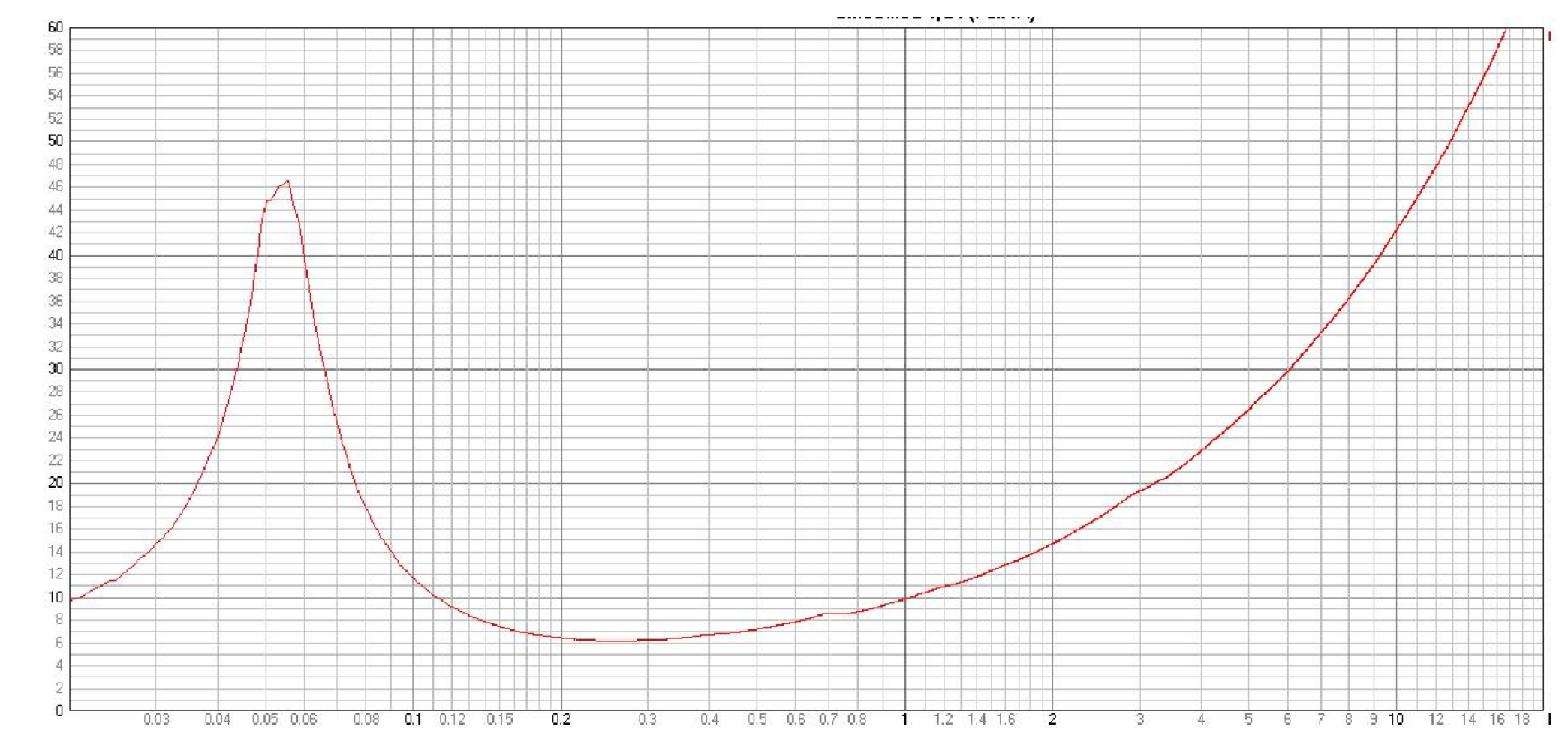


| REVISIONS | | | | | |
|-----------|-------------|----------|------|------|------|
| REV. | DESCRIPTION | ECO. NO. | DRFT | APPR | DATE |
| A | See Sheet1 | - | - | - | - |

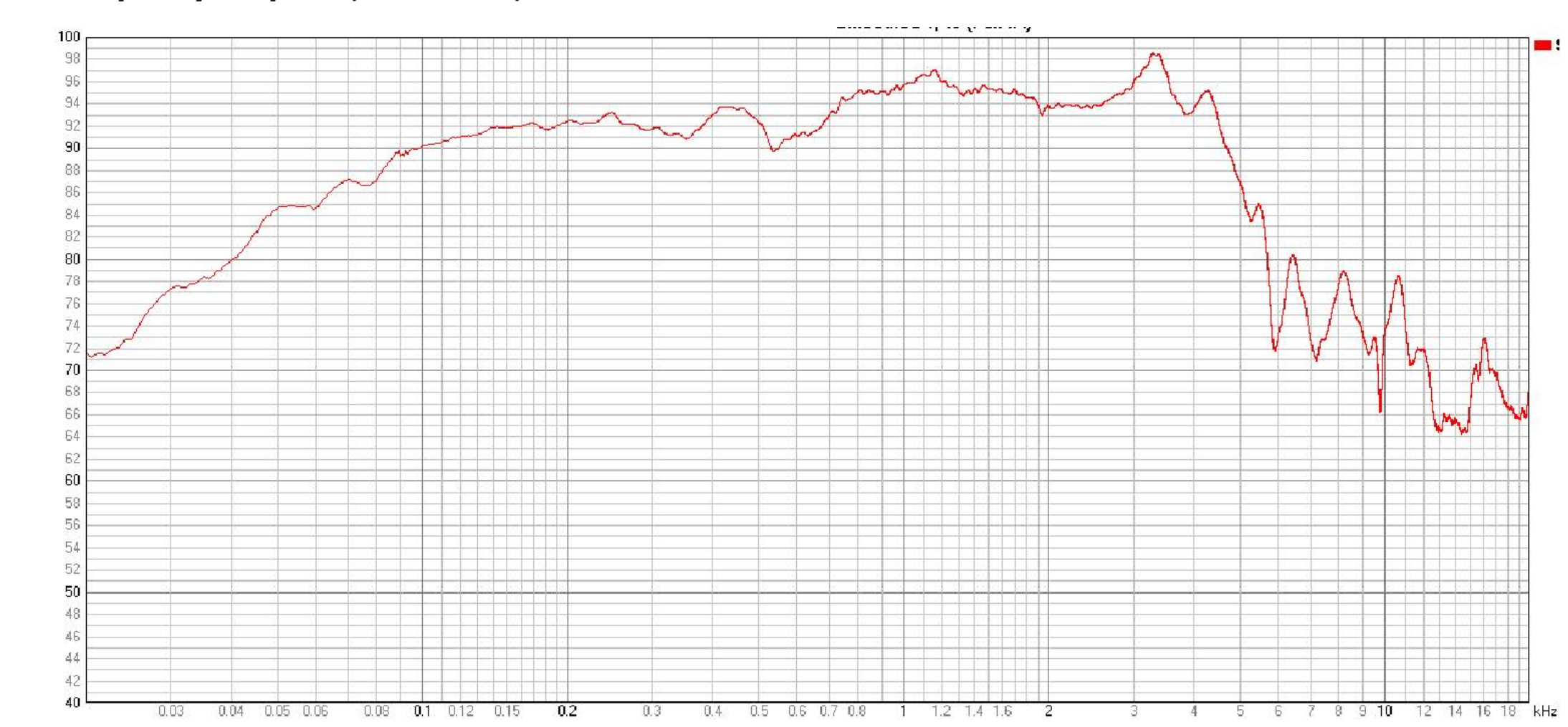
| Electro-Acoustic Parameters (small signal) | |
|--|-----------------------|
| Re | 5.54 Ohms +/- 5% |
| Le | 0.87 mH |
| Qms | 4.75 |
| Qes | 0.34 |
| Qts | 0.32 |
| Xmax | 3.01 mm |
| Bl | 10.31 Tm |
| Fs | 46.3 Hz +/- 10% |
| Mms | 22.7 g |
| Mmd | 20.9 g |
| Cms | 0.521 mm/N |
| Rms | 1.390 N*sec/m |
| Vas | 33.9 l |
| Sd | 214.1 cm ² |
| Vd | 64.4 cm ³ |
| Efficiency | 0.95% |
| Sensitivity (1 W @ 1 m) | 91.8 dB |

| Physical Parameters | |
|---------------------------------|--|
| Eminence Sample Number | 09-8-060 |
| Eminence Model Number | 820F3031 |
| Coil Diameter | 50 mm (2 in) |
| Gap Height | 8 mm (0.313 in) |
| Magnet Weight | 0.85 kg (30 oz.) |
| Coil Winding Width | 14mm (0.55 in) |
| Polarity | A positive voltage applied to the positive terminal shall cause movement of the cone away from the magnet structure. |
| Rub and Buzz | No rubs, buzzes or supurious noises with 4 Vrms applied at any frequency from 50 Hz - 20 kHz. |
| Thermal Power Handling (ref) | 200 W continuous for 8 hours without mechanical failure or burnout, per AES2-1984 pink noise test, free air. |
| Mechanical Power Handling (ref) | 60Vpk for 100 hours without mechanical failure or burnout, per EV woofer burst sweep power test, 45 Hz - 180 Hz passband, in ZX1i enclosure |
| Structural Performance (ref) | The woofer must not have any rubs or buzzes after 6 drops at .6 m (24 in) (3 drops in one direction and 3 drops rotated 45°), and no components of the woofer assembly must crack or fall off, per EV woofer drop test procedure. |

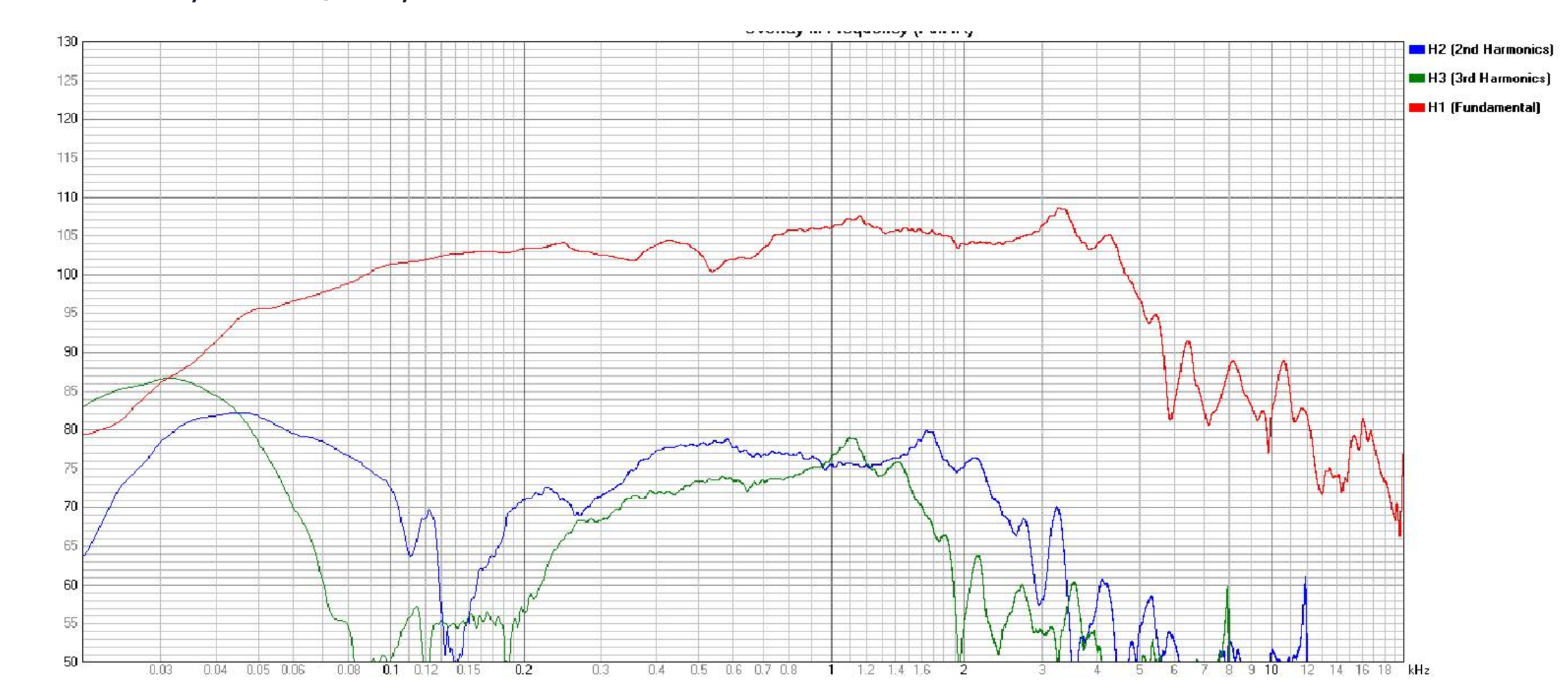
Impedance, Free Air



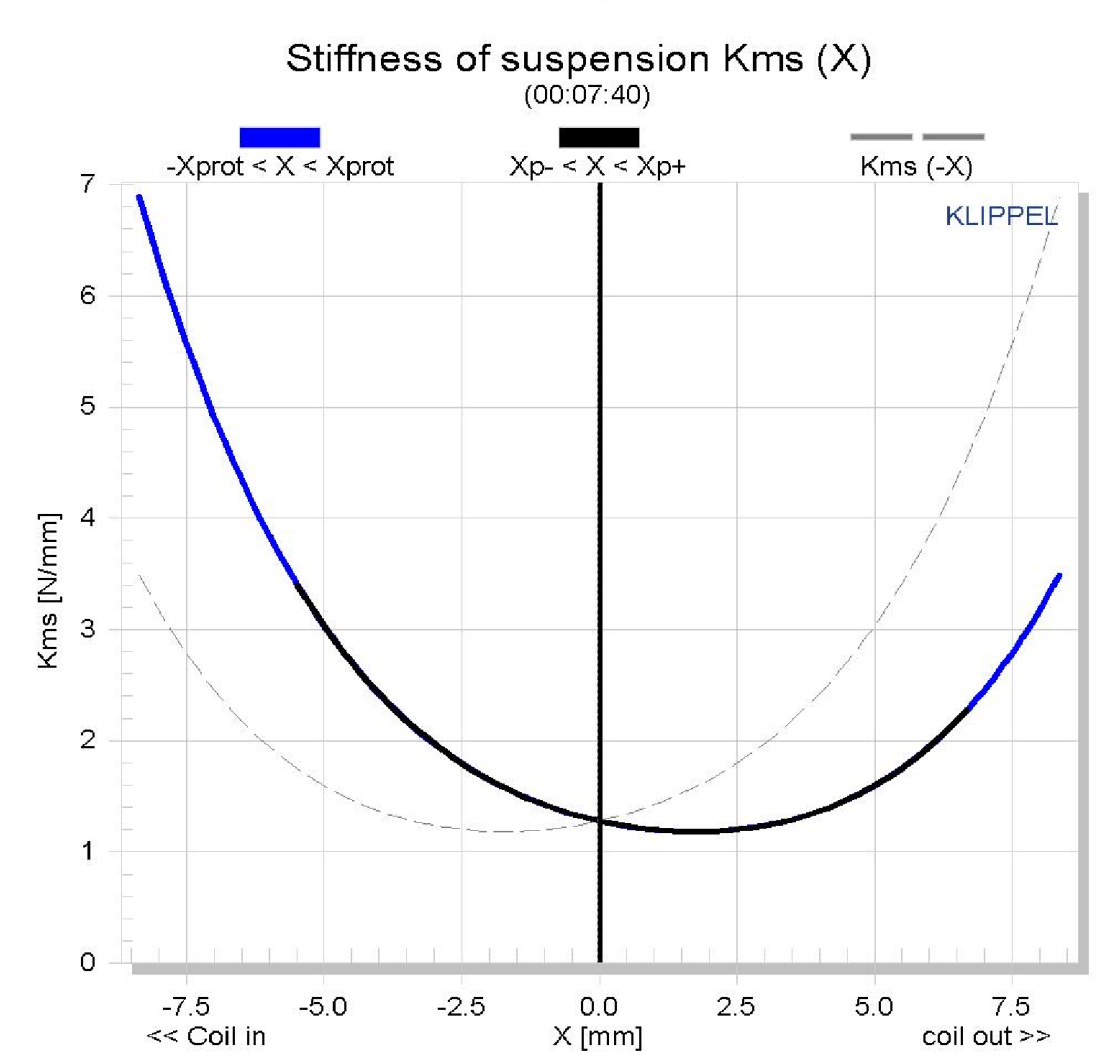
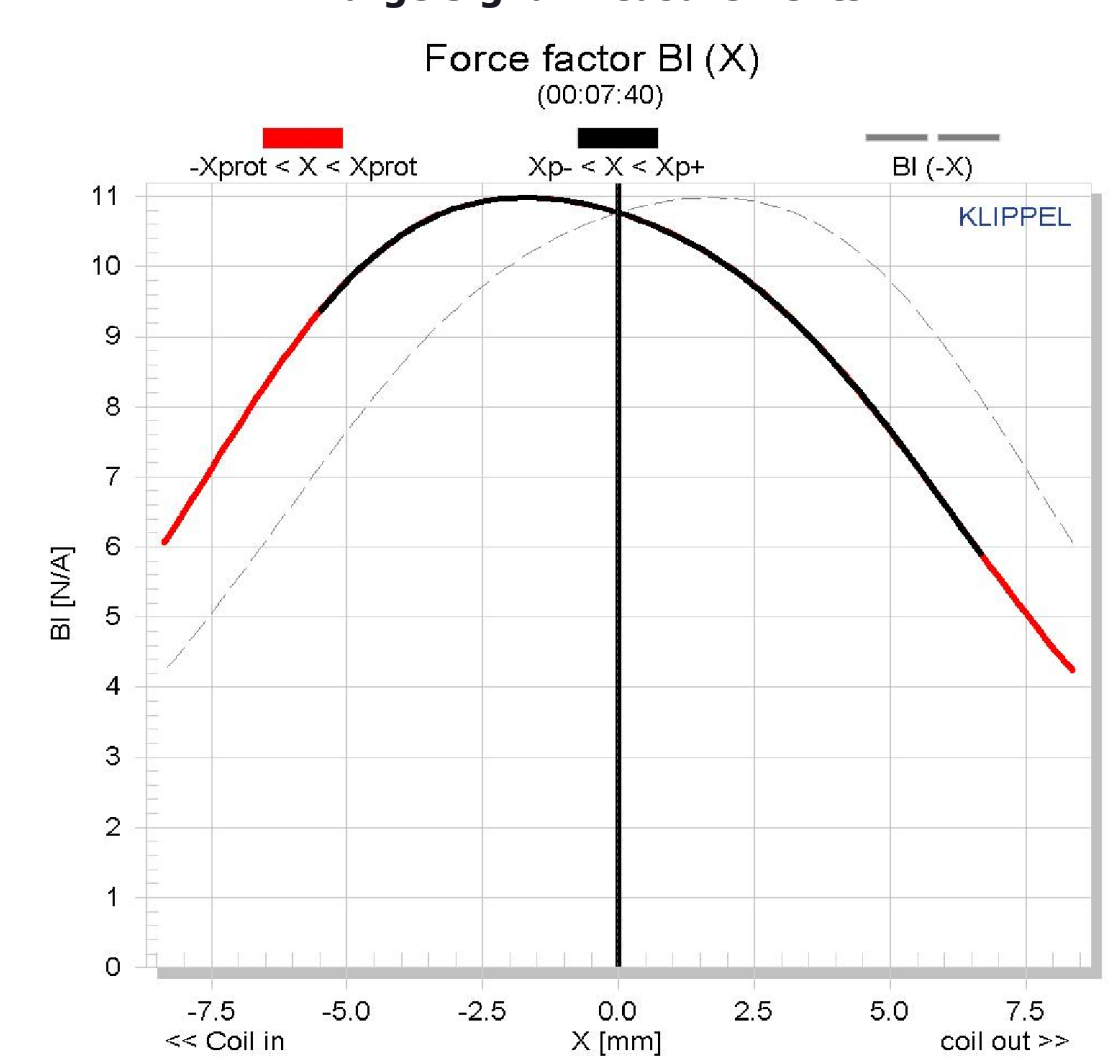
Frequency Response, 4V @ 10 ft, IEC 12 ft^3 Enclosure



Distortion, 14.75V @ 10ft, IEC 12 ft^3 Enclosure



Large Signal Measurements



| | | | | | | | |
|---|---|-------------|---------------|-------------|---------------|--|---|
| <p>PROJECTION, ORTHOGRAPHIC (GENERAL) — A SYSTEM OF DRAWING AN IMAGES OF AN OBJECT FORMED BY PROJECTING VIEWS AT RIGHT ANGLE FROM ANOTHER VIEW. THIS IS CALLED THIRD ANGLE PROJECTION IN THE U.S. WHERE THE TOP VIEW IS DRAWN ABOVE OF THE PLAN VIEW. THE REST OF THE WORLD USES FIRST ANGLE PROJECTION WHERE THE TOP VIEW IS DRAWN ON THE BOTTOM OF THE PLAN VIEW. THE SYMBOLS FOR FIRST ANGLE AND THIRD ANGLE PROJECTION ARE DRAWN NEXT TO THE TITLE BLOCK.</p> | <p>UNSPECIFIED LIMITS OF TOLERANCE</p> <table border="1"> <tr> <td>DECIMAL</td> <td>X ±.1 IN.</td> </tr> <tr> <td>XX ±.01 IN.</td> <td>XXX ±.005 IN.</td> </tr> </table> <p>MACHINED FINISH: 64</p> <p>THREADS— EXT. CLASS 2A INT. CLASS 2B MOLD FINISH: SPI—SPE NO. 3 DRAFT 2'</p> | DECIMAL | X ±.1 IN. | XX ±.01 IN. | XXX ±.005 IN. | <p>DR JC DATE 12-17-09</p> <p>CK XXX APP XXX PRD XXX</p> <p>WEIGHT: SCALE: 1:1</p> <p>DO NOT SCALE DRAWING</p> | <p>TITLE SUBASSY, WOOFER, EV8L, 8-IN, 8 OHM, WEATHERIZED</p> <p>SIZE DWG. NO. ASY000971</p> <p>D SHEET 2 OF 2</p> <p>PLANT DIST. XX</p> |
| | | DECIMAL | X ±.1 IN. | | | | |
| | | XX ±.01 IN. | XXX ±.005 IN. | | | | |
| <p>TELEX COMMUNICATIONS BURNSVILLE, MINNESOTA</p> | | | | | | | |
| <p>FORM NUMBER 0132 REV 3</p> | | | | | | | |