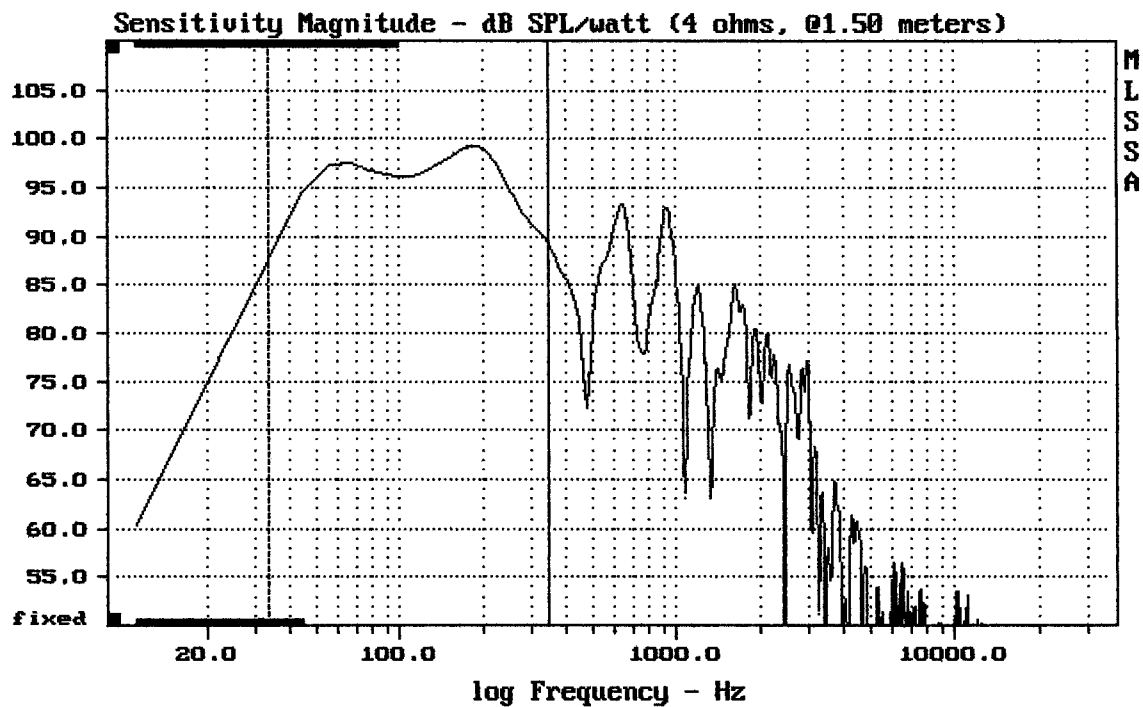


Overlay Compare: dev= +2.2/-1.3, std= 1.1, avg= 0.54

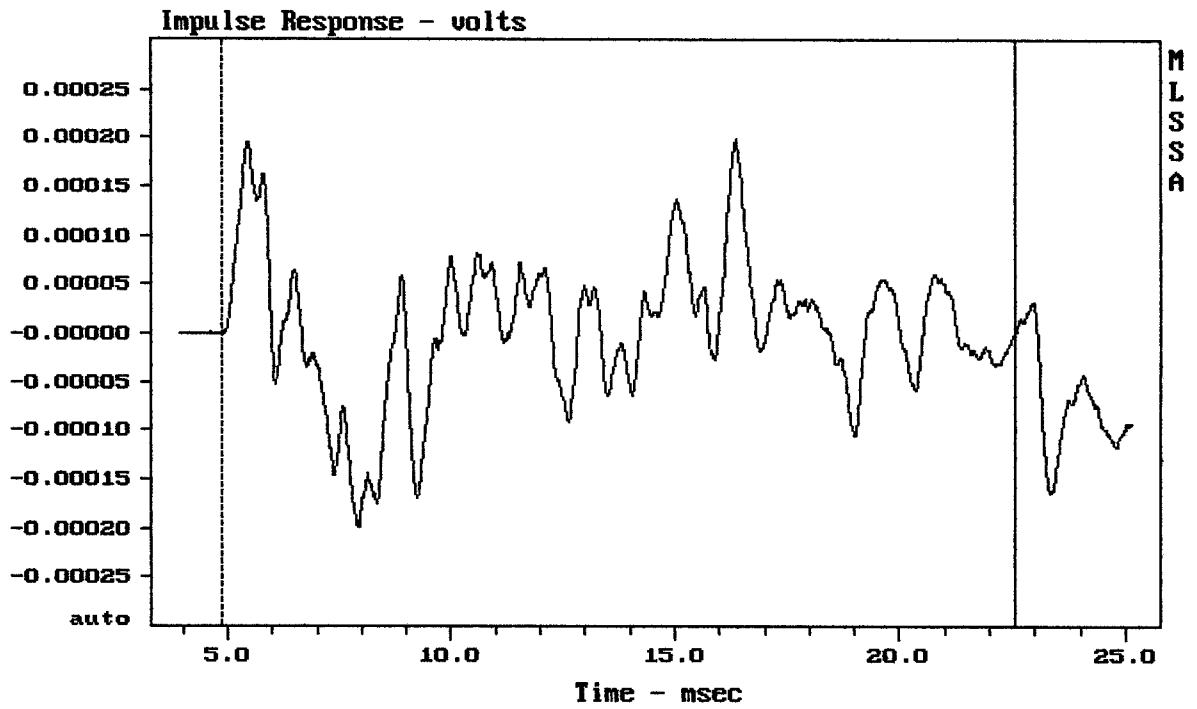
MARTIN AUDIO EM150 2x10"

MLSSA: Frequency Domain



Level (33:344 Hz) = 96.12 dB SPL/watt (4 ohms, @1.50 meters)

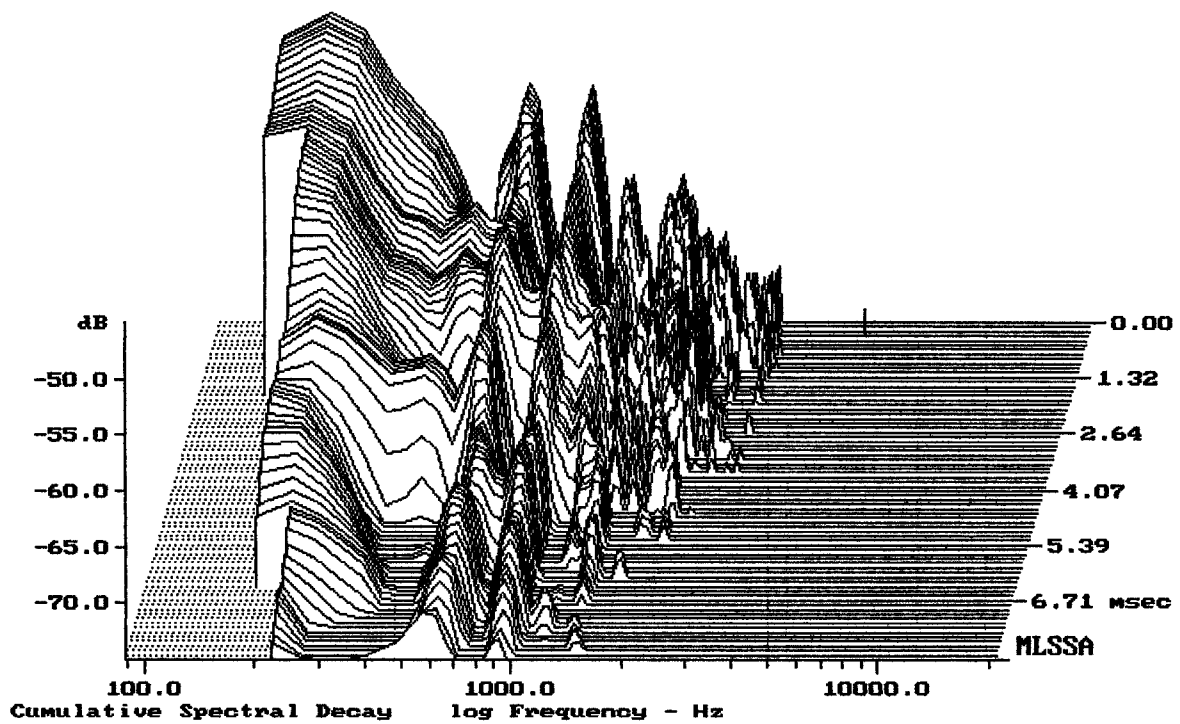
MARTIN AUDIO EM150 2x10"



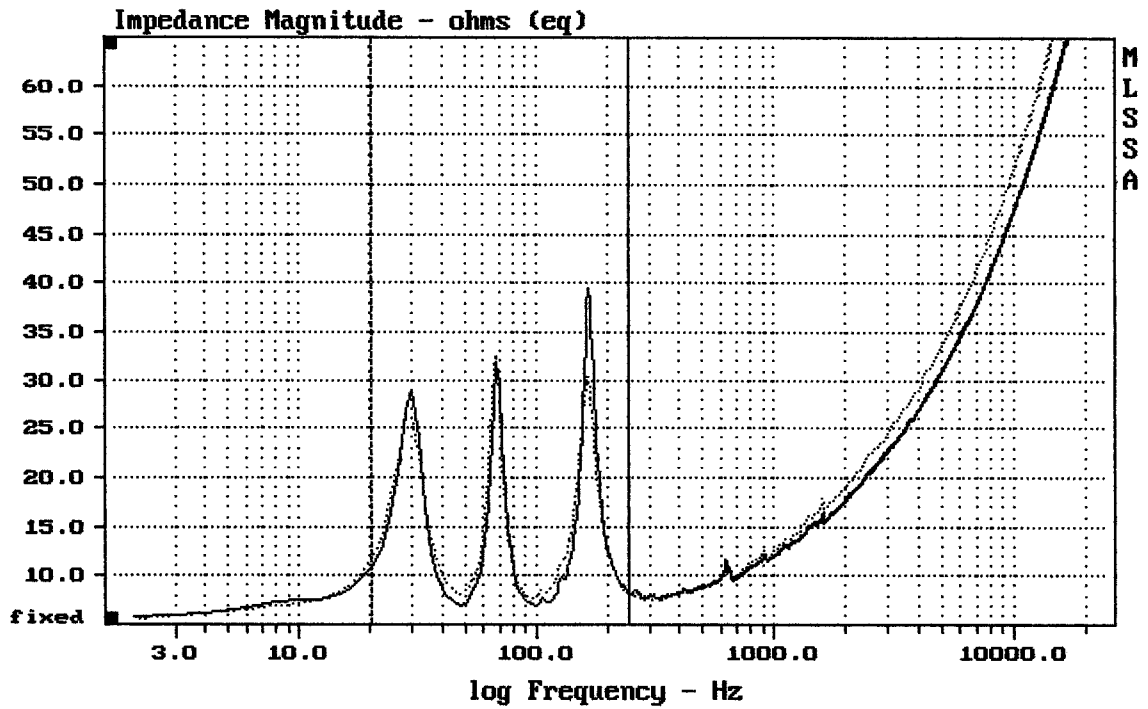
mean: 5.467e-006, rms: 7.239e-005, std: 7.218e-005, max: 0.0001979, min: -0.00

MARTIN AUDIO EM150 2x10"

MLSSA: Time Domain



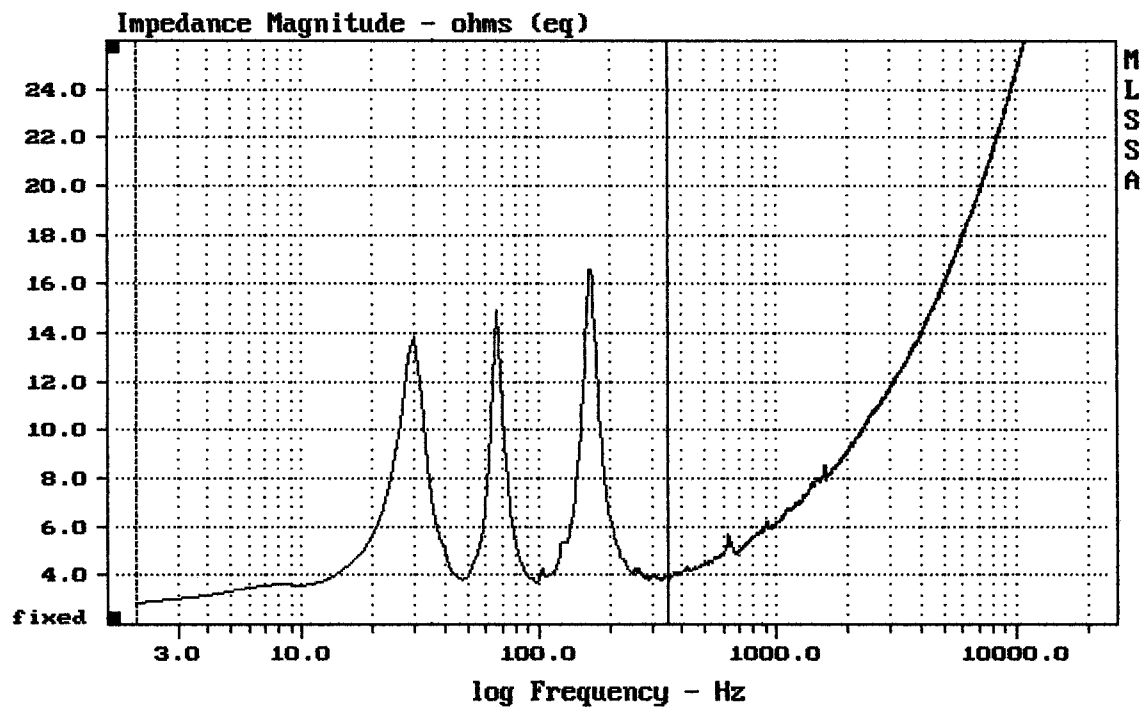
-75.00 dB, 5060 Hz (114), 0.000 msec (1)



mean: 14.42, rms: 15.95, std: 6.812, max: 32.4, min: 7.61

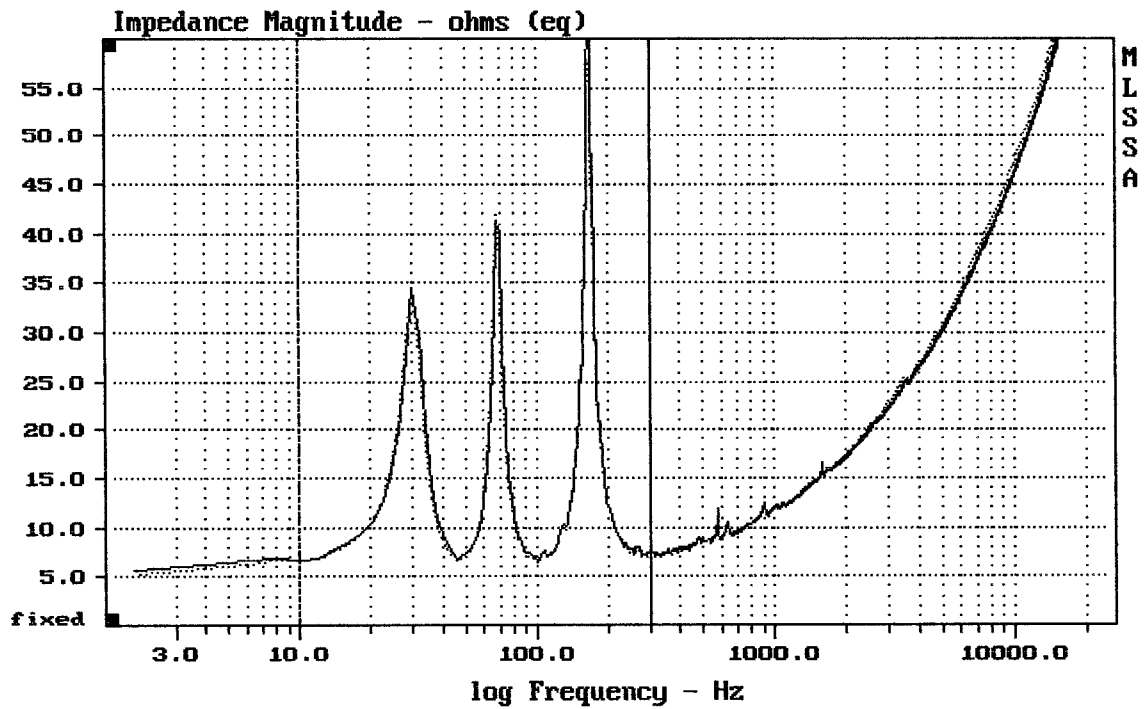
MARTIN AUDIO EM150 2x10"

MLSSA: Frequency Domain



mean: 6.021, rms: 6.841, std: 3.248, max: 16.59, min: 2.888

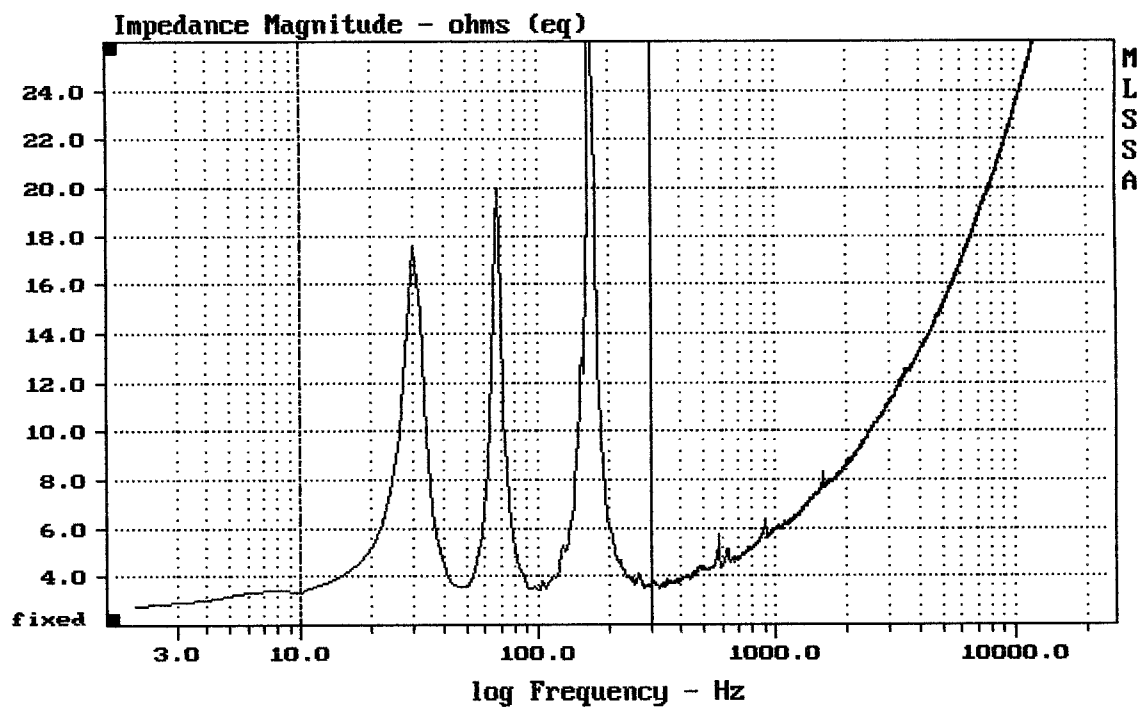
MARTIN AUDIO EM150 2x10"



mean: 13.87, rms: 17.61, std: 10.85, max: 57.51, min: 6.488

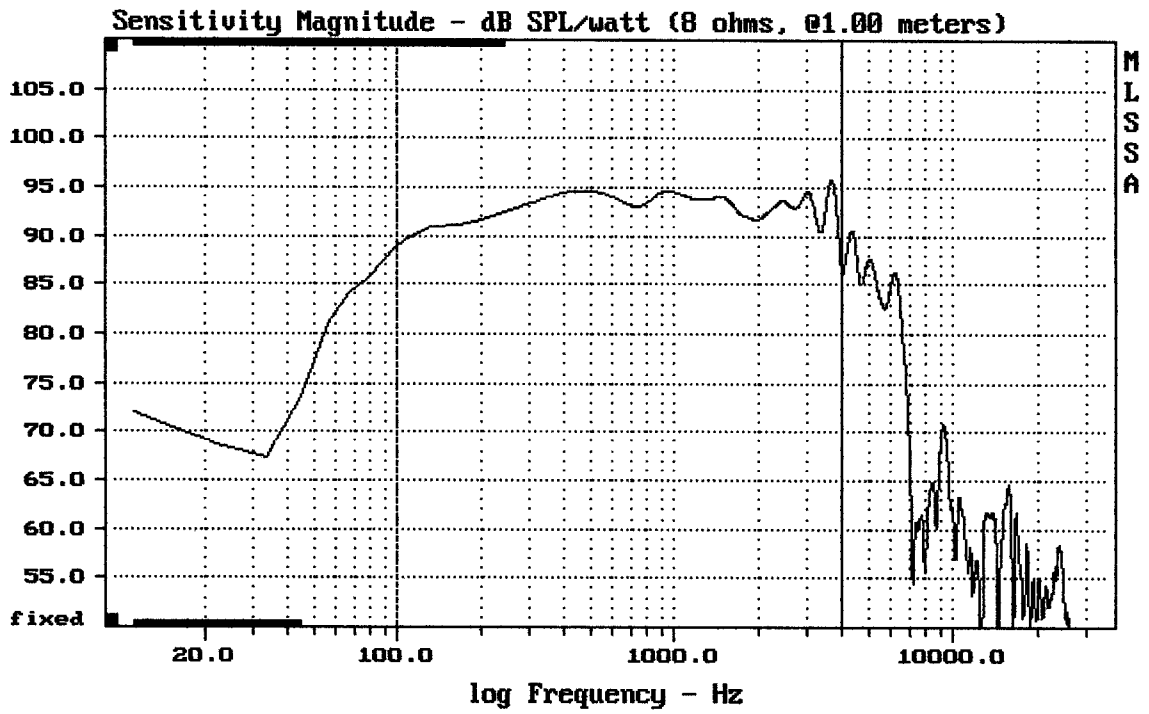
MARTIN AUDIO EM150 2x10"

MLSSA: Frequency Domain



mean: 6.985, rms: 8.765, std: 5.295, max: 28.19, min: 3.31

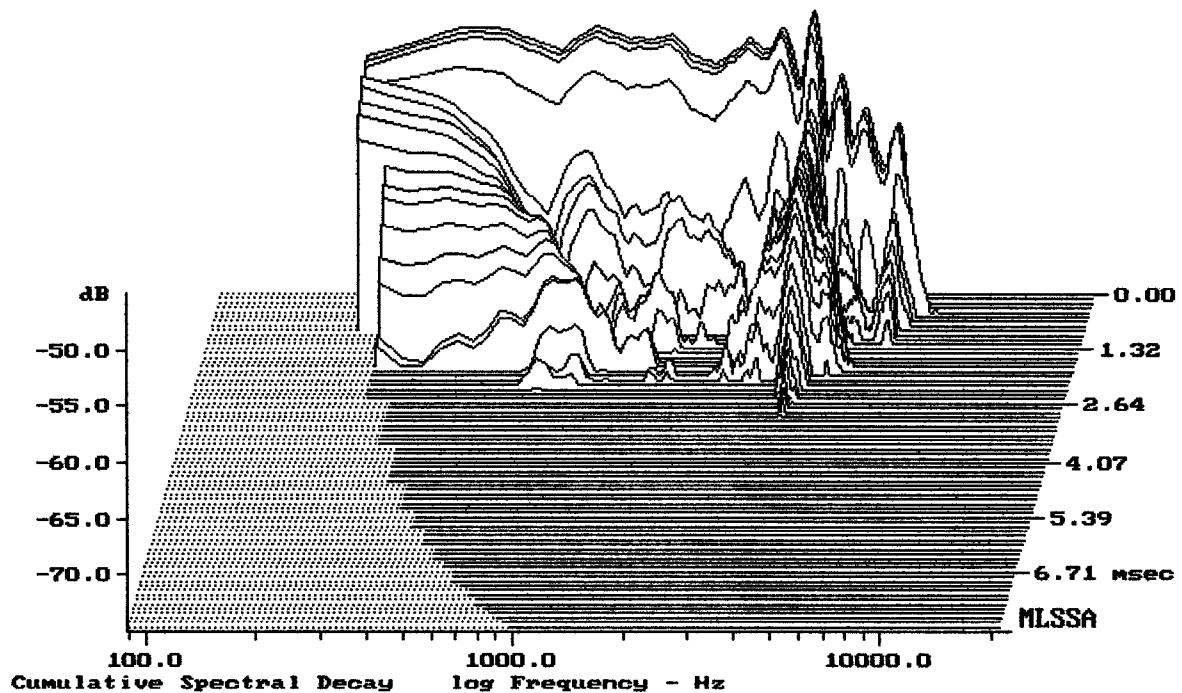
MARTIN AUDIO EM150 2x10"



Level (100:4006 Hz) = 93.11 dB SPL/watt (8 ohms, @1.00 meters)

10" MA DLS 1021

MLSSA: Frequency Domain



-73.77 dB, 3640 Hz (82), 2.860 msec (27)

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.33	Ohms
2	Fs	61.98	Hz
3	Re	5.51	Ohms[dc]
4	Res	47.23	Ohms
5	Qms	3.32	
6	Qes	0.39	
7	Qts	0.35	
8	L1	0.93	mH
9	L2	1.30	mH
10	R2	4.86	Ohms
11	RMSE-load	0.59	Ohms
12	Vas(Sd)	35.49	liters
13	Mms	31.31	grams
14	Cms	211	$\mu\text{M}/\text{Newton}$
15	B1	13.17	Tesla-M
16	SPLref(Sd)	95.2	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (40.00 grams)

Area (Sd): 346.36 sq cm

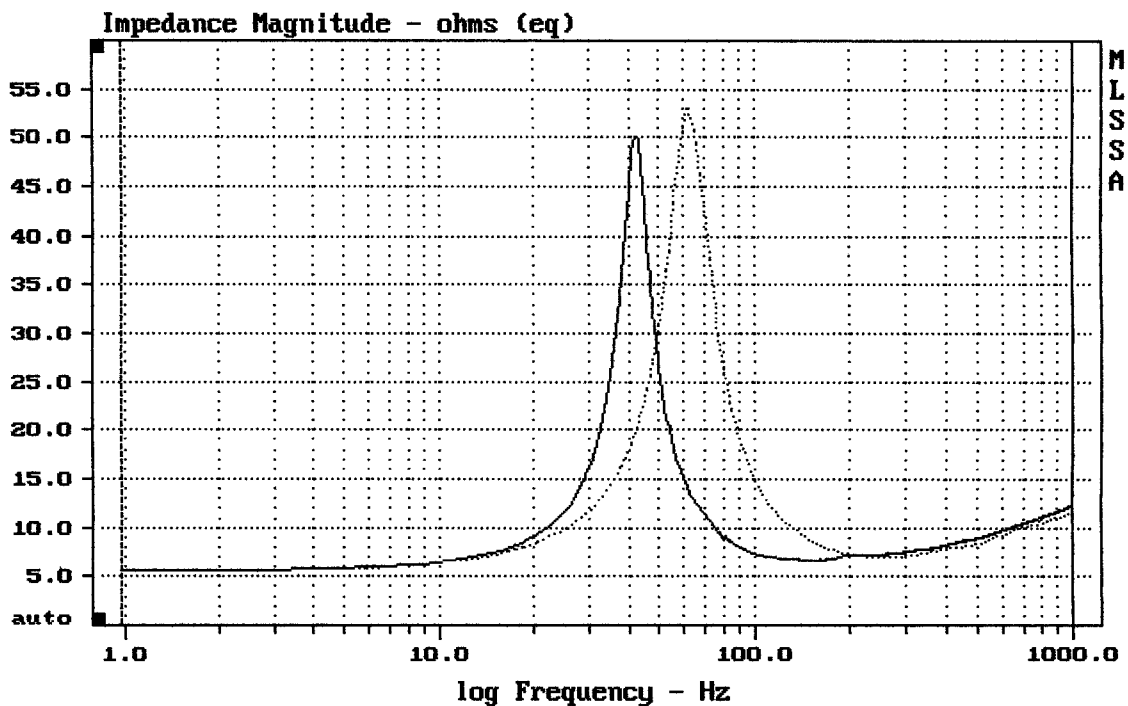
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -32.2% (-20% to -50% is recommended).

10" FROM MARTIN EM150 AUDIO BANDPASS DLS 1021

MLSSA: Parameters



MLSSA: Frequency Domain

Measured Data

QC Limits

Line	Parameter	Value	Units
1	RMSE-free	0.34	Ohms
2	Fs	60.97	Hz
3	Re	5.45	Ohms[dc]
4	Res	60.24	Ohms
5	Qms	3.73	
6	Qes	0.34	
7	Qts	0.31	
8	L1	1.03	mH
9	L2	1.51	mH
10	R2	5.39	Ohms
11	RMSE-load	0.63	Ohms
12	Vas(Sd)	35.50	liters
13	Mms	32.34	grams
14	Cms	211	$\mu\text{M}/\text{Newton}$
15	Bl	14.14	Tesla-M
16	SPLref(Sd)	95.6	dB[Re]
17	Rub-index	0.01	

Method: Mass-loaded (40.00 grams)

Area (Sd): 346.36 sq cm

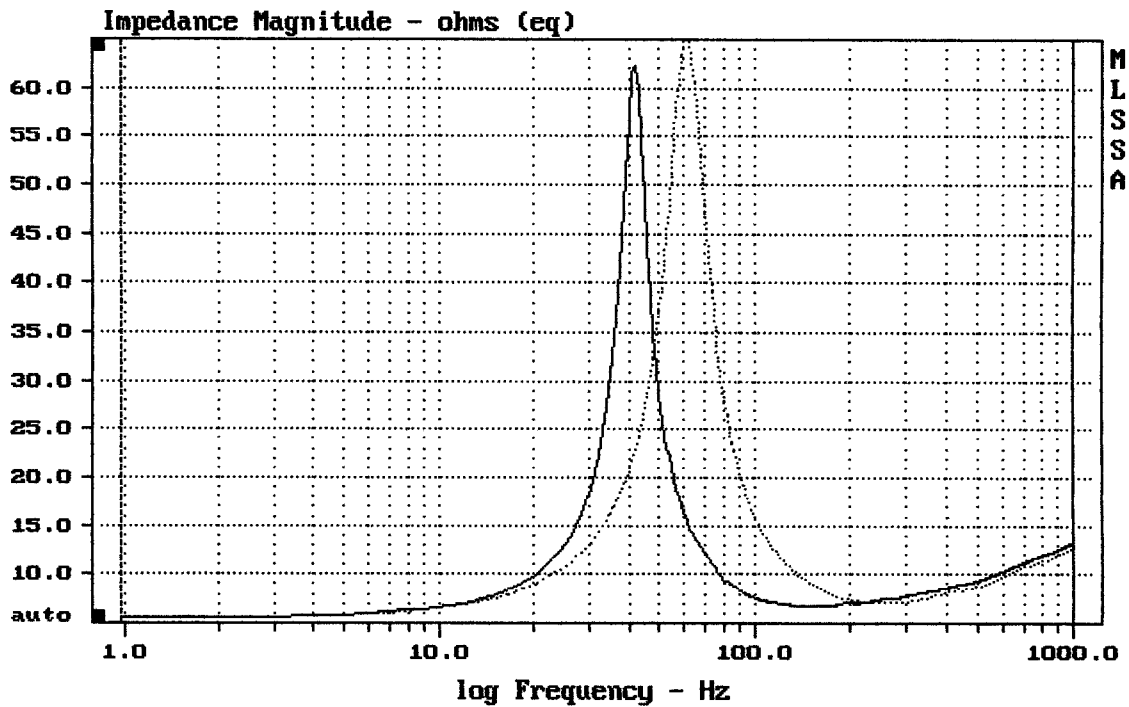
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -31.7% (-20% to -50% is recommended).

10" FROM MARTIN EM150 AUDIO BANDPASS DLS 1021

MLSSA: Parameters



mean: 11.28, rms: 13.59, std: 7.58, max: 65.86, min: 5.512

MLSSA: Frequency Domain