



# Penta Laboratories

## Electron Tube Service Report

For use with all Penta Laboratories transmitting, rectifier, and special purpose tubes.

Tube type \_\_\_\_\_ Serial number \_\_\_\_\_  
 Tube date code \_\_\_\_\_ Date received \_\_\_\_\_  
 Date first tested \_\_\_\_\_ Date placed in service \_\_\_\_\_  
 Total hours in service \_\_\_\_\_ Date of failure \_\_\_\_\_  
 Make and model of equipment in which tube was operated \_\_\_\_\_

Describe the way in which the tube failed(I.e. unstable output, ect.) \_\_\_\_\_

Description of defective operation at the time of failure \_\_\_\_\_

Was failure verified by a second test?                      Yes \_\_\_\_\_ No \_\_\_\_\_

### Operation condition

(For Push-Pull or Parallel operation, state whether values are for one or more tubes)

	No signal, unmodulated or key-down	Full signal, modulated or key-up	Stand-by
Filament Voltage    AC _____ DC _____	_____	_____	_____
Filament Current    AC _____ DC _____	_____	_____	_____
Plate Voltage _____	_____	_____	_____
Plate Current _____	_____	_____	_____
Grid Voltage _____	_____	_____	_____
Grid Current (DC) _____	_____	_____	_____
Suppressor Voltage _____	_____	_____	_____
Suppressor Current (DC) _____	_____	_____	_____
Water Flow (Gallons per min.) _____	Temperature of outlet water _____		
Air Flow (CFM) _____	Temperature of outlet air _____		
Type of bias supply and series resistor value _____	_____		
Source of screen voltage _____	_____		
Class of service _____	Frequency _____		

### For rectifier tubes

Type of circuit \_\_\_\_\_  
 Maximum load DC current \_\_\_\_\_ Maximum load DC current \_\_\_\_\_  
 Type of filter(condensator or choke input) \_\_\_\_\_  
 Inductive reactance \_\_\_\_\_ Capacitance in Mfds. \_\_\_\_\_

Company name \_\_\_\_\_ Customer name \_\_\_\_\_  
 Street \_\_\_\_\_ City \_\_\_\_\_  
 State \_\_\_\_\_ Postal code \_\_\_\_\_  
 Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
 Email \_\_\_\_\_

Returning for     Replacement    or     Credit

Additional Comments: \_\_\_\_\_

\*\* Form must be completed and faxed to 818-882-3968 or e-mail to [custserv@pentalabs.com](mailto:custserv@pentalabs.com). An RMA will be issued when received and information is verified.