

JBL

ENGINEERING STANDARD

DATE EFFECTIVE

NUMBER

ENG. DESIGN SPEC.DATE REVISED
APRIL 23, 19901540
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MODEL NO. 2206 H
305 mm Low Frequency Transducer
(265mm Effective Piston)

Frequency Response:

See attached curve, page 3 & 4

Impedance:

See attached curve, page 3

D. C. Resistance:

5.0 ohms

Flux Density:225,000 Maxwells in top plate thickness
of .320**Free Air Resonance:**

52 Hz

Motional Impedance:

40 ohms

Minimum Impedance:

6.0 ohms @ 200 Hz

Polarity:Positive voltage to black terminal
gives forward diaphragm motion.**Power Test:**60 V RMS 60 Hz to 600 Hz Pink noise
6 dB Crest factor 2 hr Duration**Weight**

18 lbs

Design Engineer

C
H
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N
G
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APR 23, 1990
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2 of 4MODEL NO. ²²⁰⁶ 2600 H

Thiele - Small Parameters (After power test)

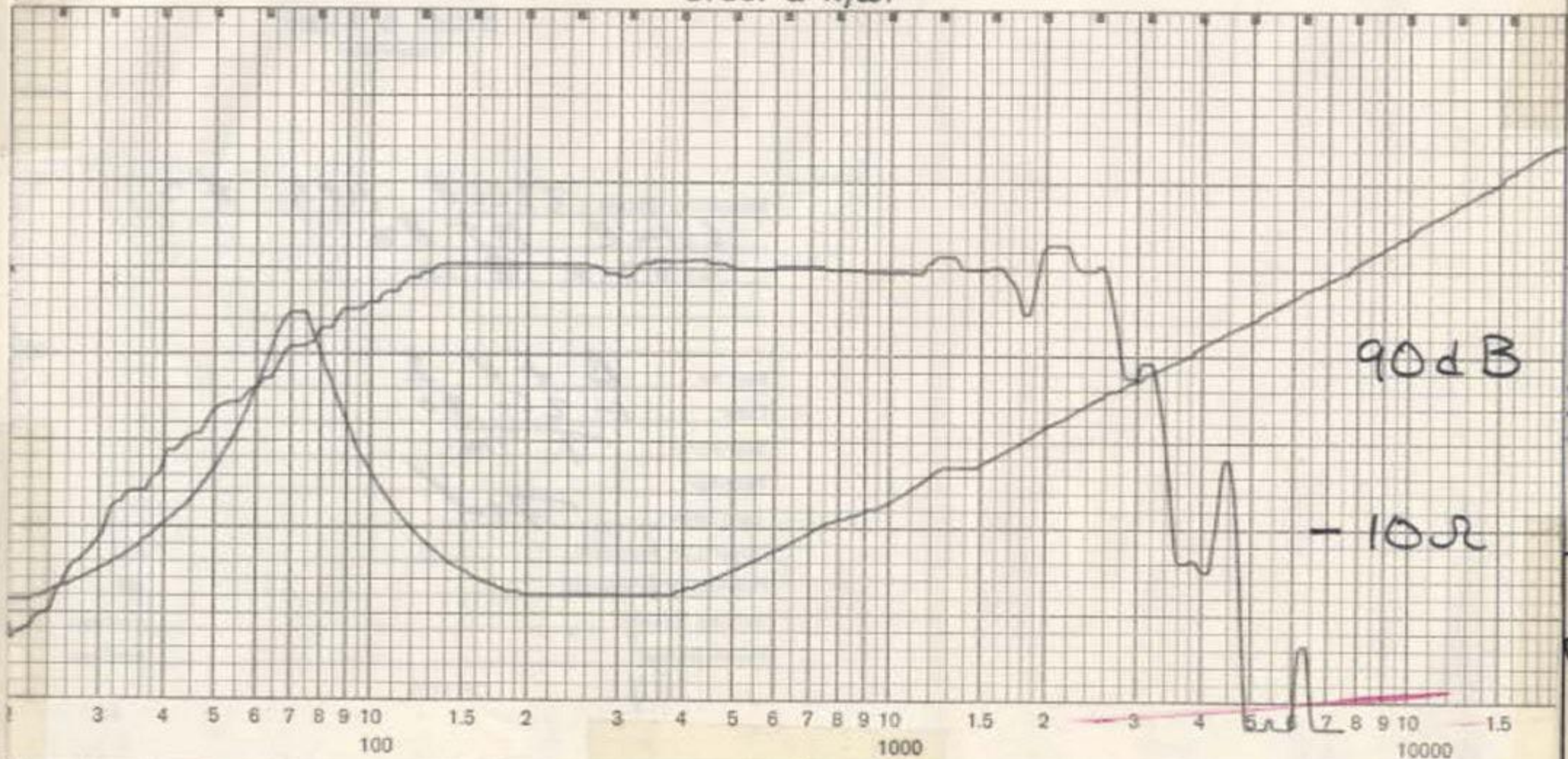
$R_t = 5.0$
 $F_s = 52 \text{ Hz}$
 $Q_{TS} = .318$
 $Q_{MS} = 4.47$
 $Q_{ES} = .342$
 $V_{AS} = 2.19 \text{ cu. ft.}$
 $N_0 = 2.47\%$
 $S_D = .055\text{m}^2$
 $M_{MS} = .065 \text{ Kg}$
 $B_l = 1 \text{ \&l T.m}$
 $L_t = 1.50 \text{ mH}$
 $X_{MAX} = 7.6 \text{ mm}$

2206 H
2.83V / 1 meter 10 Cu.ft. 1/2 space (1 watt)

Impedance

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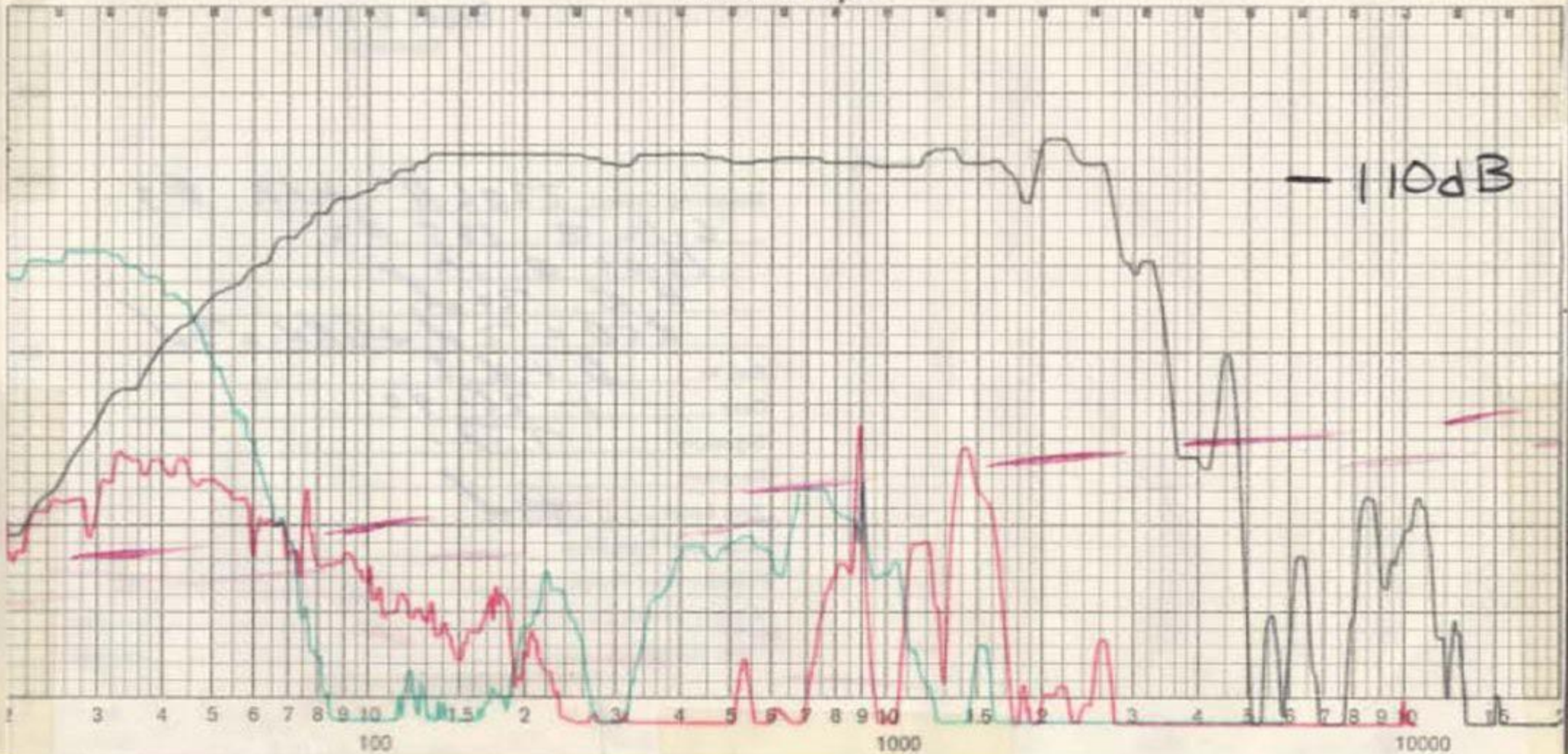
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2206H
 19V / 1meter 10cu.ft. 1/2 space (60watts)
 Distortion raised 20dB
 Red 2nd Harmonic
 Green 3rd Harmonic

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