

6L6WGB PP Triode Mode Fisher 500C 6k p-p ECC82 8 Ohm Load on 4 Ohm Tap

Date: 6-21-23 **20 Henry Choke input B+ CCS: 5H 60 + 333 Ohm Self Inverting B+ 291V**

150 Ohm Screen R; 6L6WGB Pair Common Cathode Bias 23.7 V 60ma, 30mA/6L6WGB

G1 1.2mV Screen 287V

ECC82 Plate 151 V Cathode Bias 3.16 V

1 Watt, 1kHz, 2nd Harmonic - 55 dBc 0.18% 3rd Harmonic - 54 dBc 0.2% 0.27% THD

No Clipping @ 4.28 Vrms (No Clipping @ 2.1 Vrms CD DAC Full Scale, 1kHz) 2.29 Watt

1.00 V no load 0.728 V 8 Ohm load Damping Factor 2.68

215mV in 423 mV out Gain 1.97 5.88 dB

1kHz 2.828 V	19.999 kHz 2.77 V	21.5 Hz 2.32 V	40 Hz 2.63 V
	- 0.18 dB	- 1.72 dB	- 0.63 dB

Impulse: Good, flat

10kHz Square Wave: Good, Very Small single 45kHz "ring"

Rise Time 5 usec	Fall Time 5.2 usec
BW 70 kHz	BW 67.3 kHz

Hum Less than 100 uV

Power:

122 VAC rms 0.43 A rms 53 VA 44.9 Watts 0.84 Power Factor

Weight: 17.4 Lbs.