JBL Professional	Engineering Design Specification Model: 252F From EPR #1 Unit # 5		Date Effective 11/5/97	Number 1739	
Design Engineering				Page 1 of 4	
			6		
Frequency Response:	See Attached	curves, page 3			
Impedance:	See attached curve, page 3				
Harmonic Distortion:	See attached of	curve, page 4			
Theile- Small Parameters:	See Page 2				
Voice Coil:		26 Ga. Round C (DCD Geom), 1			
Magnet Flux:	99,000 260,000		3" thk top plate (X2 for reepted by voice coil	both gaps)	

29

Ohms @

gives forward diaphram motion.

lbs

24 Hz"

Minimum Impedance: 1.6 Ohms @ 200 Hz

Polarity: Positive voltage to WIDE terminal

Power Test: Hz pink noise 6 dB Crest factor In free air 40-400 15.3 VTRMS (150 watts @ 1.6 ohms) for 300 hrs

Weight: 7.2

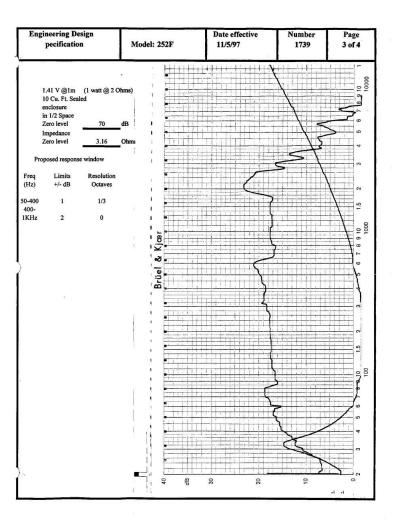
Motional Impedance:

REVISIONS

RE 1510115							
LTR	DESCRIPTION	DATE	APPR				
A	INITIAL RELEASE AT 150 W. Goal is 220 watts	11/5/97	REH				

Design Engineer Ralph Hyde

Engineering Design pecification		Model: 252F	Date effective 11/5/97	Number 1739	Page 2 of 4				
Theile - Small Parameters									
В	efore power to	est After power te	est						
Re:	1.38	See B.P.T.	Ohms						
Fs:	24		Hertz						
Qts:	0.29								
Qms:	6.7								
Qes:	0.3								
Vas:	171		Liters						
Ref Eff:	0.75%	See B.P.T.		w					
Sd:	0.053	See B.P.T.	Sq Meters						
Mms: ,	103	See B.P.T.	Gms						
BL:	8.4	See B.P.T.	T*M						
Le @ 1KHz	: 0.35	See B.P.T.	mH						
Xmax: 10% THD	7	See B.P.T.	mm						



Engineering Design Date effective Number Page Model: 252F pecification 11/5/97 1739 4 of 4 5.9 V @1 m (22 Watts @ 1.6 ohms) 10 Cu. Ft. Sealed Enclosure in 1/2 space Zero Level dB Distortion raised 20dB Red =2nd Harmonic Blue =3rd Harmonic 08 9