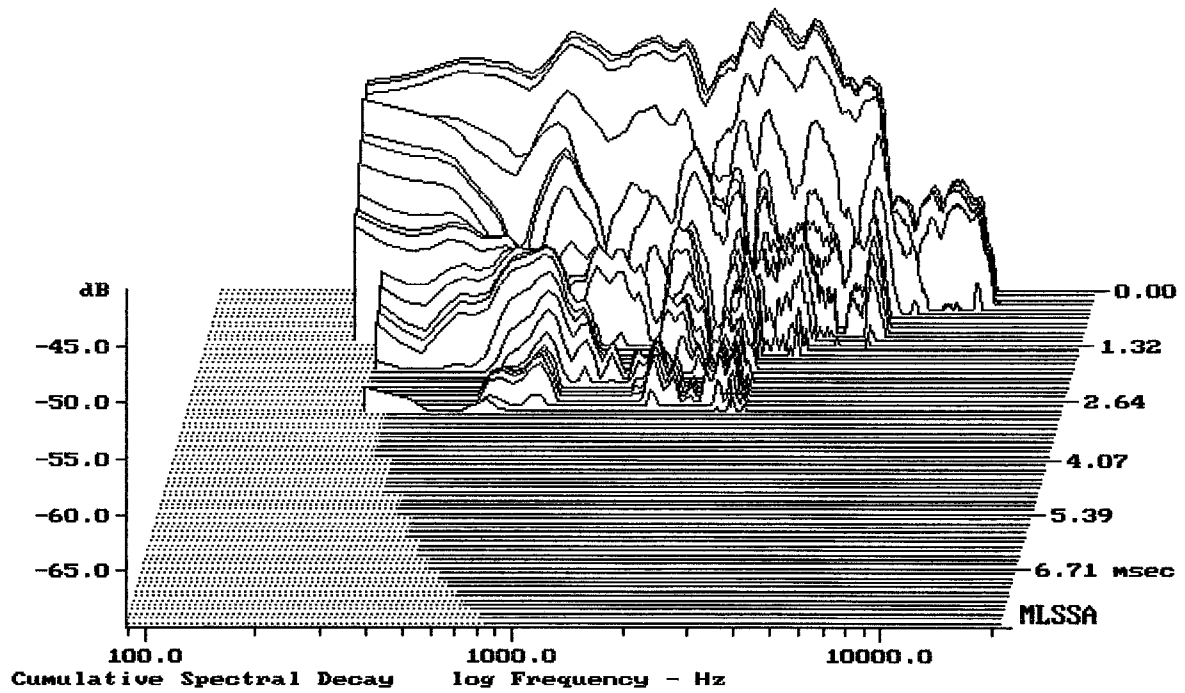


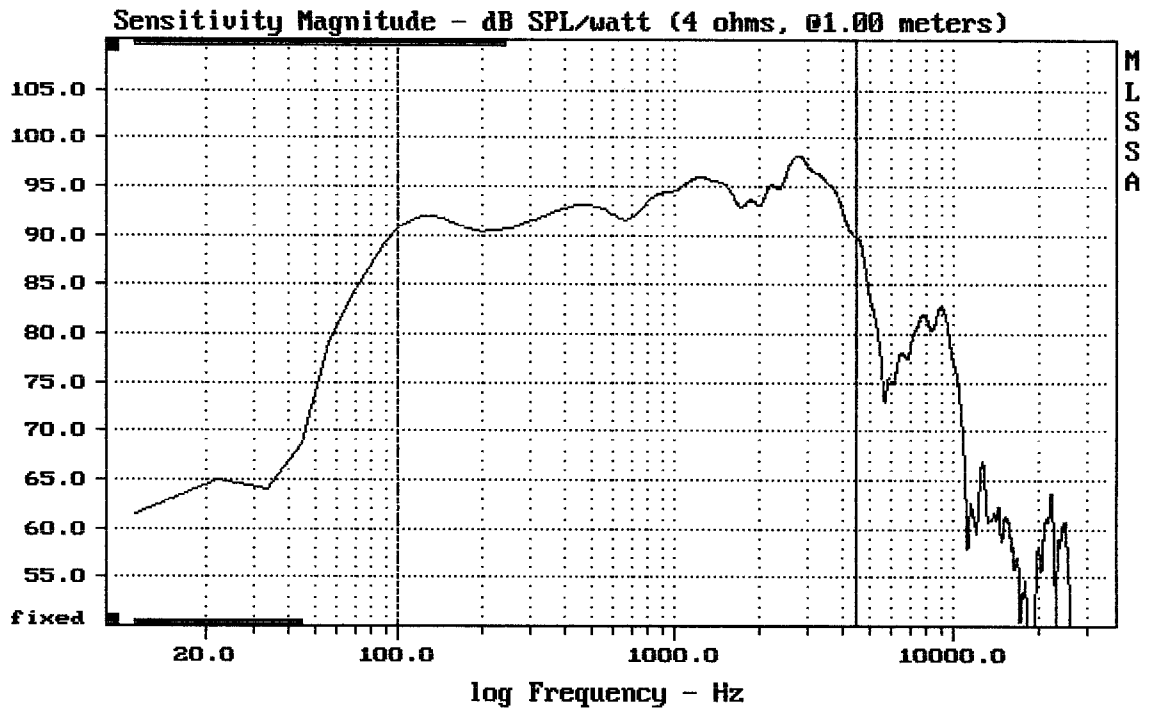
Level (100:5604 Hz) = 94.11 dB SPL/watt (4 ohms, @1.00 meters)

AR0711

MLSSA: Frequency Domain



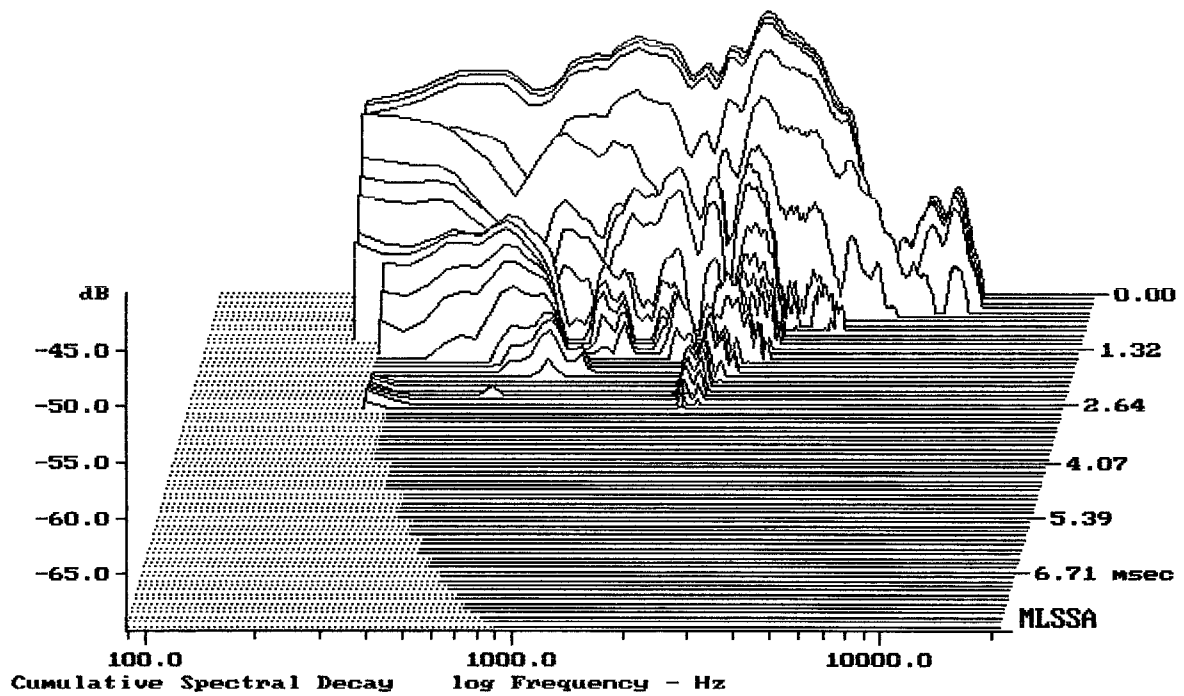
-68.51 dB, 2663 Hz (60), 2.860 msec (27)



Level (100:4506 Hz) = 93.58 dB SPL/watt (4 ohms, @1.00 meters)

AR0711

MLSSA: Frequency Domain



-69.01 dB, 1953 Hz (44), 2.640 msec (25)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.11	Ohms
2	Fs	76.66	Hz
3	Re	3.26	Ohms[dc]
4	Res	27.00	Ohms
5	Qms	8.65	
6	Qes	1.04	
7	Qts	0.93	
8	L1	0.30	mH
9	L2	0.58	mH
10	R2	3.82	Ohms
11	RMSE-load	0.23	Ohms
12	Vas(Sd)	56.53	liters
13	Mms	18.48	grams
14	Cms	233	$\mu\text{M}/\text{Newton}$
15	B1	5.27	Tesla-M
16	SPLref(Sd)	95.7	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (20.00 grams)

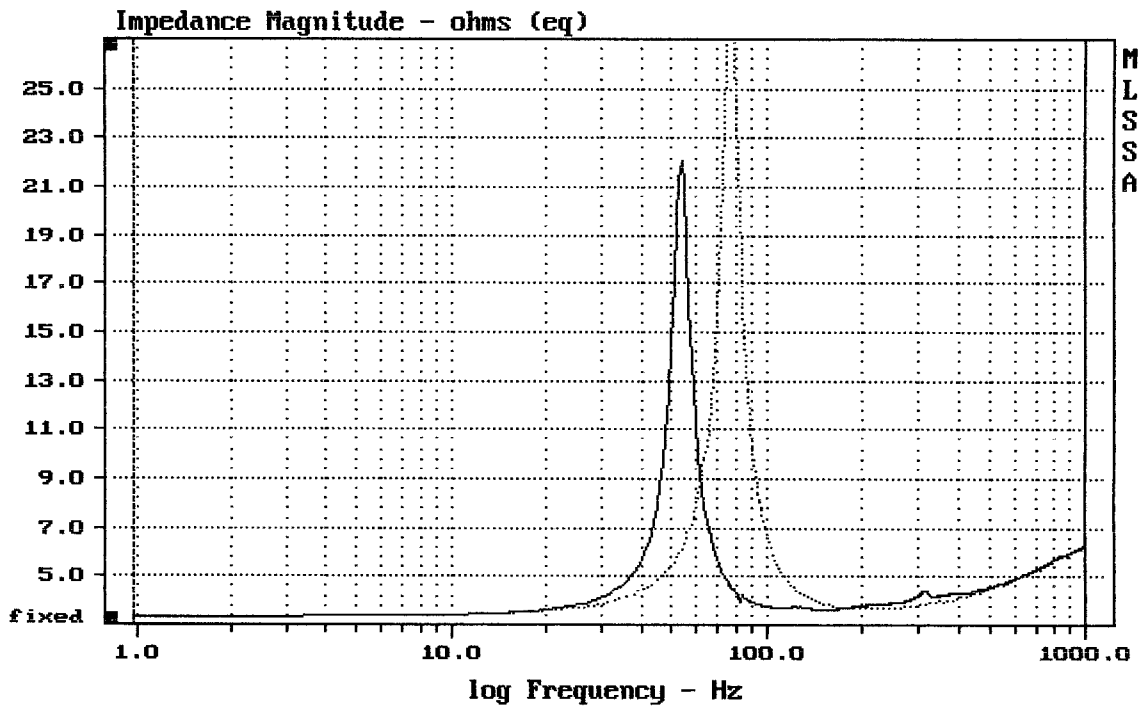
Area (Sd): 415.48 sq cm

DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -30.3% (-20% to -50% is recommended).

MLSSA: Parameters



mean: 5.191, rms: 5.824, std: 2.639, max: 30.51, min: 3.305

MLSSA: Frequency Domain

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.19	Ohms
2	Fs	43.83	Hz
3	Re	3.24	Ohms[dc]
4	Res	22.72	Ohms
5	Qms	4.86	
6	Qes	0.69	
7	Qts	0.61	
8	L1	0.30	mH
9	L2	0.44	mH
10	R2	2.39	Ohms
11	RMSE-load	0.30	Ohms
12	Vas(Sd)	216.86	liters
13	Mms	14.74	grams
14	Cms	894	$\mu\text{M}/\text{Newton}$
15	B1	4.35	Tesla-M
16	SPLref(Sd)	96.0	dB[Re]
17	Rub-index	0.05	

Method: Mass-loaded (20.00 grams)

Area (Sd): 415.48 sq cm

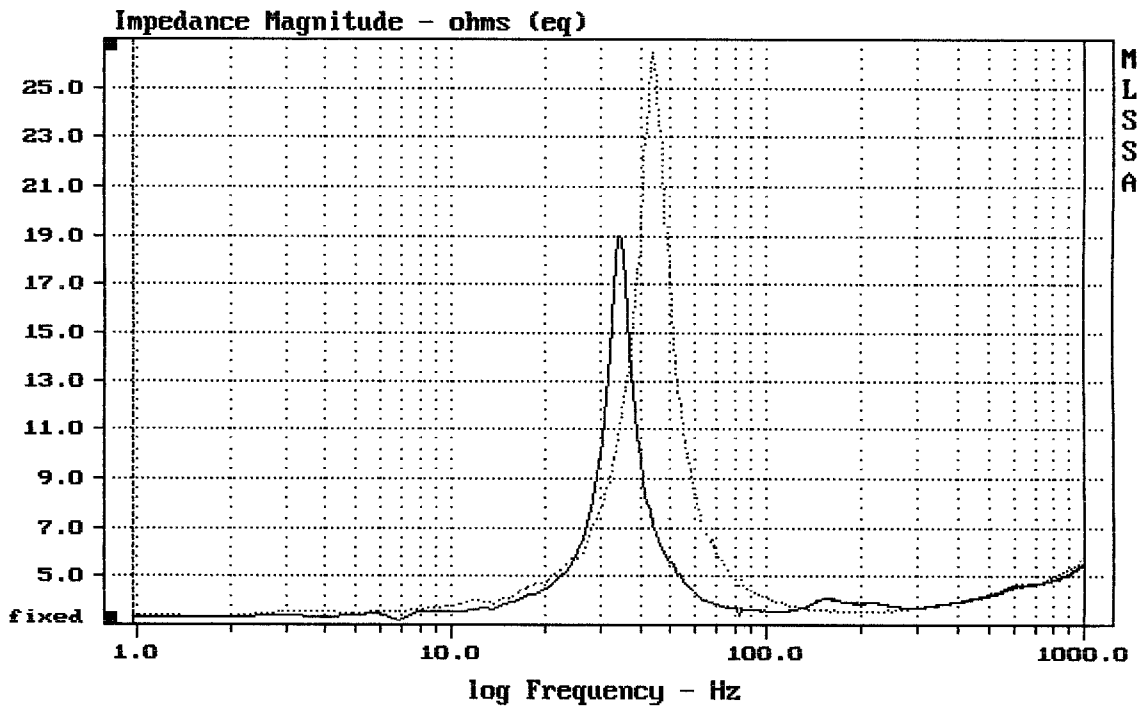
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -21.4% (-20% to -50% is recommended).

ARO711

MLSSA: Parameters



mean: 4.781, rms: 5.269, std: 2.214, max: 26.46, min: 3.346

MLSSA: Frequency Domain