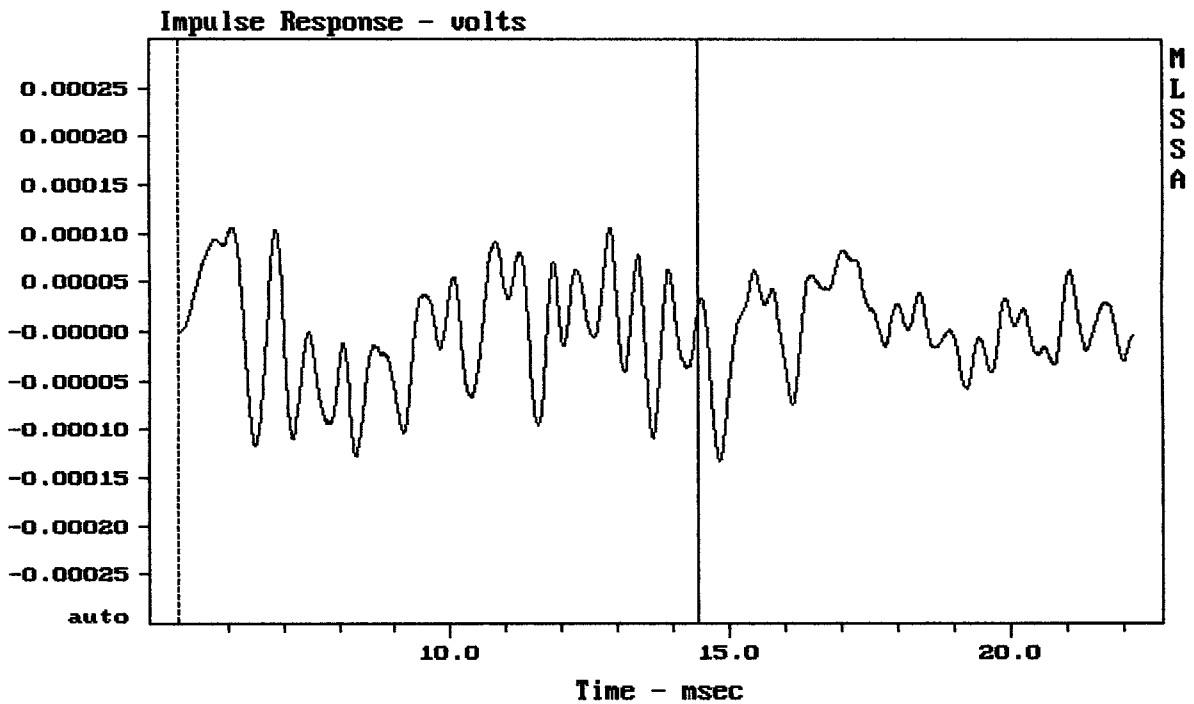


Level (44:244 Hz) = 98.84 dB SPL/watt (16 ohms, @1.50 meters)

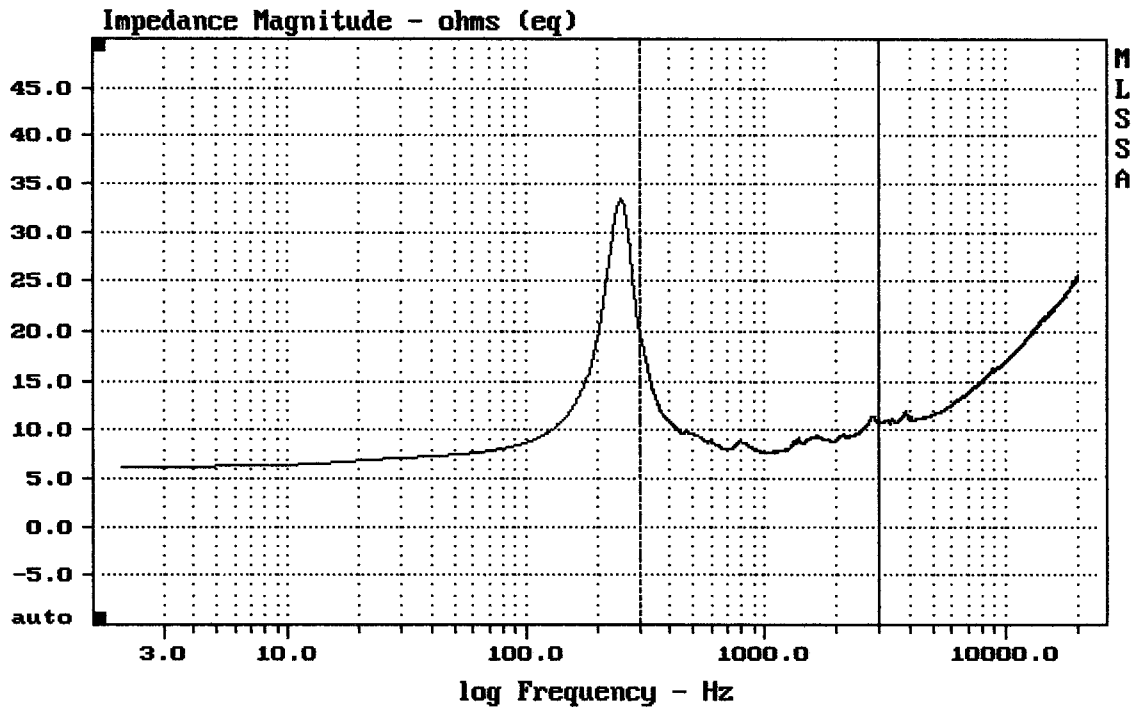
ES1.5

MLSSA: Frequency Domain



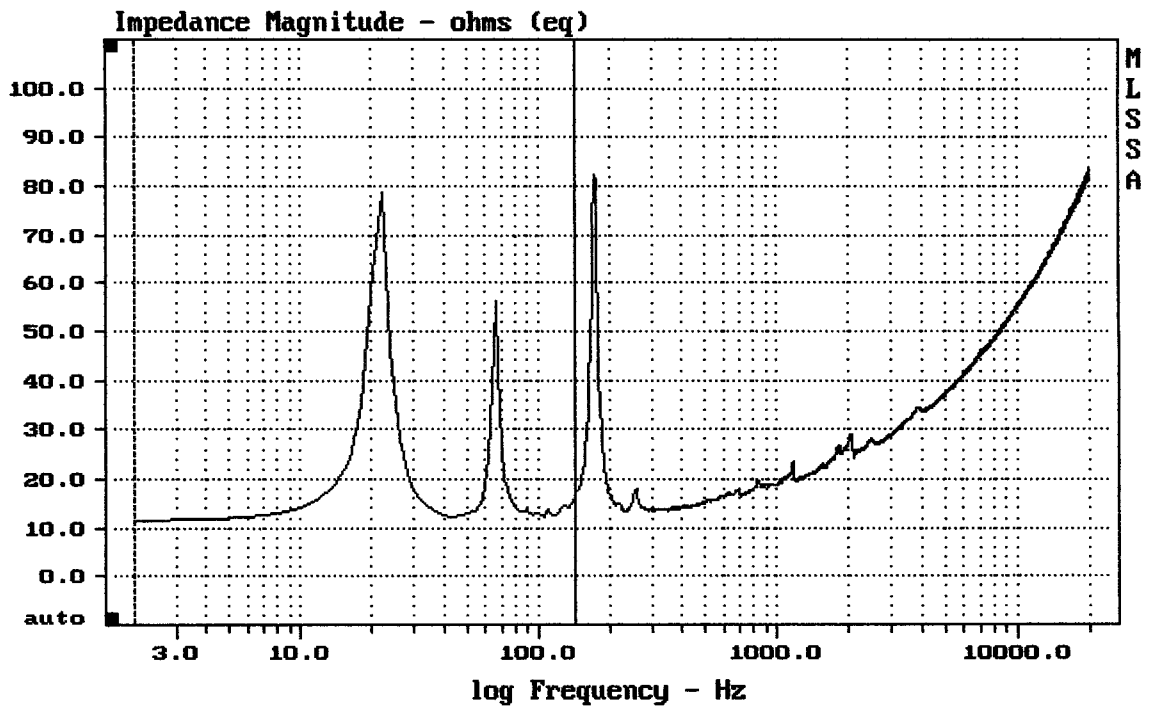
mean: -4.449e-007, rms: 6.056e-005, std: 6.055e-005, max: 0.000106, min: -0.000106

ES1.5

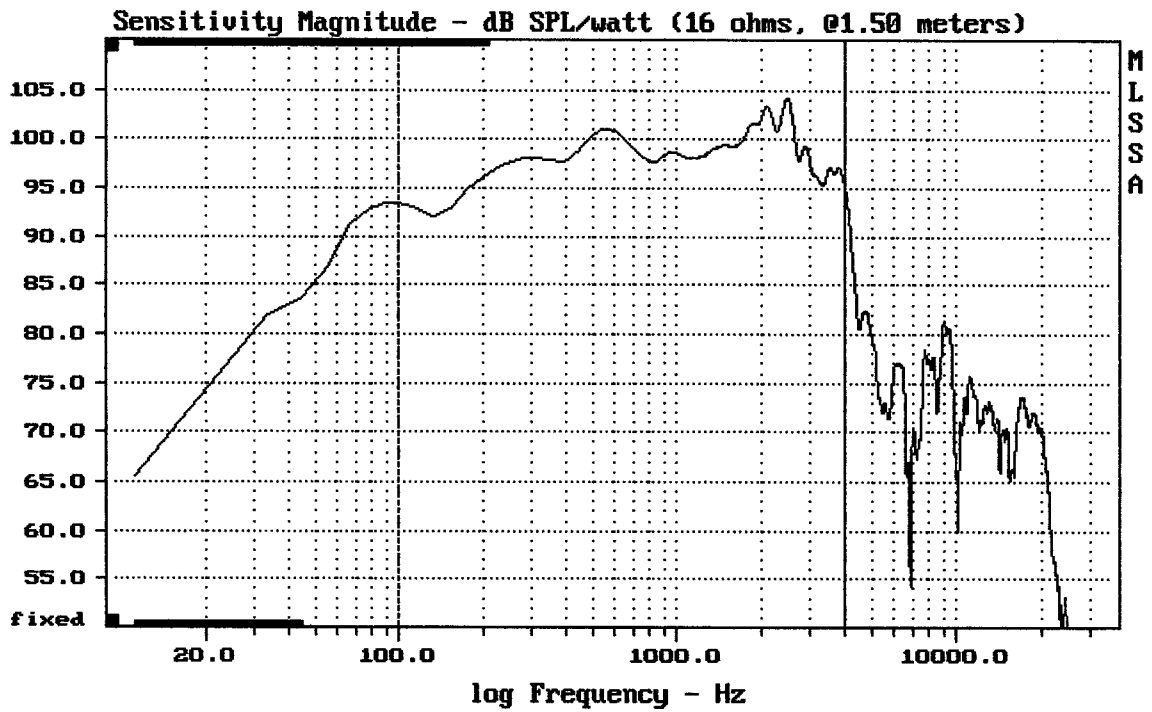


6" ES1.0

MLSSA: Frequency Domain



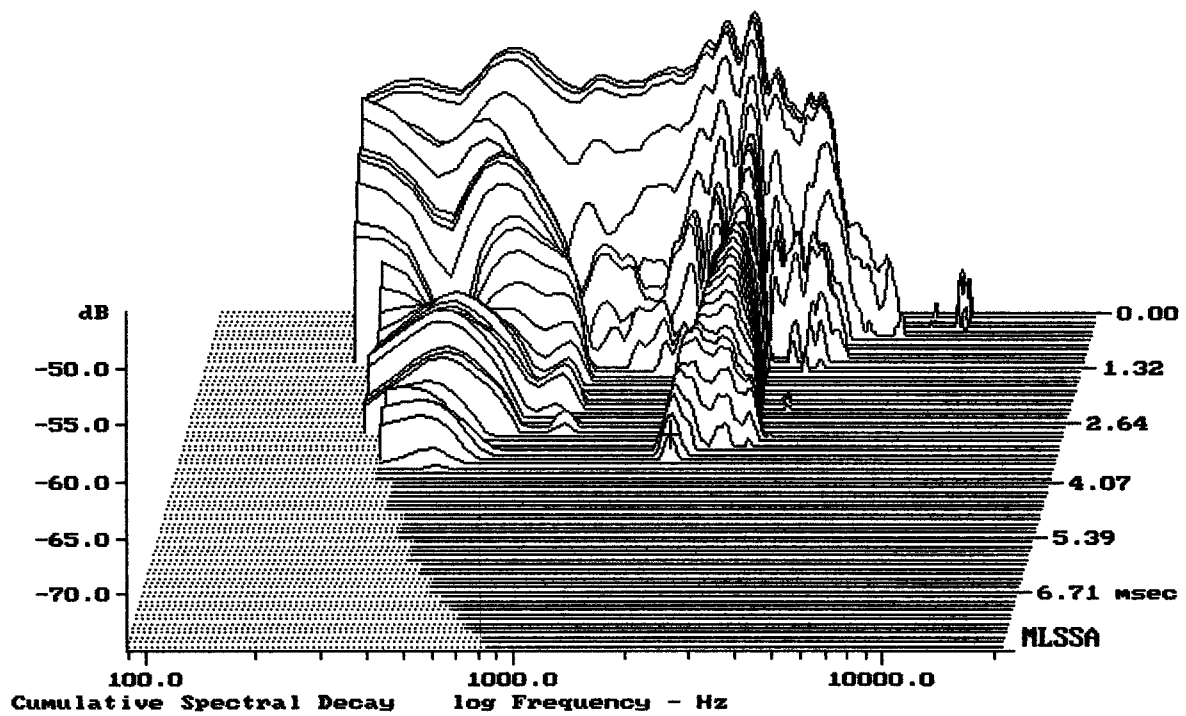
ES1.5



Level (100:3995 Hz) = 98.65 dB SPL/watt (16 ohms, @1.50 meters)

15ND930 15" FROM ES1.5

MLSSA: Frequency Domain



-72.84 dB, 1909 Hz (43), 3.520 msec (33)

Measured Data

QC Limits

| Line | Parameter | Value | Units |
|------|------------|--------|-----------------------------|
| 1 | RMSE-free | 0.71 | Ohms |
| 2 | Fs | 42.21 | Hz |
| 3 | Re | 10.58 | Ohms[dc] |
| 4 | Res | 185.37 | Ohms |
| 5 | Qms | 8.19 | |
| 6 | Qes | 0.47 | |
| 7 | Qts | 0.44 | |
| 8 | L1 | 0.91 | mH |
| 9 | L2 | 2.34 | mH |
| 10 | R2 | 8.26 | Ohms |
| 11 | RMSE-load | 1.03 | Ohms |
| 12 | Vas(Sd) | 164.13 | liters |
| 13 | Mms | 94.53 | grams |
| 14 | Cms | 150 | $\mu\text{M}/\text{Newton}$ |
| 15 | B1 | 23.82 | Tesla-M |
| 16 | SPLref(Sd) | 96.0 | dB[Re] |
| 17 | Rub-index | 0.00 | |

Method: Mass-loaded (80.00 grams)

Area (Sd): 881.41 sq cm

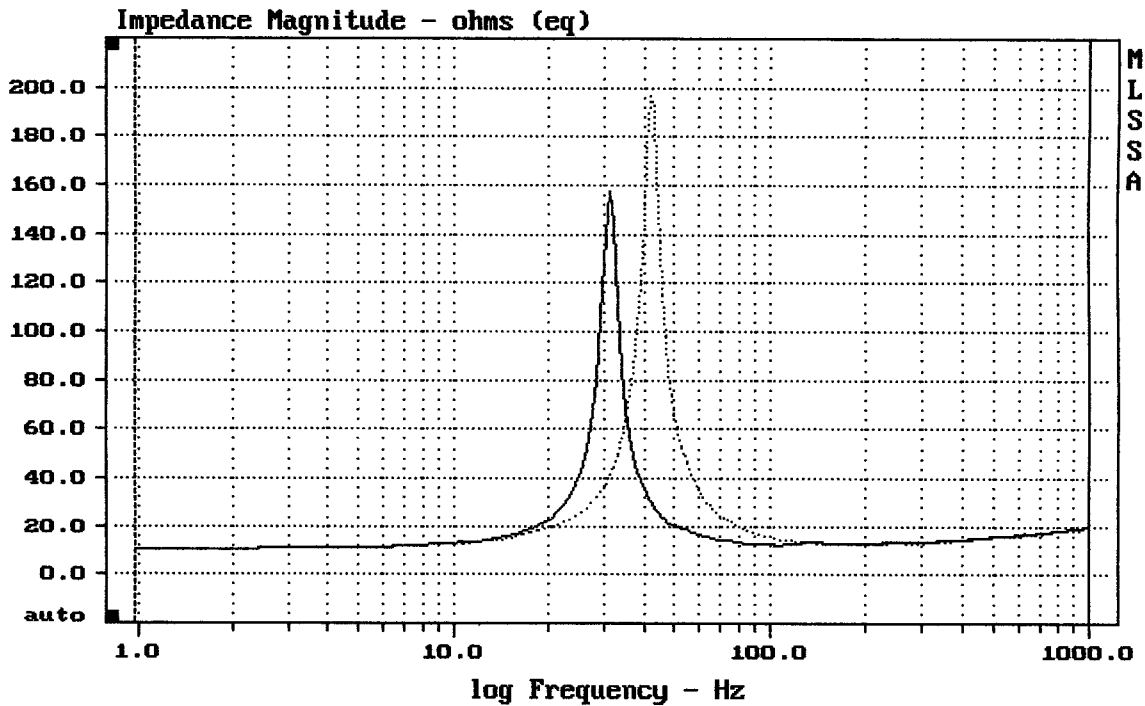
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -26.0% (-20% to -50% is recommended).

15ND930 15" FROM ES1.5

MLSSA: Parameters



mean: 18.04, rms: 23.15, std: 14.5, max: 196.6, min: 10.67

MLSSA: Frequency Domain