JBL	Engineering Standard	Date Effective	Number
		5/16/2001	990059
	Engineering Design Specification	Date Revised	Rev Number
		4/1/2004	C

K2.S9800DG, MG, WG & K2.S9800SE-BG, -WG

Acoustical and Electrical Specifications

System:		
	Sensitivity:	95 dB for 2.83V @ 1M
	Rated Impedance:	8 ohm
	Minimum Impedance:	5.7 Ohm @ 100 Hz, 3.0 Ohms @ 38 kHz
	Impedance Curve:	See Page 5
	Frequency Response (-6 dB):	50 Hz to 50 kHz (Anechoic)
	f3 (-3 dB):	60 Hz
	Sound Power:	See Page 9
	Harmonic Distortion, 96dB:	See Page 6
	Power Compression:	Less than 0.5 dB @ 100dB SPL
	Crossover Frequencies:	800 Hz, 10 kHz
	System Polarity:	E.I.A.

System Component Specifications

Driver(s)		***Size***	***Supplier***	***Model #***
	Bass Transducer:	15"	JBL Pro	1500AL
	Mid Frequency Transducer:	3"	JBL Pro	435Be
	High Frequency Transducer:	1"	JBL Pro	045Be
Network:				
	Voltage Drive:	See Page 7, 8		
	Schematic:	See Page 10		
Amplifier:		N/A		

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System Physical Specifications

may be superceded by information on the drawings

Cabinet:		
	HWD, inches	51" H X 20" W X 14.75" D, Plus spike feet
	Enclosure Volume	4.0 Cubic Feet
	Material	MDF
	Panel Thickness	1"
	Finish	S5500 Gray Satin & Dark Metallic Gray, High Gloss
	Sub Enclosure	None
	Bracing	1" Picture Frame, 2 places
	Grille	Punched metal frame, S5500 gray grille cloth
	Grille Cup	4, molded rubber
	Port	2 rear firing, 2.75 dimeter, 30 Hz tuning
	Lining	1" Fiberglass lining both enclosure sections
	Terminals	Metal, 5-Way Binding Posts, Gold Plated
	Network Controls	Bi-Amp Switch, 3 Position HF Level Switch, 3 Position Damping Switch
	Badging	Polished gold JBL Logo
	Foilcals	None
	Feet	Spike feet and blunt tip feet
	Weight	200 lb
	Accessories	Trim baffle, Black High Gloss & variety of veneer finishes

Engineering Test Specification	Date Effective	Number	Rev Number
	5/16/2001	990059	C

K2.S9800DG, MG, WG & K2.S9800SE-BG, -WG

System Test Specifications

production testing quantities per JBL QA AQL

System:

		Window	Averaging	Slope
Frequency Response:		+/- 1.5 dB, 50 Hz to 6 kHz	1/3 Octave	36dB/Octave
		+/- 2.0 dB, 6 kHz to 12 kHz	1 Octave	36dB/Octave
		+/- 2.5 dB, 12 kHz to 20kHz	1 Octave	36dB/Octave
		Microphone Position:	On HF @ 1 meter.	
Dynamic Test:		*Sine Sweep Voltage:*	**6 V**	
		Frequency Range:	**20 Hz to 20000 Hz**	
		Sweep Duration:	**5 seconds**	
Power Test:		*Input Signal:*	**20 V, IEC Shaped Noise**	
		Duration:	**8 + 92 Hours**	
		Control Settings:	N/A	
Polarity Test:		EIA for LF and UHF, Reverse for HF		
Environmental Test:		HCG/JBL Spec #		
Transit Test:		A.S.T.M.	**DC-3**	
Visual Criteria:		HCG/JBL QA Spec #		

Network:

		Window	Averaging	Slope
Voltage Drive:	*LF, 8 Ohm*	+/- 0.5 dB, 20 Hz to 200 Hz	1/6 Octave	36dB/Octave
		+/- 0.7 dB, 200 Hz to 800 Hz	1/6 Octave	36dB/Octave
		+/- 1.0 dB, 800 Hz to 1600 Hz	1/6 Octave	36dB/Octave
		+/- 1.5 dB, 1600 Hz to 8000 Hz	1/3 Octave	36dB/Octave
	HF, 8 Ohm	+/- 1.5 dB, 100 Hz to 400 Hz	1/3 Octave	36dB/Octave
		+/- 1.0 dB, 400 Hz to 800 Hz	1/6 Octave	36dB/Octave
		+/- 0.5 dB, 800 Hz to 6000 Hz	1/6 Octave	36dB/Octave
		+/- 1.0 dB, 6000Hz to 12000 Hz	1/6 Octave	36dB/Octave
		+/- 1.5 dB, 12000 Hz to 20000 Hz	1/6 Octave	36dB/Octave
	UHF, 8 Ohm	+/- 1.2 dB, 4000 Hz to 12000 Hz	1/6 Octave	36dB/Octave
		+/- 0.7 dB, 12000 Hz to 40000 Hz	1/6 Octave	36dB/Octave

Engineering Standard Frequency Response	Date Effective	Number	Rev Number
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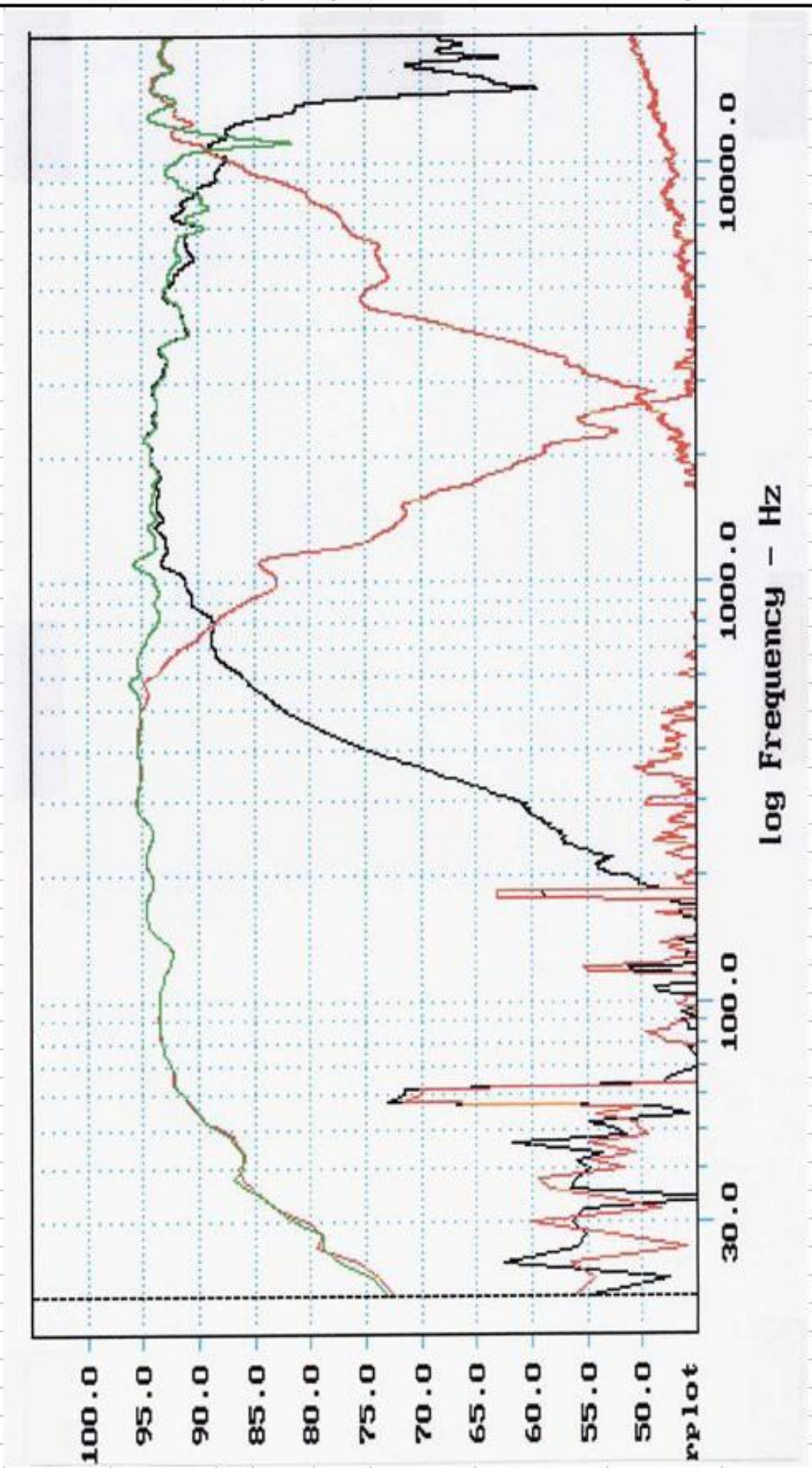
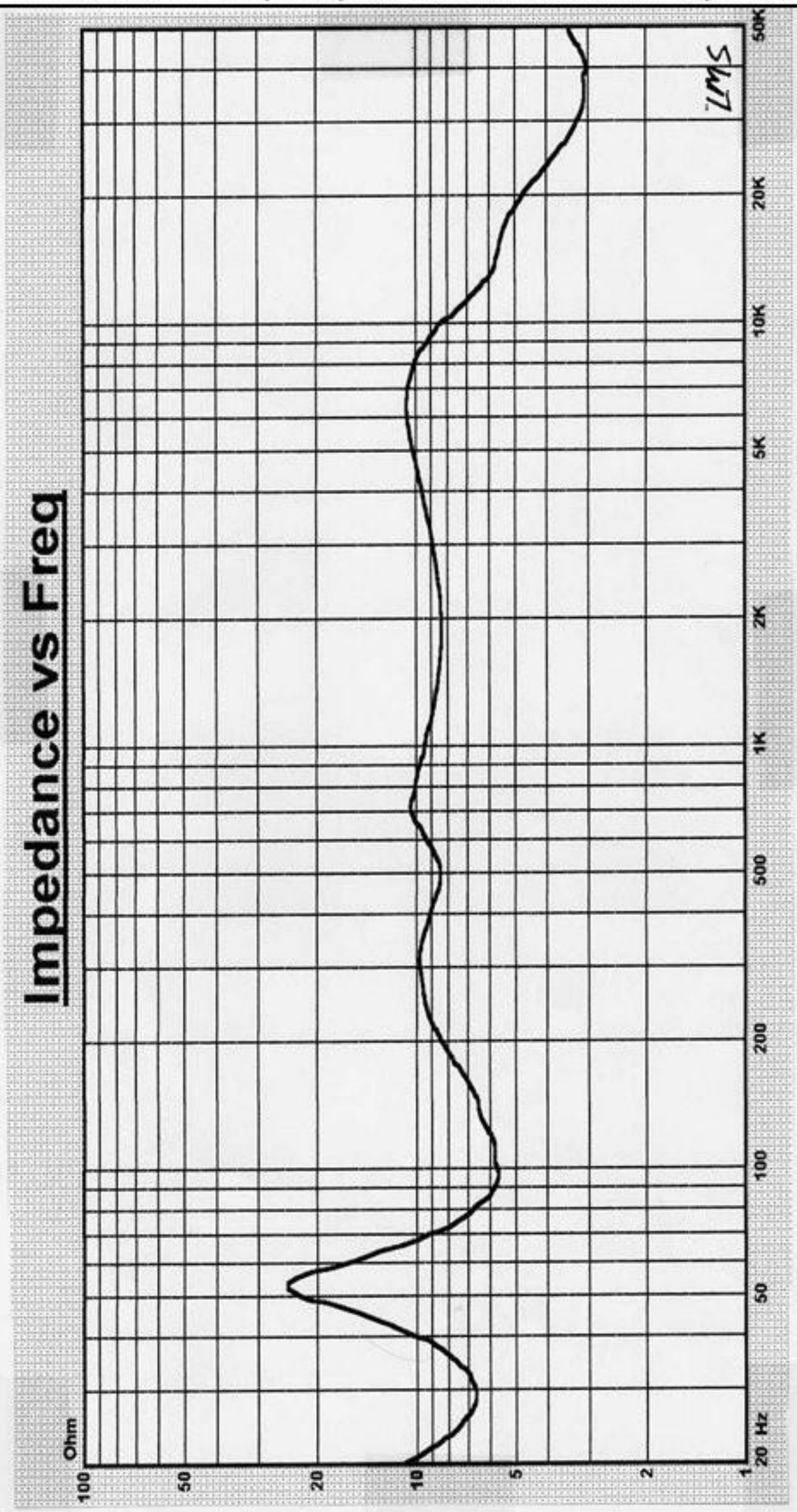
K2.S9800DG, MG, WG & K2.S9800SE-BG, -WG



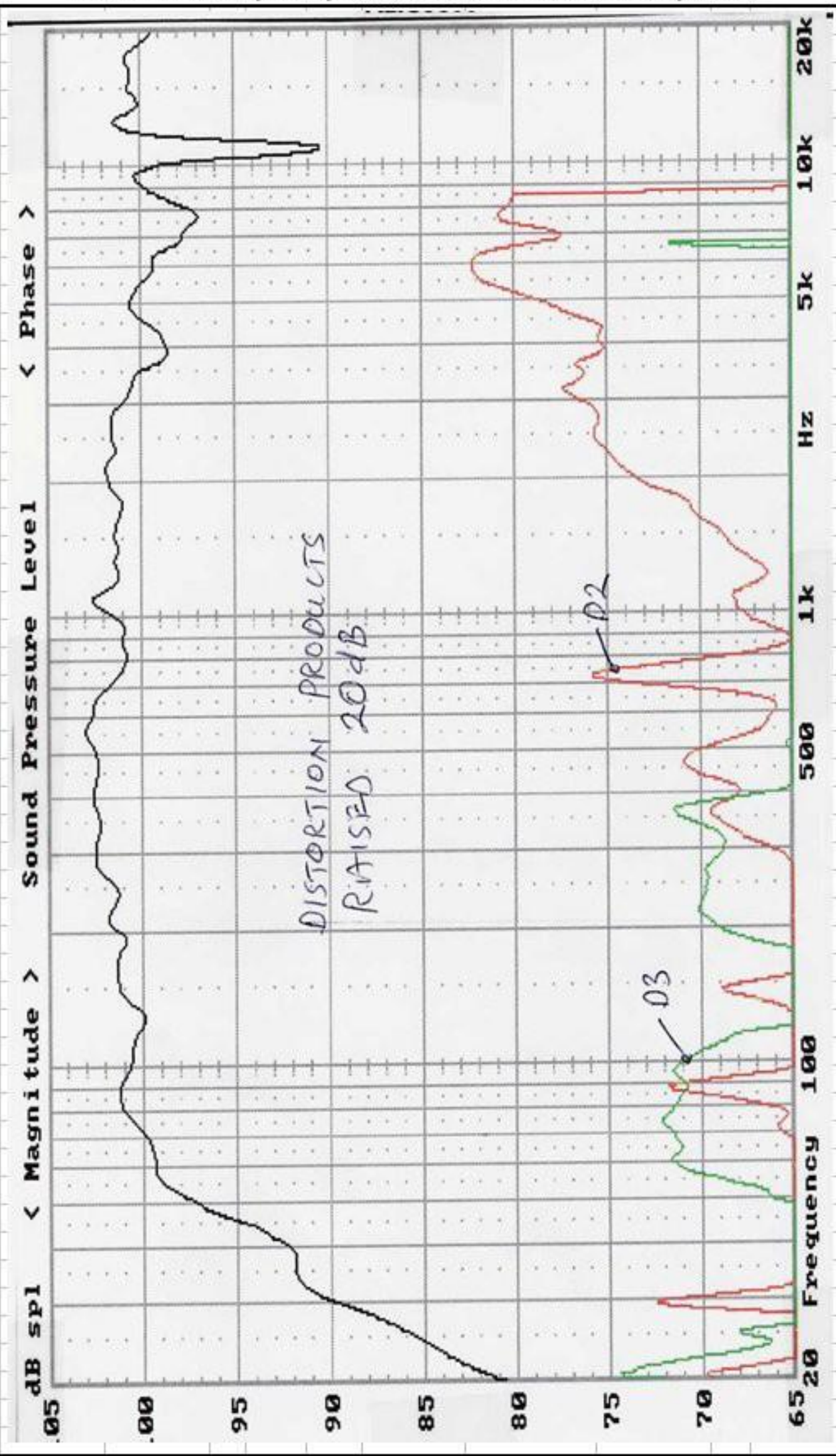
Engineering Standard Impedance	Date Effective	Number	Rev Number
	5/16/2001	990059	C

K2.S9800DG, MG, WG & K2.S9800SE-BG, -WG



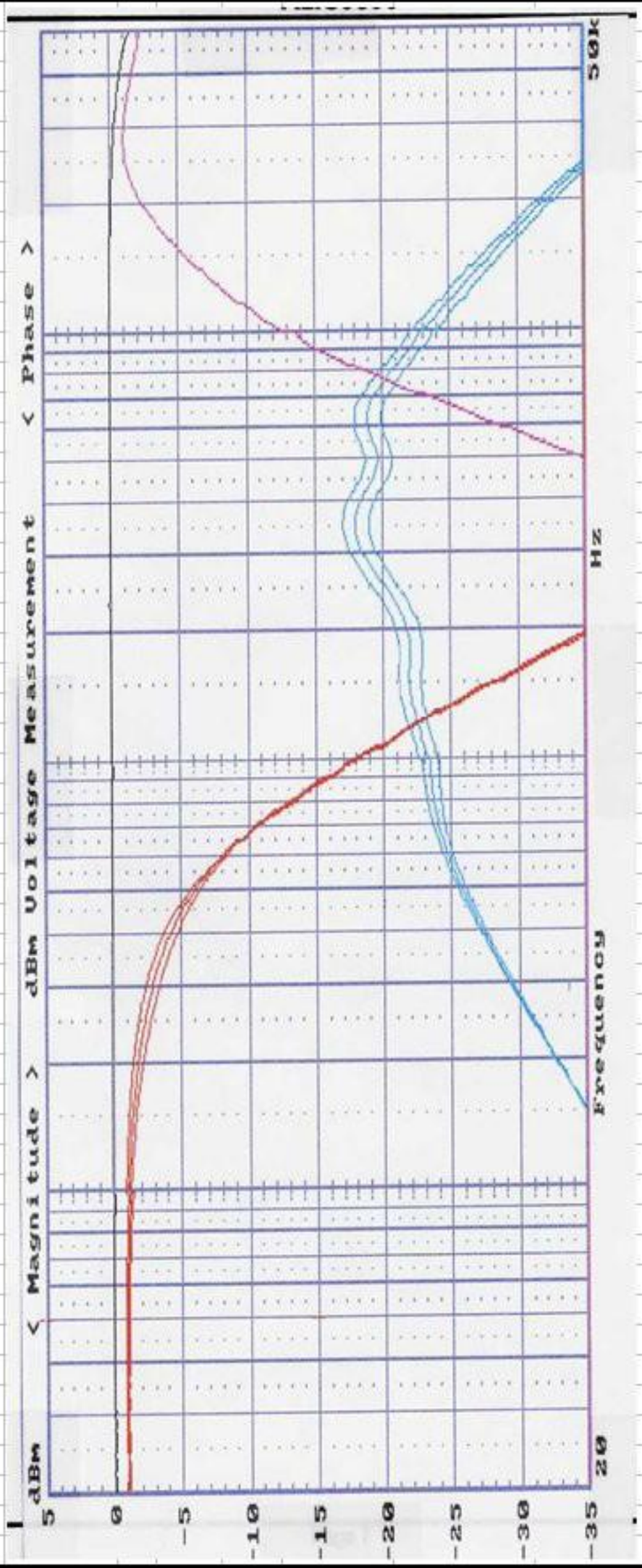
Engineering Standard Distortion	Date Effective	Number	Rev Number
	5/16/2001	990059	C

K2.S9800DG, MG, WG & K2.S9800SE-BG, -WG



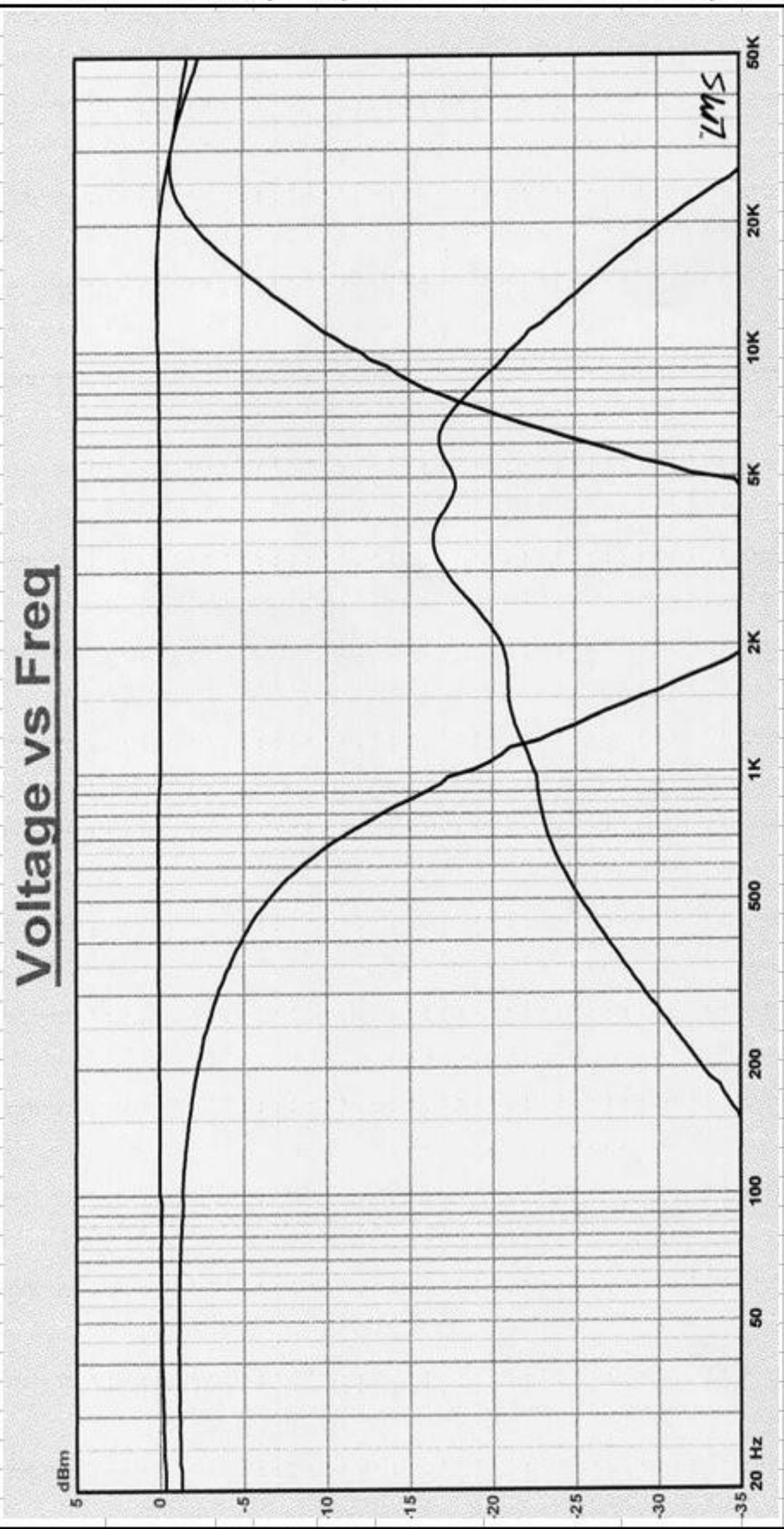
Engineering Standard Network Voltage Drive	Date Effective	Number	Rev Number
	5/16/2001	990059	C

K2.S9800DG, MG, WG & K2.S9800SE-BG, -WG



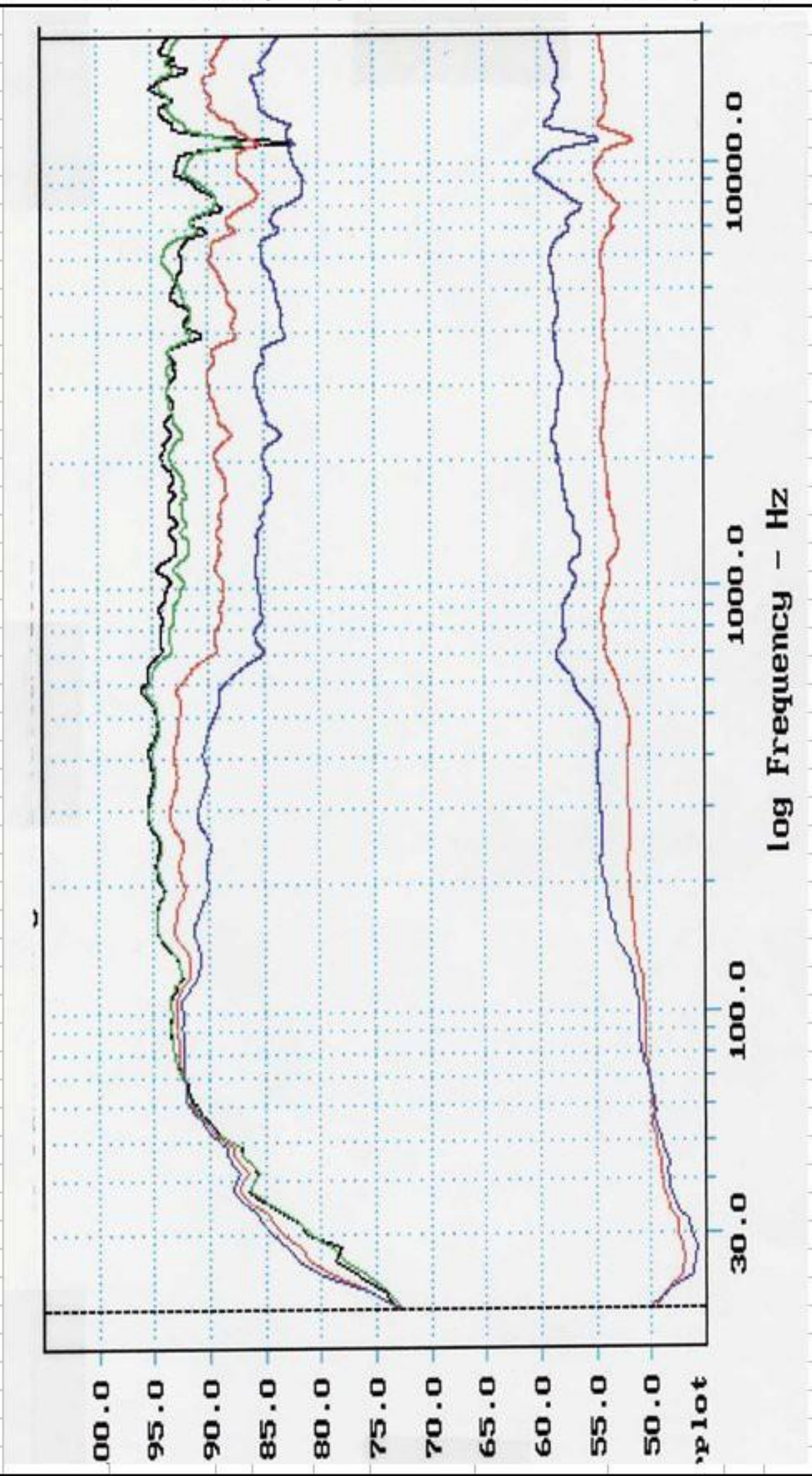
Engineering Standard Network Voltage Drive	Date Effective	Number	Rev Number
	5/16/2001	990059	C

K2.S9800DG, MG, WG & K2.S9800SE-BG, -WG



Engineering Standard Sound Power	Date Effective	Number	Rev Number
	5/16/2001	990059	C

K2.S9800DG, MG, WG & K2.S9800SE-BG, -WG



Engineering Standard Crossover Schematic	Date Effective	Number	Rev Number
	5/16/2001	990059	C

K2.S9800DG, MG, WG & K2.S9800SE-BG, -WG