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INSTRUCTIONS

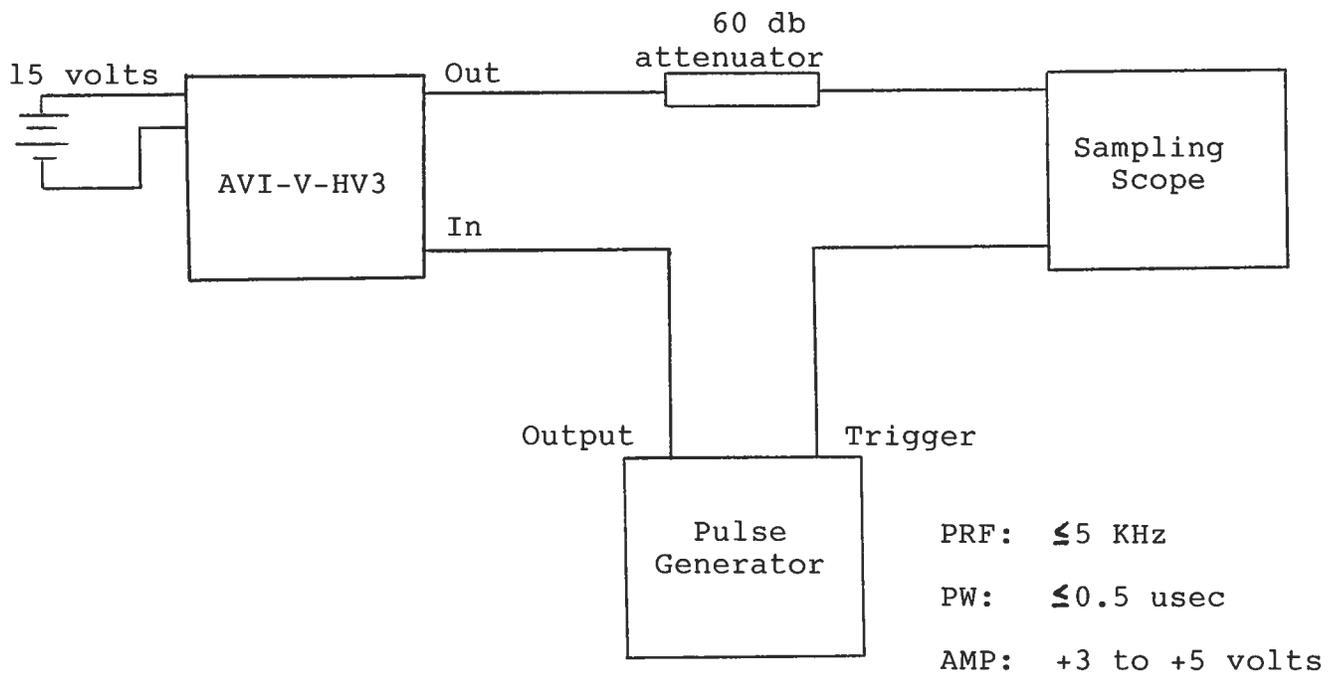
MODEL AVI-V-HV3 PULSE GENERATOR

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 or liability assumed by Avtech with respect to this product and no other warranty or guarantee is either expressed or implied.

MODEL AVI-V-HV3 PULSE GENERATOR TEST ARRANGEMENT



Notes:

- 1) The bandwidth capability of components and instruments used to display the pulse generator output signal (attenuators, cables, connectors, etc.) should exceed 10 gigahertz.
- 2) The use of a 60 db attenuator will insure a peak input signal to the sampling scope of less than one volt.
- 3) In general, the source pulse generator trigger delay control should be set in the 0.1 to 1.0 usec. range. Other settings should be as shown in the above diagram.
- 4) The Model AVI-V-HV3 pulse generator can withstand an infinite VSWR on the output port.
- 5) WARNING: Model AVI-V-HV3 may fail if triggered at a PRF greater than 5 KHz.
- 6) The output pulse width is controlled by means of the one-turn potentiometer (PW). The pot should initially be set mid-range and the pulse width adjusted using an oscilloscope. The output will degenerate to an impulse and eventually vanish as the pot is turned fully counter-clockwise.
- 7) The output amplitude is controlled by means of the one turn potentiometer (AMP). The output pulse width may reduce by as much as 5 nsec. when the output amplitude is varied from maximum to near zero.

Edition A

1997

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is essential for the proper management of the organization's finances and for ensuring compliance with applicable laws and regulations.

2. In addition, it is noted that the records should be kept in a secure and accessible format, such as electronic databases or physical files, to facilitate retrieval and analysis.

3. Furthermore, the document highlights the need for regular audits and reviews of the records to identify any discrepancies or areas for improvement. This process should be conducted by independent parties to ensure objectivity and accuracy.

4. Finally, it is stressed that all personnel involved in the record-keeping process must be trained and held accountable for their actions. This will help to ensure the integrity and reliability of the information recorded.

5. The document concludes by stating that the implementation of these measures is crucial for the long-term success and sustainability of the organization. It encourages all stakeholders to work together to ensure the highest standards of record-keeping are maintained.

6. It is also noted that the records should be updated regularly to reflect any changes in the organization's operations or financial status. This will ensure that the information remains current and relevant for decision-making purposes.

7. The document further emphasizes that the records should be protected against unauthorized access and tampering. This can be achieved through the use of appropriate security measures, such as password protection and access controls.