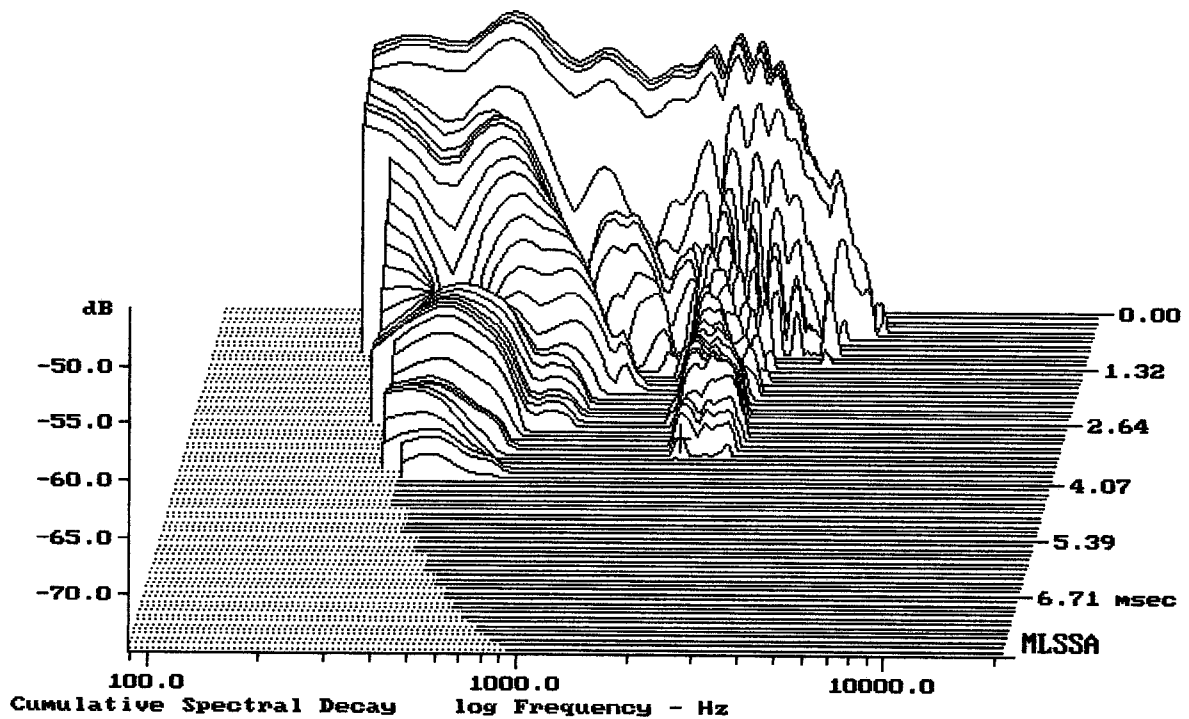


Level (100:3007 Hz) = 97.35 dB SPL/watt (8 ohms, @1.50 meters)

SOVEREIGN PRO 15-500

7-9-89 7:27 PM

MLSSA: Frequency Domain



-73.48 dB, 1953 Hz (44), 3.410 msec (32)

MLSSA SPO 4.0D #960903-3057-3075 for Jiri Komon

Measured Data

QC Limits

| Line | Parameter  | Value  | Units                       |
|------|------------|--------|-----------------------------|
| 1    | RMSE-free  | 0.49   | Ohms                        |
| 2    | Fs         | 36.84  | Hz                          |
| 3    | Re         | 5.66   | Ohms[dc]                    |
| 4    | Res        | 147.57 | Ohms                        |
| 5    | Qms        | 8.60   |                             |
| 6    | Qes        | 0.33   |                             |
| 7    | Qts        | 0.32   |                             |
| 8    | L1         | 1.07   | mH                          |
| 9    | L2         | 1.55   | mH                          |
| 10   | R2         | 5.26   | Ohms                        |
| 11   | RMSE-load  | 0.51   | Ohms                        |
| 12   | Vas(Sd)    | 244.24 | liters                      |
| 13   | Mms        | 78.51  | grams                       |
| 14   | Cms        | 238    | $\mu\text{M}/\text{Newton}$ |
| 15   | B1         | 17.66  | Tesla-M                     |
| 16   | SPLref(Sd) | 97.5   | dB[Re]                      |
| 17   | Rub-index  | 0.00   |                             |

Method: Mass-loaded (60.00 grams)

Area (Sd): 855.30 sq cm

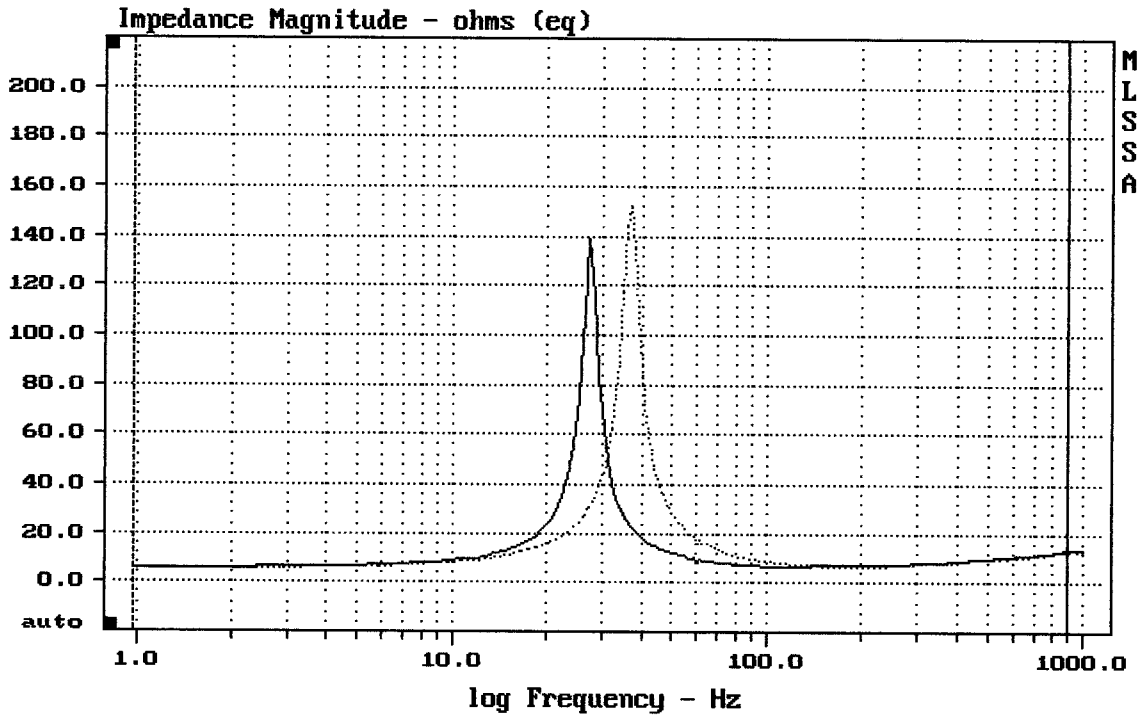
DCR mode: Measure (-0.13 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -25.7% (-20% to -50% is recommended).

SOVEREIGN PRO 15-500

MLSSA: Parameters



mean: 11.29, rms: 15.99, std: 11.32, max: 152, min: 5.846

7-8-89 2:23 AM

MLSSA: Frequency Domain