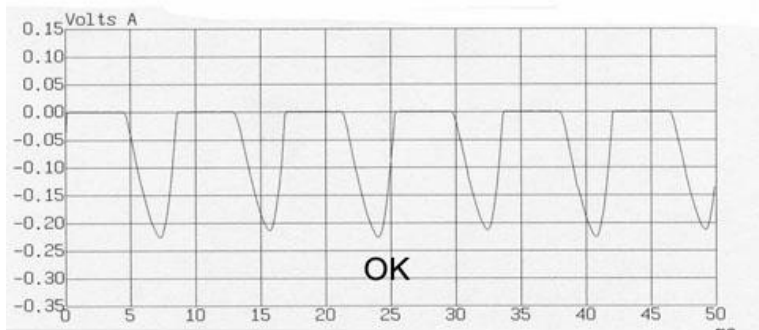
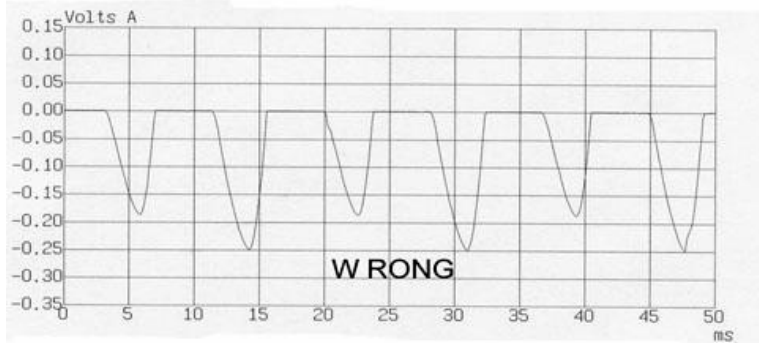
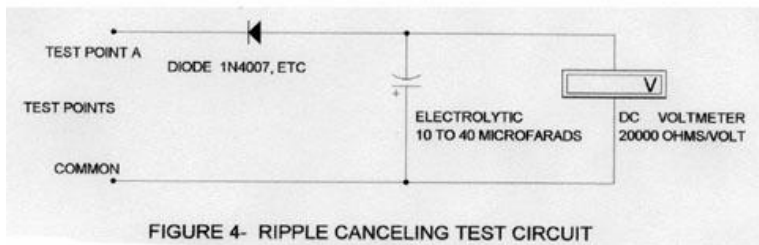


**TABLE 1**  
**SUMMARY OF POWER TETRODES ACCOMPANIED**  
**BY A TRIODE VOLTAGE AMPLIFIER**

TYPE		TETRODE		TRIODE			BASE CONNECTION	
		WATTS	VOLTS	WATTS	VOLTS	$\mu$		
6HZ8	Plate	8	330	1.0	330	70	NEO	9DX
	G2	2	330					
6KY8, 15	Plate	12	300	1.5	330	64	NOVAR	9QT
	G2	1.9	150					
6LR8, 21, 31	Plate	14	400	2.5	400	58	NOVAR	9QT
	G2	2.75	300					
6LU8, 16, 21	Plate	14	400	2.5	400	58	COMP	12DZ
	G2	2.75	300					
6MF8, 15	Plate	12	400	2.5	400	58	COMP	12DZ
	G2	2.75	300					
6MY8	Plate	16	400	2.5	400	58	COMP	12DZ
	G2	2.75	300					

**TABLE 2**  
**SUMMARY OF PERFORMANCE MEASURED AT 1KHZ**

ULTRALINEAR WITH FEEDBACK		WATTS	1	2	3	4	5	6
Harmonic Distortion %	2nd		0.28	0.44	0.45	0.53	0.74	1.18
	3rd		0.16	—	—	0.35	0.36	0.96
			Damping Factor = 17					
Ultralinear Without Feedback		Watts	1	2	3	4	5	6
Harmonic Distortion %	2nd		2.71	3.93	5.09	6.65	7.71	7.62
	3rd		0.70	0.80	1.10	1.20	1.43	4.05
			Damping Factor = 2.3					
Triode With Feedback		Watts	1	2	3	4	5	
Harmonic Distortion %	2nd		0.71	1.04	1.30	1.66	1.98	
	3rd		0.22	0.25	0.49	0.50	0.79	
			Damping Factor = 15					
Triode Without Feedback		Watts	1	2	3	4	5	
Harmonic Distortion %	2nd		3.95	5.83	7.11	8.93	8.83	
	3rd		—	0.23	0.21	0.20	2.07	
			Damping Factor = 2.4					



*J Stewart*

