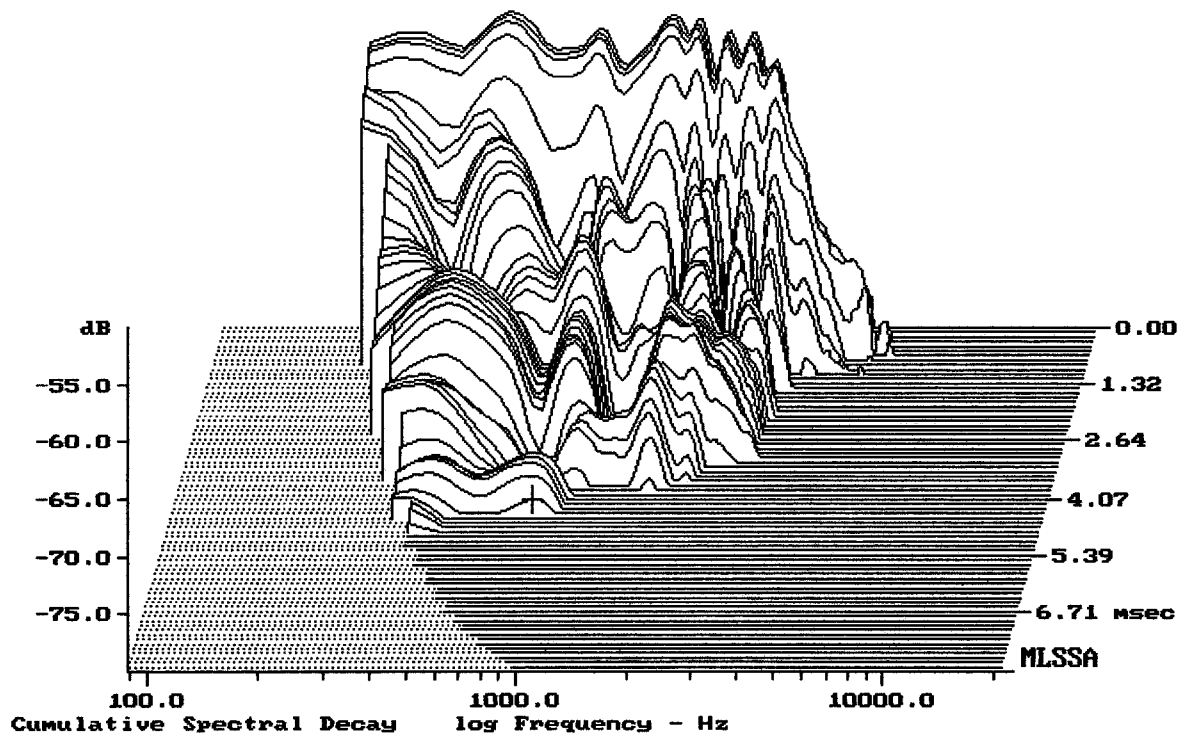


Level (100:3007 Hz) = 94.62 dB SPL/watt (8 ohms, @1.50 meters)

FANE SOVEREIGN 15-400LF

MLSSA: Frequency Domain



-78.81 dB, 843 Hz (19), 4.400 msec (41)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.39	Ohms
2	Fs	37.44	Hz
3	Re	6.21	Ohms[dc]
4	Res	62.43	Ohms
5	Qms	6.60	
6	Qes	0.66	
7	Qts	0.60	
8	L1	1.23	mH
9	L2	1.85	mH
10	R2	7.01	Ohms
11	RMSE-load	0.50	Ohms
12	Vas(Sd)	254.71	liters
13	Mms	72.89	grams
14	Cms	248	$\mu\text{M}/\text{Newton}$
15	Bl	12.73	Tesla-M
16	SPLref(Sd)	94.9	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (80.00 grams)

Area (Sd): 855.30 sq cm

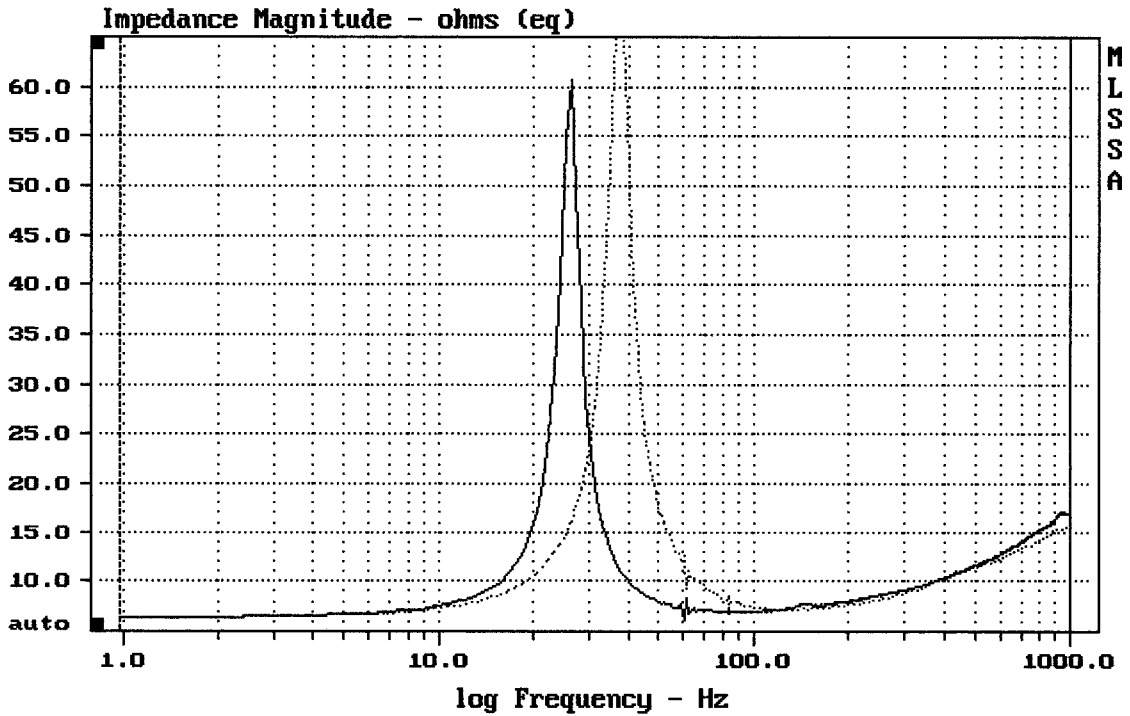
DCR mode: Measure (-0.14 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -30.4% (-20% to -50% is recommended).

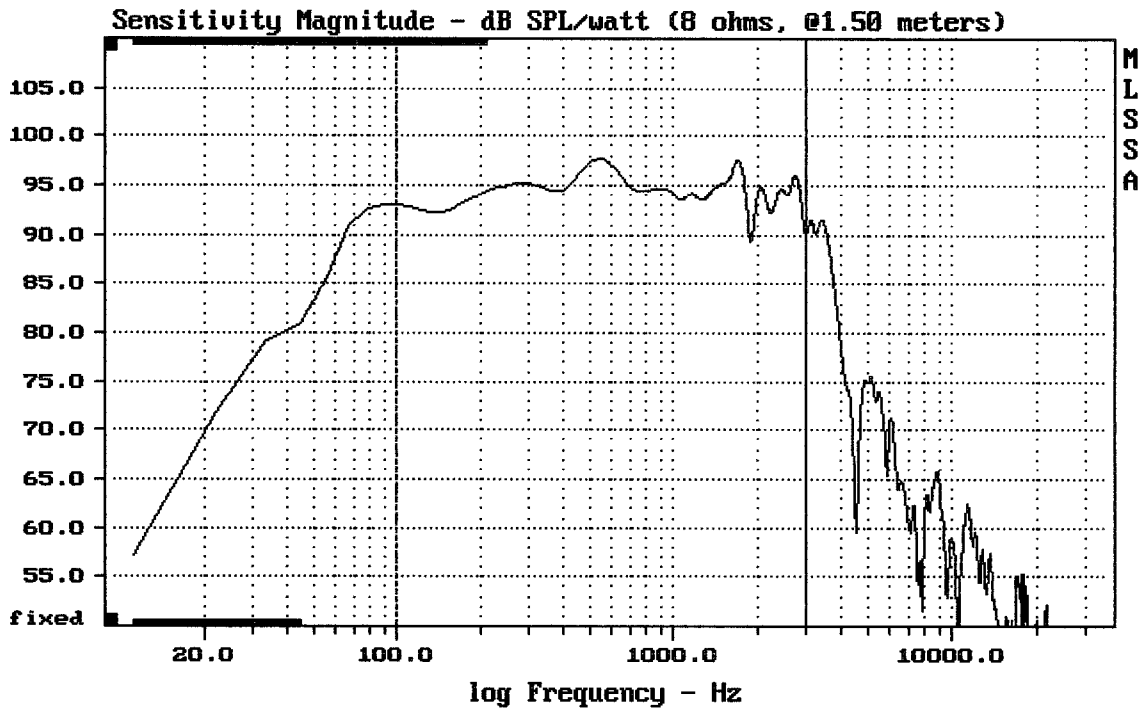
FANE SOVEREIGN 15-400LF

MLSSA: Parameters



mean: 12.01, rms: 13.09, std: 5.217, max: 68.68, min: 6.318

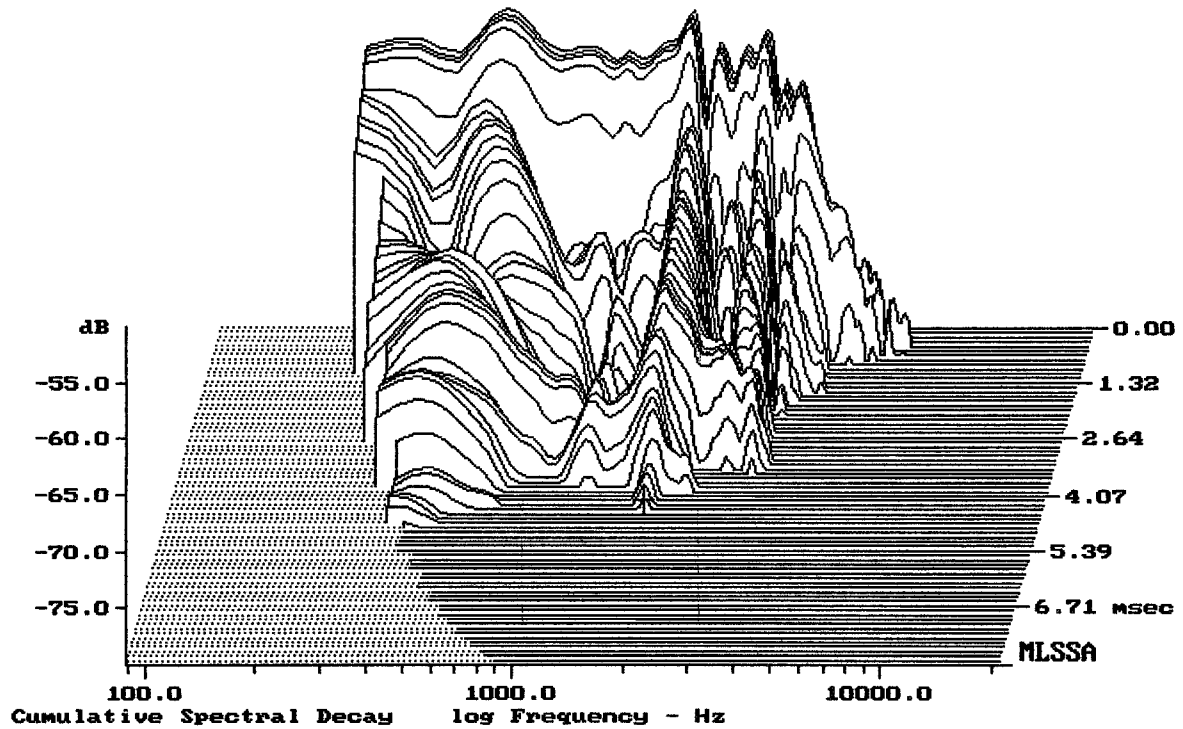
MLSSA: Frequency Domain



Level (100:2985 Hz) = 94.66 dB SPL/watt (8 ohms, @1.50 meters)

SOVEREIGN 15-400LF

MLSSA: Frequency Domain



-79.06 dB, 1731 Hz (39), 4.400 msec (41)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.47	Ohms
2	Fs	49.70	Hz
3	Re	6.26	Ohms[dc]
4	Res	59.55	Ohms
5	Qms	8.12	
6	Qes	0.85	
7	Qts	0.77	
8	L1	1.17	mH
9	L2	1.78	mH
10	R2	7.54	Ohms
11	RMSE-load	0.41	Ohms
12	Vas(Sd)	147.71	liters
13	Mms	71.32	grams
14	Cms	144	$\mu\text{M}/\text{Newton}$
15	B1	12.78	Tesla-M
16	SPLref(Sd)	95.1	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (80.00 grams)

Area (Sd): 855.30 sq cm

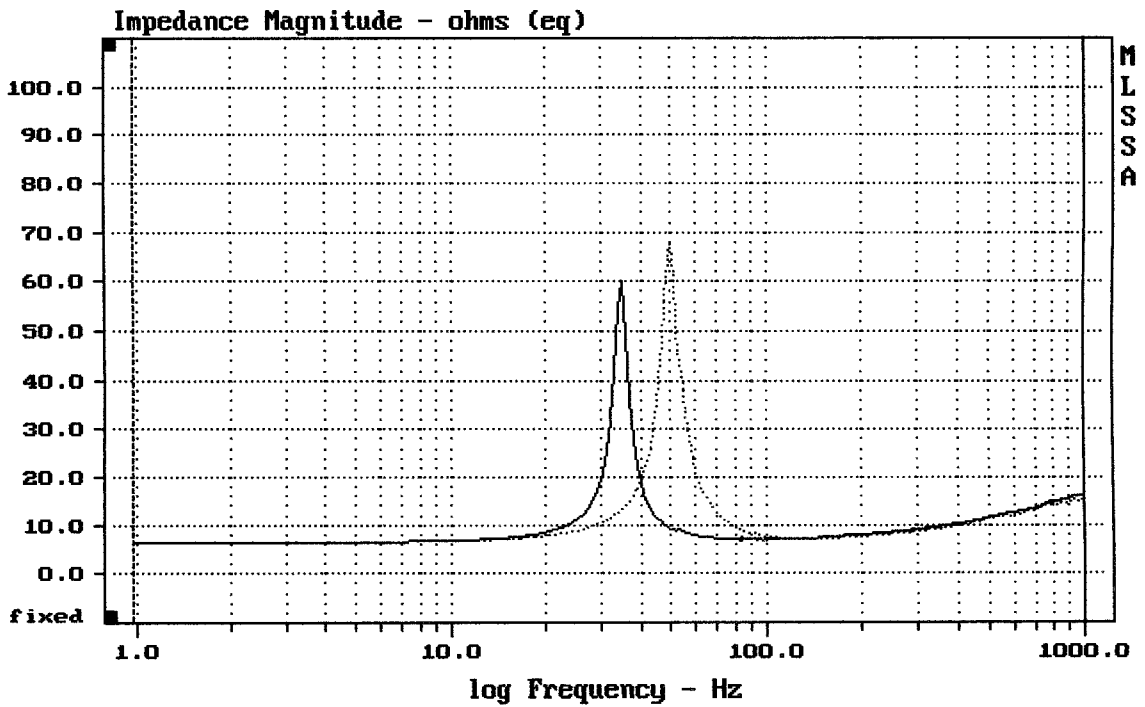
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -30.0% (-20% to -50% is recommended).

SOVEREIGN 15-400LF

MLSSA: Parameters



mean: 11.9, rms: 12.98, std: 5.168, max: 67.82, min: 6.344

MLSSA: Frequency Domain