

Pulse Systems, Inc.

Pulse Systems Model Number TR-1005
S-Band Solid State Transmitter



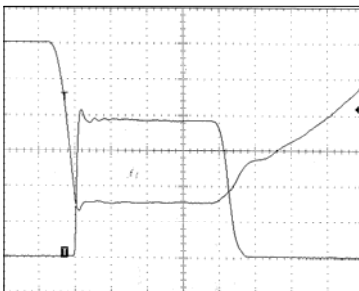
S-Band Power Supply / Modulator Specifications tested with
CPI Magnetron VMS-1197

Peak Output Voltage	40 KV
Peak Cathode Current	60 Amps
Pulse Width	Infinite Variable 0.500 - 2.0 USEC
Typical Application	Dual Pulse Width: 0.8 USEC 1200 PPS 2.0 USEC 250 PPS
Filament Power	9.5 VDC 18 Amps provided by Modulator Package

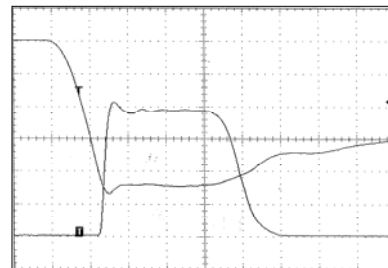
Features

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

Long Pulse



Short Pulse



1

PSI