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INSTRUCTIONS

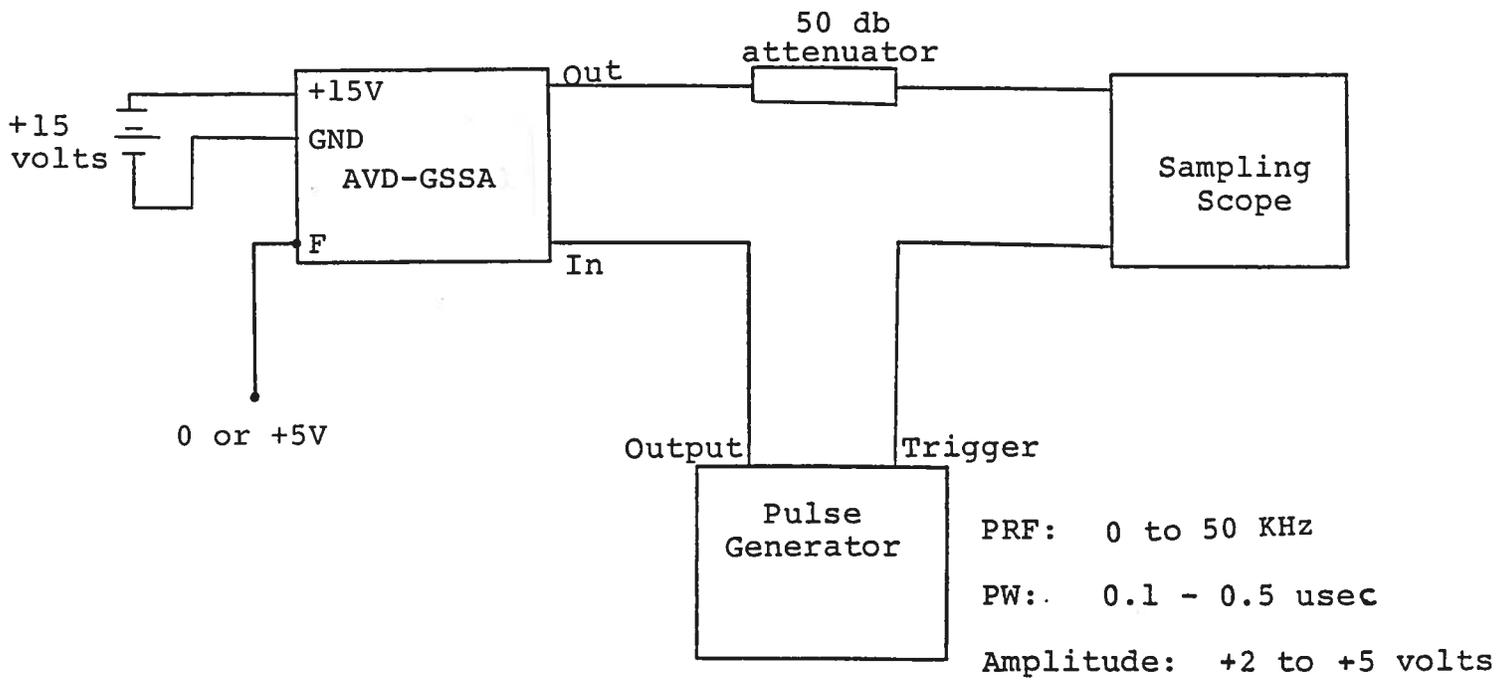
MODEL AVD-GSSA MONOCYCLE GENERATOR

S.N.: 5279 MOD

WARRANTY

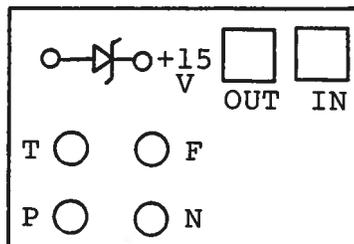
Avtech Electrosystems Ltd. warrants products of its manufacture to be free from defects in material and workmanship under conditions of normal use. If, within one year after delivery to the original owner, and after prepaid return by the original owner, this Avtech product is found to be defective, Avtech 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.

MONOCYCLE GENERATOR TEST ARRANGEMENT

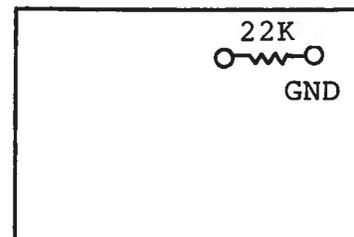


Notes:

- 1) The bandwidth capability of components and instruments used to display the monocycle generator output signal (attenuators, cables, connectors, etc.) should exceed 10 GHz.
- 2) The use of a 50 db attenuator will insure a peak input signal to the sampling scope of less than one volt.
- 3) In general, the pulse generator delay control should be set in the 100 nsec range. Other settings should be as shown in the above diagram. The monocycle generator output is delayed with respect to the trigger input signal by about 30 nsec (typically).
- 4) The monocycle generator can withstand an infinite VSWR on the output port.
- 5) The output frequency is 900 MHz when 0 V is applied to the F solder terminal and 500 MHz when +5V is applied to the F solder terminal ($R_{IN} \geq 10K$). Note that the frequency may be continuously varied from 500 to 900 MHz by varying the voltage from 5 to 0 volts.
- 6) The P and N pots are for minor adjustments to the widths of the positive and negative voltage swings. Clockwise rotation of the pots increases the widths. The T pot is for minor adjustment to the separation of the positive and negative swings (when in 500 MHz mode only). Clockwise rotation of the pot increases the separation. At time of shipping the pots were adjusted for 500 and 900 MHz operation.
- 7) A 22K resistor is attached on the rear panel between a solder terminal and ground. This resistor may be used to adjust the separation of the positive and negative swings (when in the 900 MHz mode). Decreasing the resistance will decrease the separation. CAUTION: This resistance should not be less than 2.2K. Also insure that the solder terminal is never shorted to ground.



FRONT VIEW



REAR VIEW

02.26.91

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. This section also outlines the specific procedures and protocols that must be followed to ensure the integrity of the data collected.

2. The second part of the document details the various methods and tools used for data collection and analysis. It describes how different types of information are gathered, processed, and stored, ensuring that the data remains secure and accessible for future reference. This section also covers the use of statistical techniques to analyze the collected data and identify trends and patterns.

3. The third part of the document focuses on the dissemination and communication of the findings. It outlines the various channels and formats used to share the results with stakeholders, ensuring that the information is presented in a clear and concise manner. This section also discusses the importance of providing regular updates and reports to keep all parties informed of the latest developments.

4. The final part of the document provides a summary of the key findings and conclusions. It highlights the most significant results and discusses their implications for the organization. This section also offers recommendations for future actions and improvements, based on the insights gained from the analysis.