

# Pulse Systems, Inc.

Pulse Systems Model Number TR-1002  
X-Band Solid State Transmitter



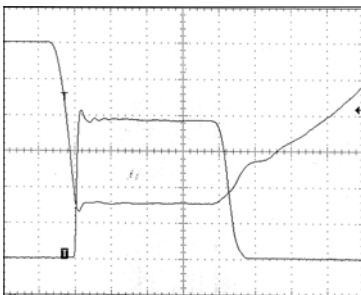
X-Band Power Supply / Modulator Specifications tested with  
CPI Magnetron SFD-349

Peak Output Voltage	22KV
Peak Cathode Current	27A
Pulse Width	Infinite Variable 0.250-2.0 USEC
Typical Application	Pulse Width: 0.8 USEC 1200 PPS
	2.0 USEC 250 PPS
Filament Power	13.75VDC 4.0 Amps provided by Modulator Package

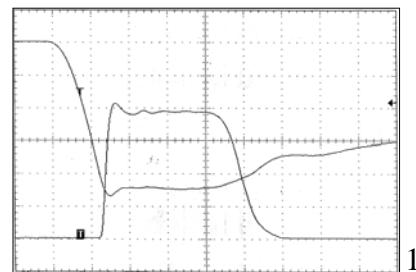
## Features

Remote Control Capability
Full Short Circuit Protection
Peak Magnetron Current Protection
Duty Cycle Protection
Self resetting for selectable number of faults and eventually to manual reset
Normal and fault indicators including manual reset located on power supply front panel

Long Pulse



Short Pulse



**PSI**