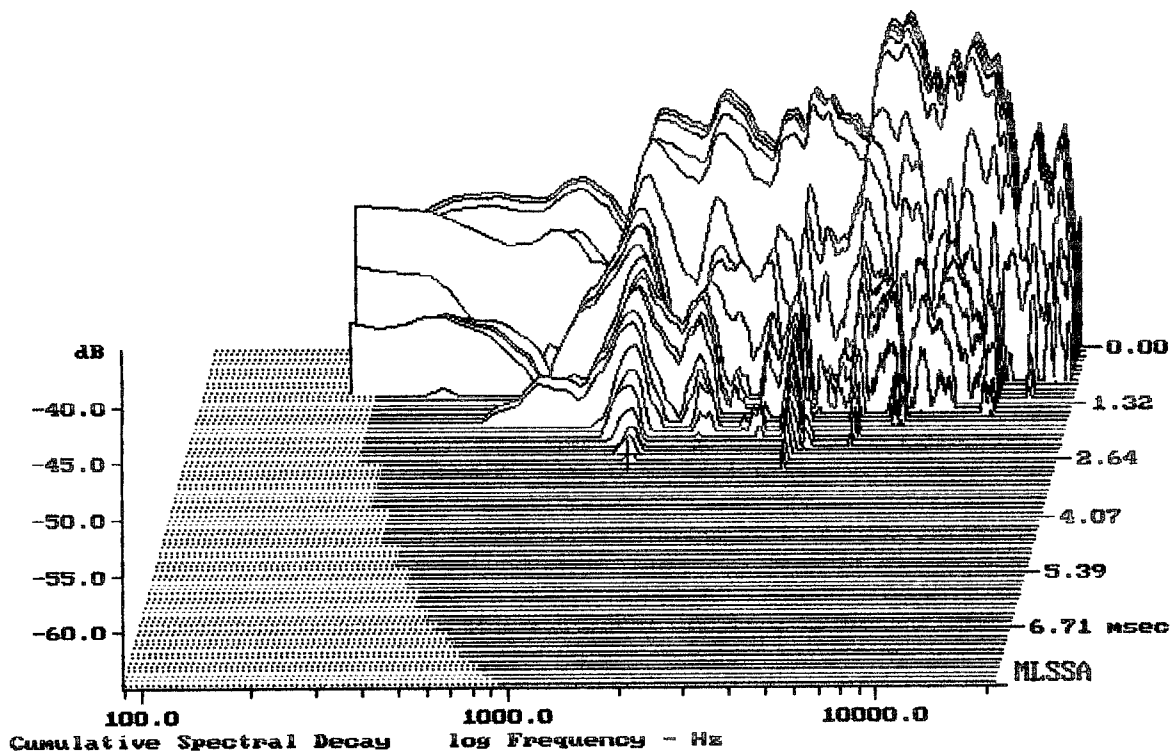
Sensitivity Magnitude - dB SPL/watt (8 ohms, @1.00 meters)



Level (100:2195 Hz) = 101.92 dB SPL/watt (8 ohms, @1.00 meters)

SOVEREIGN 12-250TC

MLSSA: Frequency Domain



-64.53 dB, 1420 Hz (32), 2.640 msec (25)

DT10

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.20	Ohms
2	Fs	61.82	Hz
3	Re	7.17	Ohms[dc]
4	Res	67.85	Ohms
5	Qms	9.53	
6	Qes	1.01	
7	Qts	0.91	
8	L1	0.11	mH
9	L2	0.97	mH
10	R2	3.37	Ohms
11	RMSE-load	0.58	Ohms
12	Vas(Sd)	82.34	liters
13	Mms	31.87	grams
14	Cms	208	$\mu\text{M}/\text{Newton}$
15	B1	9.39	Tesla-M
16	SPLref(Sd)	94.7	dB[Re]
17	Rub-index	0.00	

Method: Mass-loaded (35.00 grams)

Area (Sd): 530.93 sq cm

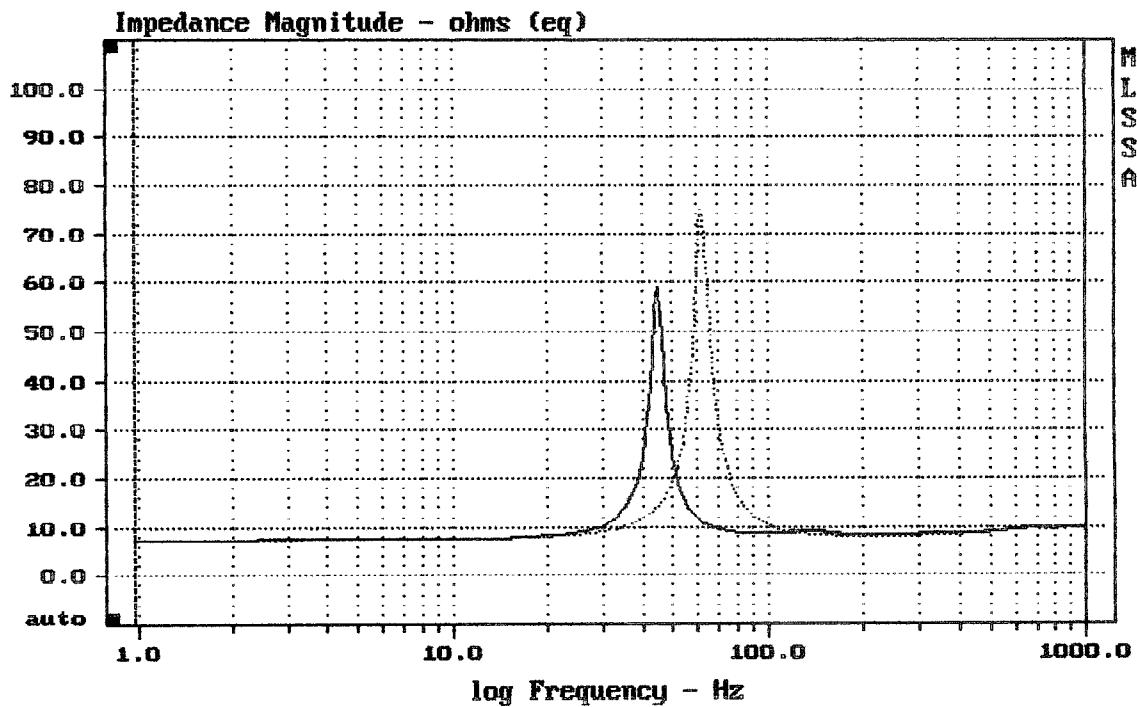
DCR mode: Measure (-0.14 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -27.7% (-20% to -50% is recommended).

SOVEREIGN 12-250TC

MLSSA: Parameters



 mean: 9.983, rms: 11.54, std: 5.781, max: 74.9, min: 7.278

MLSSA: Frequency Domain