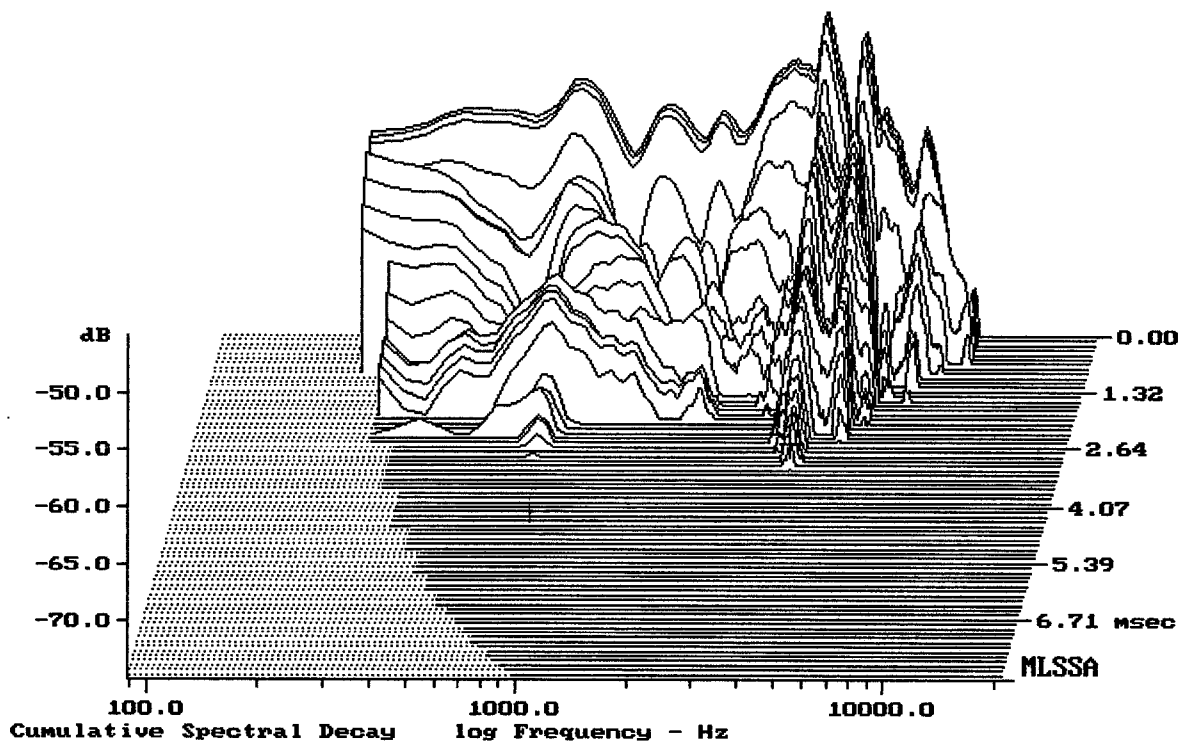


Level (100:6303 Hz) = 91.56 dB SPL/watt (8 ohms, @1.00 meters)

SOVEREIGN 8-125

MLSSA: Frequency Domain



-73.07 dB, 3862 Hz (87), 3.000 msec (29)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.21	Ohms
2	Fs	77.77	Hz
3	Re	6.73	Ohms[dc]
4	Res	57.47	Ohms
5	Qms	6.43	
6	Qes	0.75	
7	Qts	0.67	
8	L1	0.60	mH
9	L2	0.75	mH
10	R2	4.15	Ohms
11	RMSE-load	0.56	Ohms
12	Vas(Sd)	16.52	liters
13	Mms	16.28	grams
14	Cms	257	$\mu\text{M}/\text{Newton}$
15	Bl	8.43	Tesla-M
16	SPLref(Sd)	92.0	dB[Re]
17	Rub-index	0.15	

Method: Mass-loaded (20.00 grams)

Area (Sd): 213.82 sq cm

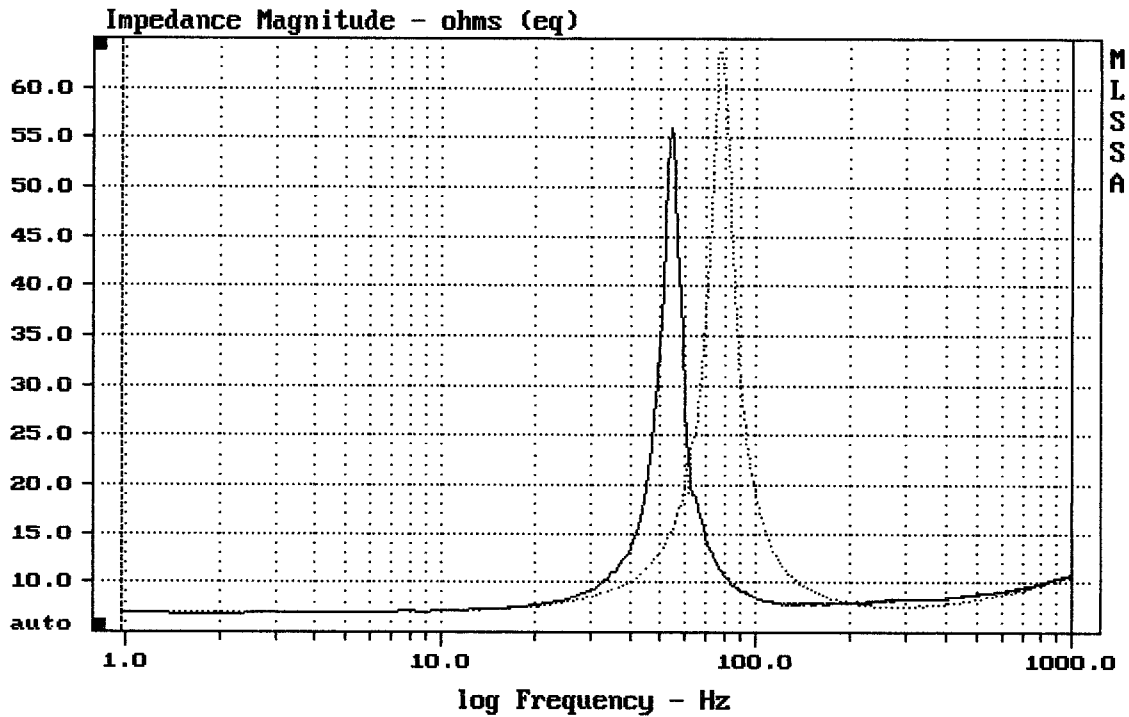
DCR mode: Measure (-0.14 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -30.7% (-20% to -50% is recommended).

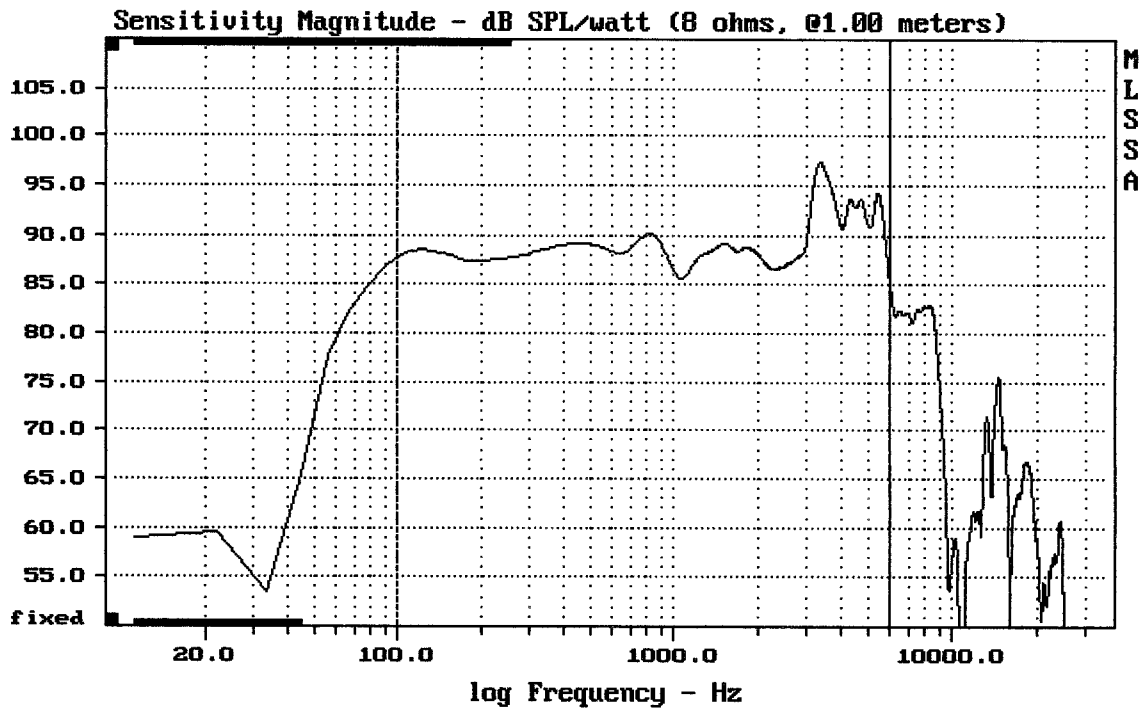
SOVEREIGN 8-125

MLSSA: Parameters



mean: 10.2, rms: 12.09, std: 6.493, max: 63.69, min: 6.873

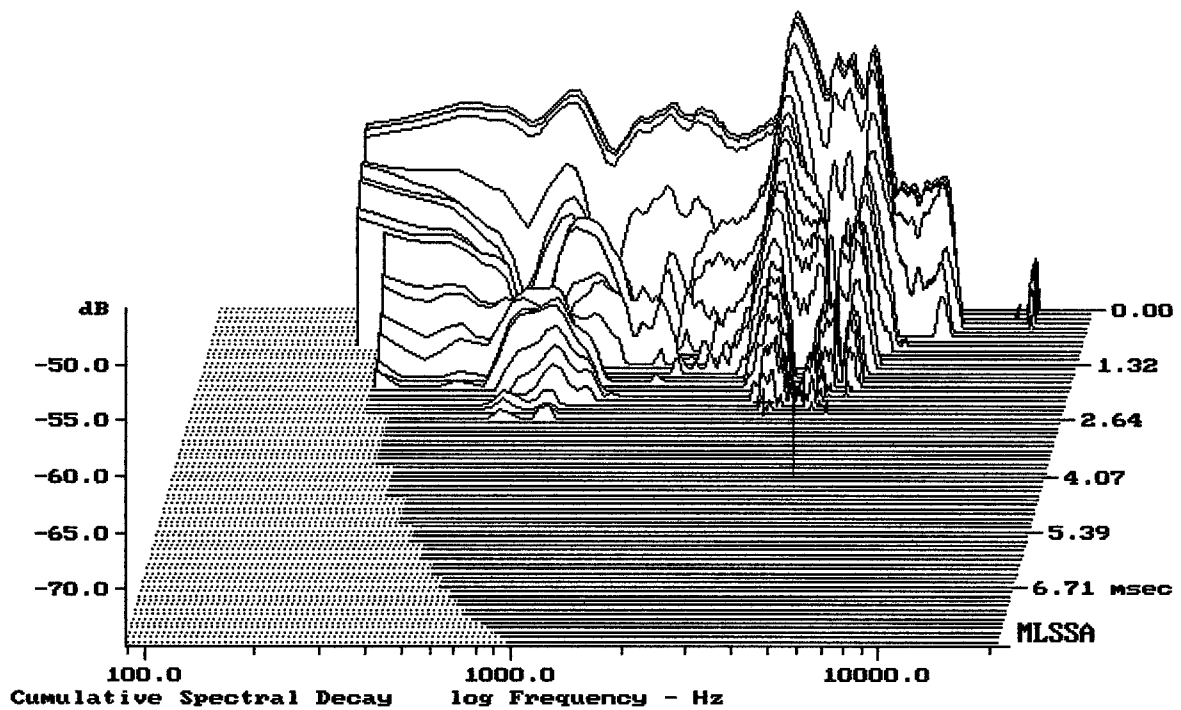
MLSSA: Frequency Domain



Level (100:6004 Hz) = 89.73 dB SPL/watt (8 ohms, @1.00 meters)

SOVEREIGN 8-125

MLSSA: Frequency Domain



-74.38 dB, 3196 Hz (72), 2.420 msec (23)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.39	Ohms
2	Fs	74.11	Hz
3	Re	6.86	Ohms[dc]
4	Res	87.74	Ohms
5	Qms	11.94	
6	Qes	0.93	
7	Qts	0.87	
8	L1	0.58	mH
9	L2	0.64	mH
10	R2	3.00	Ohms
11	RMSE-load	0.44	Ohms
12	Vas(Sd)	17.53	liters
13	Mms	16.90	grams
14	Cms	273	$\mu\text{M}/\text{Newton}$
15	B1	7.60	Tesla-M
16	SPLref(Sd)	90.7	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (10.00 grams)

Area (Sd): 213.82 sq cm

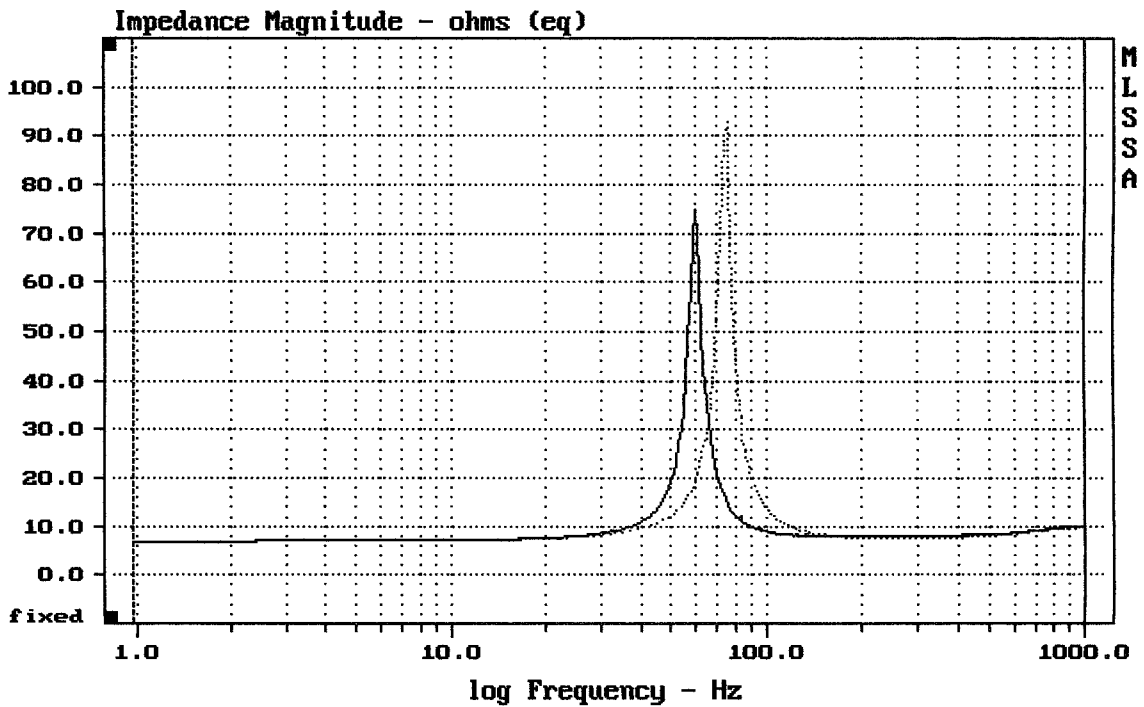
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -19.6% (-20% to -50% is recommended).

SOVEREIGN 8-125

MLSSA: Parameters



mean: 9.787, rms: 12.33, std: 7.503, max: 92.84, min: 6.876

MLSSA: Frequency Domain