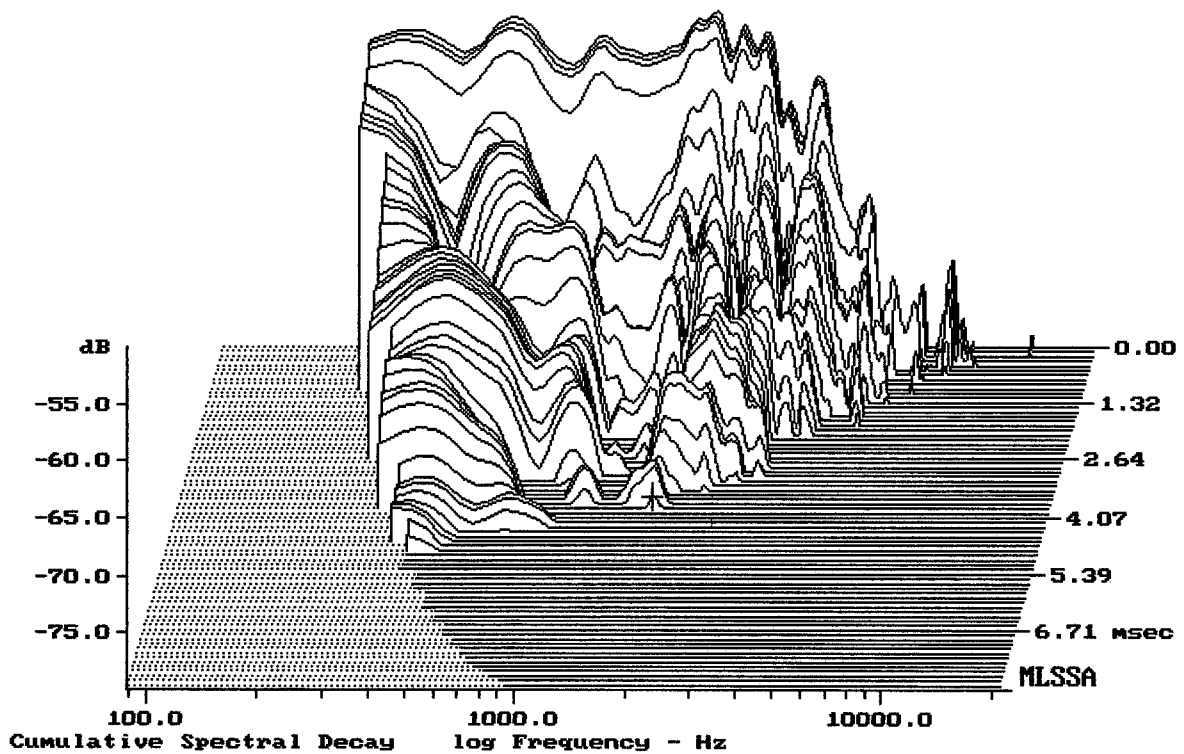


Level (100:2907 Hz) = 96.15 dB SPL/watt (8 ohms, @1.50 meters)

FANE SOVEREIGN 15-400

MLSSA: Frequency Domain



-78.93 dB, 1731 Hz (39), 3.850 msec (36)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.66	Ohms
2	Fs	37.89	Hz
3	Re	5.25	Ohms[dc]
4	Res	69.61	Ohms
5	Qms	6.18	
6	Qes	0.47	
7	Qts	0.43	
8	L1	0.85	mH
9	L2	1.67	mH
10	R2	8.18	Ohms
11	RMSE-load	0.62	Ohms
12	Vas(Sd)	290.76	liters
13	Mms	62.36	grams
14	Cms	283	$\mu\text{M}/\text{Newton}$
15	B1	12.93	Tesla-M
16	SPLref(Sd)	97.1	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (80.00 grams)

Area (Sd): 855.30 sq cm

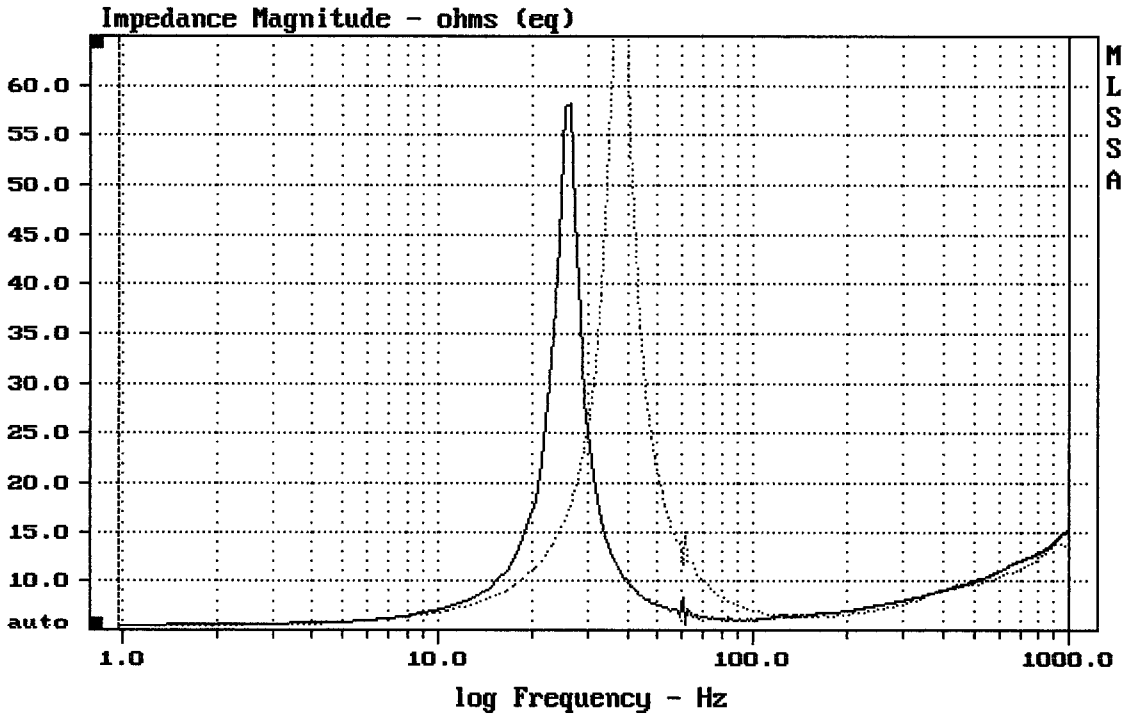
DCR mode: Measure (-0.14 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -32.0% (-20% to -50% is recommended).

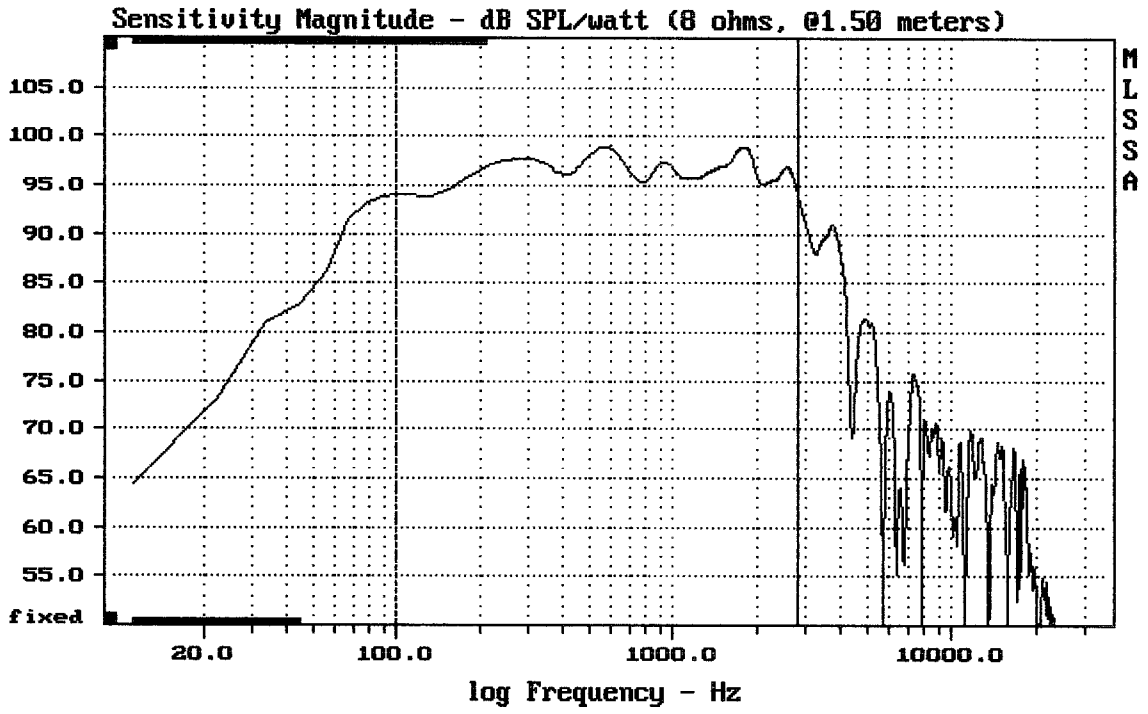
FANE SOVEREIGN 15-400

MLSSA: Parameters



mean: 10.77, rms: 12.28, std: 5.882, max: 76.03, min: 5.388

MLSSA: Frequency Domain



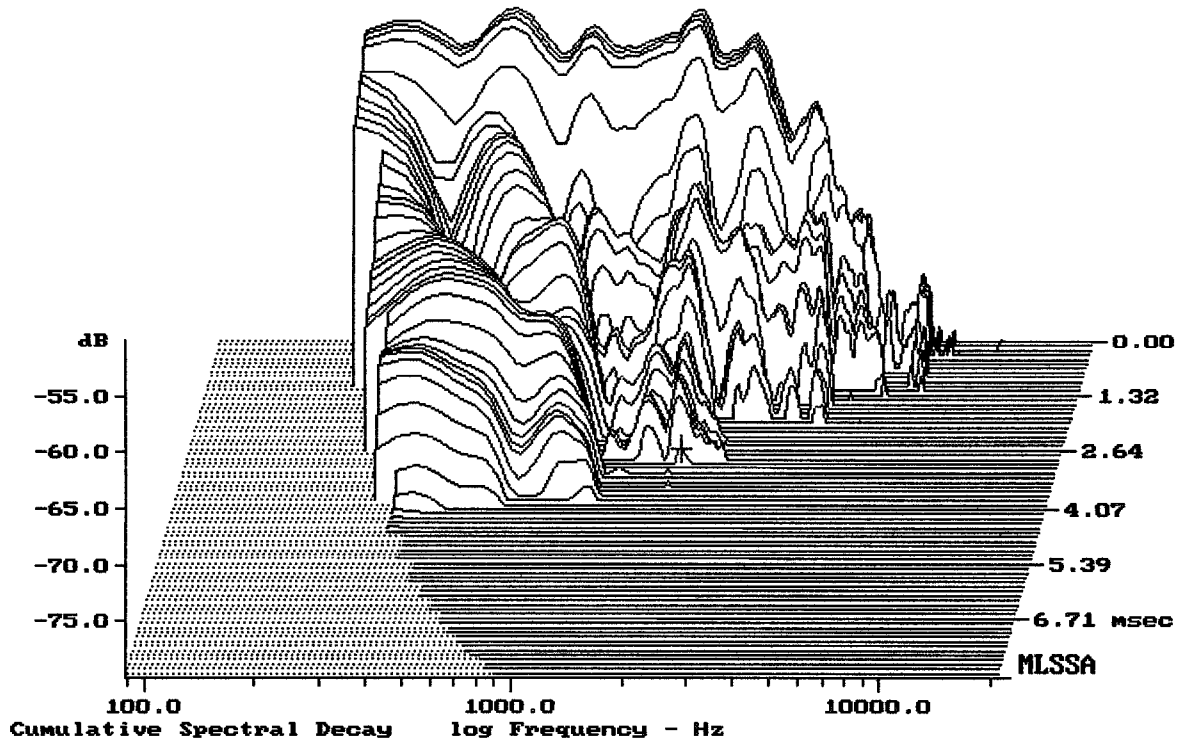

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Level (100:2000 Hz) = 96.63 dB SPL/watt (8 ohms, @1.50 meters)

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SOVEREIGN 15-400

MLSSA: Frequency Domain



-78.71 dB, 1998 Hz (45), 2.970 msec (28)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.80	Ohms
2	Fs	47.33	Hz
3	Re	5.11	Ohms[dc]
4	Res	94.43	Ohms
5	Qms	9.85	
6	Qes	0.53	
7	Qts	0.51	
8	L1	0.71	mH
9	L2	1.47	mH
10	R2	8.26	Ohms
11	RMSE-load	0.45	Ohms
12	Vas(Sd)	160.00	liters
13	Mms	72.61	grams
14	Cms	156	$\mu\text{M}/\text{Newton}$
15	B1	14.39	Tesla-M
16	SPLref(Sd)	96.9	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (80.00 grams)

Area (Sd): 855.30 sq cm

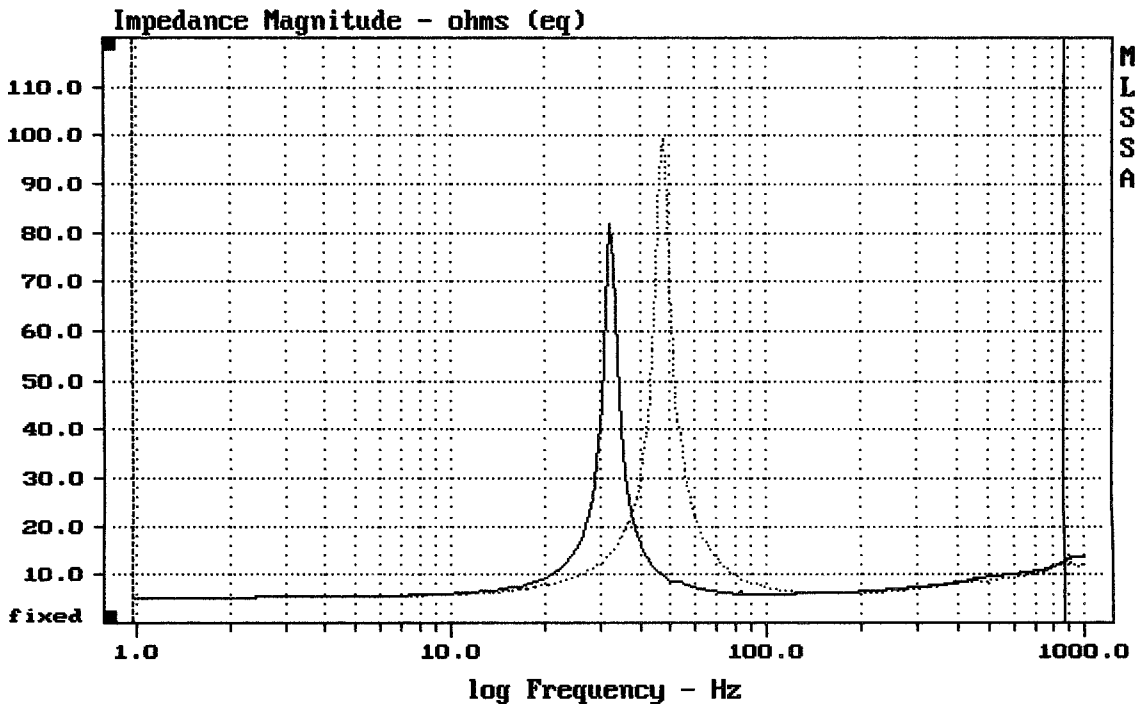
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -31.5% (-20% to -50% is recommended).

SOVEREIGN 15-400

MLSSA: Parameters



mean: 9.955, rms: 12.56, std: 7.653, max: 99.28, min: 5.185

MLSSA: Frequency Domain