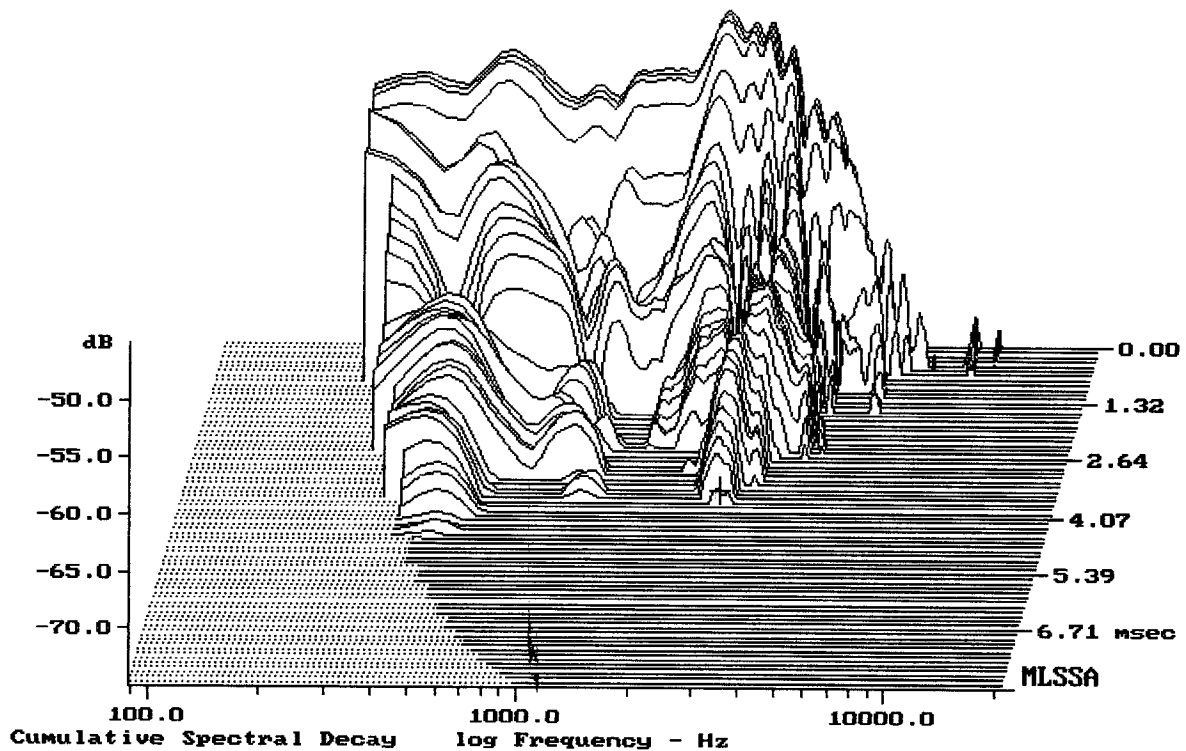


Level (100:4006 Hz) = 98.65 dB SPL/watt (8 ohms, @1.50 meters)

FANE SOVEREIGN 15-300

MLSSA: Frequency Domain



-73.94 dB, 2575 Hz (58), 3.740 msec (35)

Measured Data

QC Limits

| Line | Parameter  | Value  | Units          |
|------|------------|--------|----------------|
| 1    | RMSE-free  | 0.53   | Ohms           |
| 2    | Fs         | 47.08  | Hz             |
| 3    | Re         | 5.14   | Ohms[dc]       |
| 4    | Res        | 55.32  | Ohms           |
| 5    | Qms        | 5.95   |                |
| 6    | Qes        | 0.55   |                |
| 7    | Qts        | 0.51   |                |
| 8    | L1         | 0.80   | mH             |
| 9    | L2         | 1.21   | mH             |
| 10   | R2         | 4.79   | Ohms           |
| 11   | RMSE-load  | 0.50   | Ohms           |
| 12   | Vas(Sd)    | 174.11 | liters         |
| 13   | Mms        | 67.43  | grams          |
| 14   | Cms        | 169    | $\mu$ M/Newton |
| 15   | B1         | 13.62  | Tesla-M        |
| 16   | SPLref(Sd) | 97.0   | dB[Re]         |
| 17   | Rub-index  | 0.00   |                |

Method: Mass-loaded (80.00 grams)

Area (Sd): 855.30 sq cm

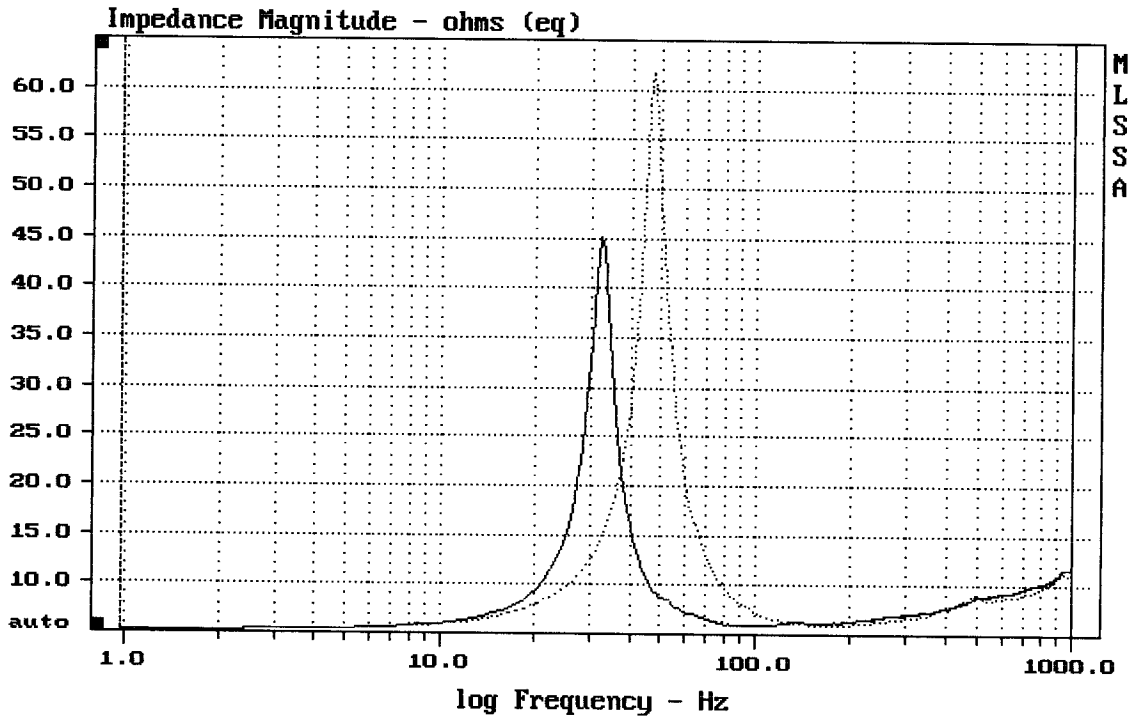
DCR mode: Measure (-0.07 ohms)

QC file: CLOSED

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

FANE SOVEREIGN 15-300

MLSSA: Parameters



mean: 9.261, rms: 10.59, std: 5.131, max: 61.75, min: 5.211

MLSSA: Frequency Domain