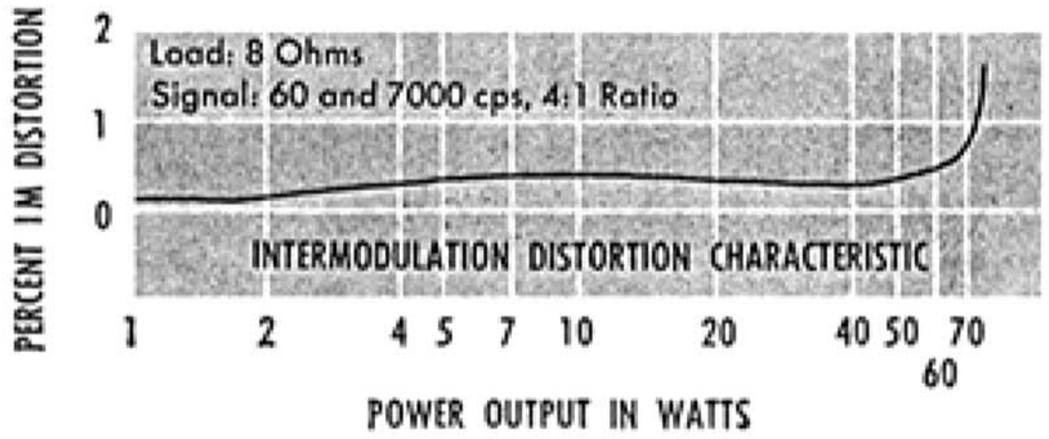
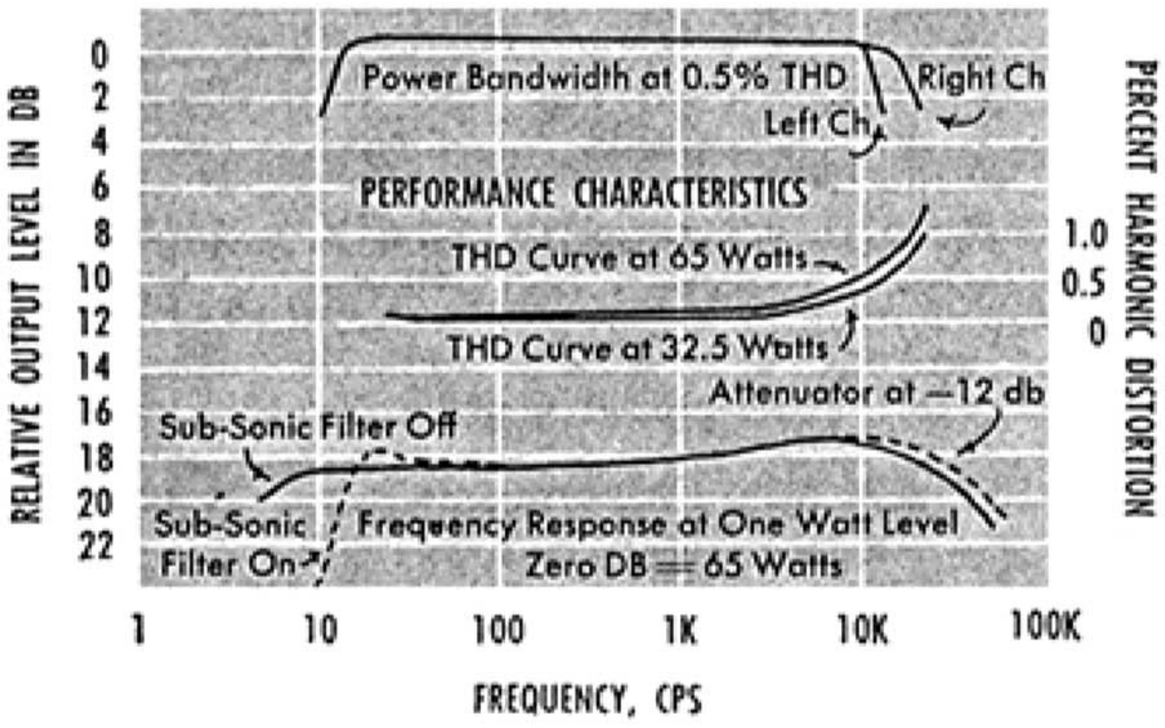
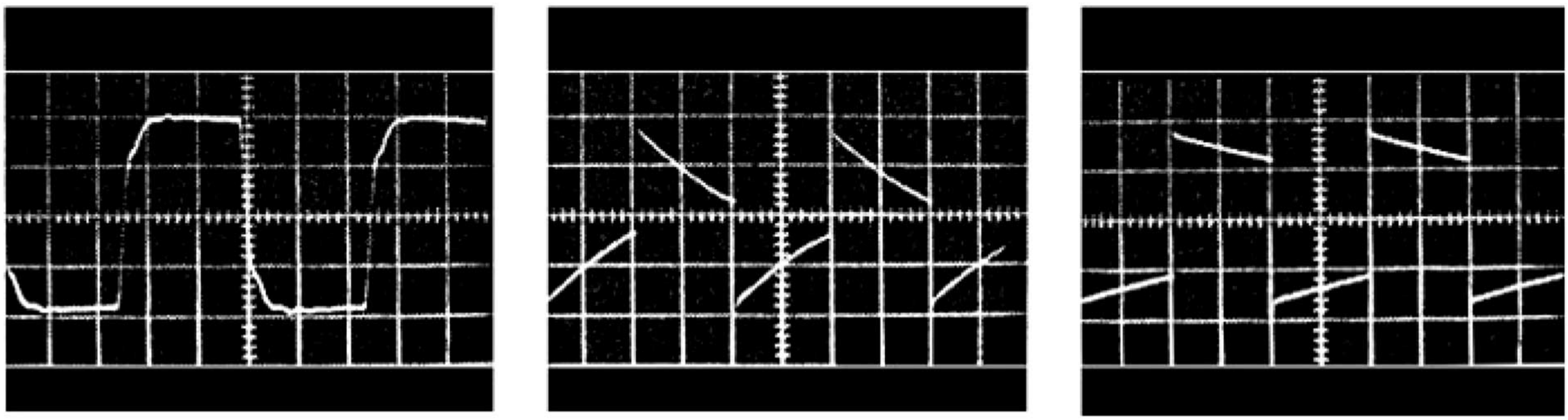
Lab Test Data

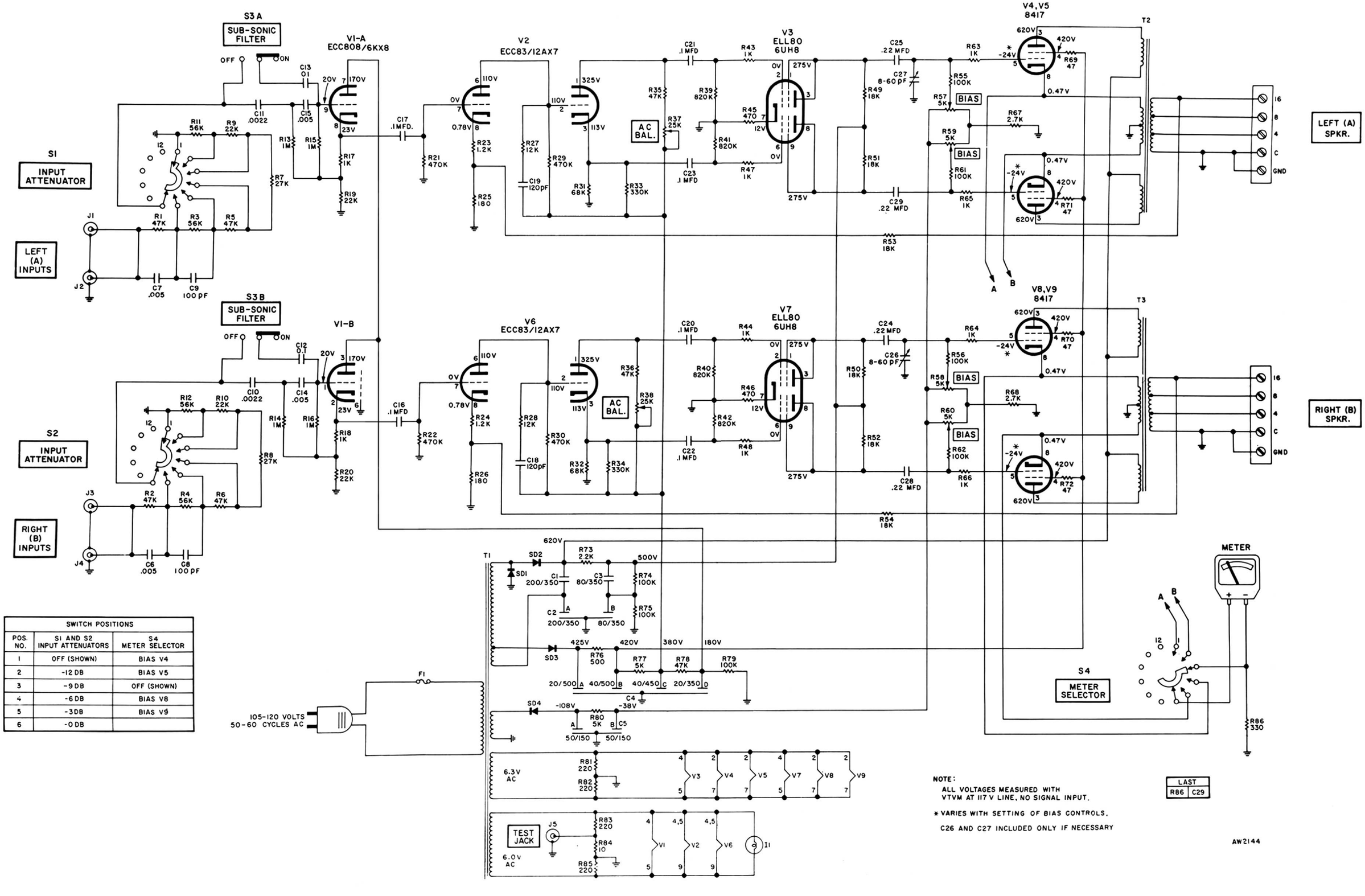
Performance characteristic	Measurement
Power output (at 1 kc into 8-ohm load)	
Channels individually:	
Left at clipping	65.5 watts @ 0.15% THD
Left at 0.5% THD	75 watts
Right at clipping	65.5 watts @ 0.18% THD
Right at 0.5% THD	75 watts
Both chs simultaneously:	
Left at clipping	57.7 watts @ 0.11% THD
Right at clipping	57.7 watts @ 0.11% THD
Power bandwidth, constant 0.5% THD	l ch: 10 cps to 13 kc r ch: 10 cps to 20 kc
Harmonic distortion	
65 watts output	under 0.3%, 20 cps to 4 kc; 1.3% at 20 kc
32.5 watts output	under 0.3%, 20 cps to 7 kc; 1% at 20 kc
IM distortion	under 0.5% up to 60 watts; 0.6% at 65 watts
Frequency response, 1-watt output	filter off: ±1 db, 7 cps to 30 kc; –3 db at 52 kc filter on: –1 db at 14 cps; –9 db at 8 cps
Damping factor (8-ohm output)	13.3
Sensitivity, various attenuator positions, volts, and relative corresponding db values	0 db 0.5 volt (0 db) –3 db 0.68 volts (–1.6 db) –6 db 0.99 volts (–5.8 db) –9 db 1.35 volts (–7.6 db) –12 db 1.86 volts (–11.4 db)
S/N ratio, at clipping	85 db







Square-wave response to 10 kc, left, and to 50 cps with subsonic filter on and off.



SWITCH POSITIONS		
POS. NO.	S1 AND S2 INPUT ATTENUATORS	S4 METER SELECTOR
1	OFF (SHOWN)	BIAS V4
2	-12 DB	BIAS V5
3	-9 DB	OFF (SHOWN)
4	-6 DB	BIAS V8
5	-3 DB	BIAS V9
6	-0 DB	

NOTE:
ALL VOLTAGES MEASURED WITH VTVM AT 117 V LINE, NO SIGNAL INPUT.

* VARIES WITH SETTING OF BIAS CONTROLS.

C26 AND C27 INCLUDED ONLY IF NECESSARY

LAST	
R86	C29

AW2144