

INSTRUCTIONS

MODEL AVP-HV3-GEO3 PULSE GENERATOR

S.N.:

### WARRANTY

Avtech Electrosystems Ltd. warrants products of its manufacture to be free from defects in material and workmanship under conditions of normal use. If, within one year after delivery to the original owner, and after prepaid return by the original owner, this Avtech product is found to be defective, Avtech shall at its option repair or replace said defective item. This warranty does not apply to units which have been disassembled, modified or subjected to conditions exceeding the applicable specifications or ratings. This warranty is the extent of the obligation assumed by Avtech with respect to this product and no other warranty or guarantee is either expressed or implied.

### TECHNICAL SUPPORT

Phone: 613-226-5772 or 1-800-265-6681

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FIG. 1: AVP-HV3 PULSE GENERATOR TEST ARRANGEMENT

## GENERAL OPERATING INSTRUCTIONS

- 1) The bandwidth capability of components and instruments used to display the pulse generator output signal (attenuators, cables, connectors, etc.) should exceed ten gigahertz.
- 2) The use of 40 dB attenuator will insure a peak input signal to the sampling scope of less than one volt.
- 3) **WARNING:** Model AVP-HV3 may fail if triggered at a PRF greater than 1.0 MHz.
- 4) The output rise time is partially controlled by the ten turn  $T_R$  trim pot on the side of the unit. The fall time and pulse width are partially controlled by the ten turn  $T_F$  trim pot.
- 5) The POS and NEG outputs must both be terminated in 50 Ohm loads.
- 6) For additional assistance:

Tel: (613) 226-5772

Fax: (613) 226-2802

PERFORMANCE CHECK SHEET