

INSTRUCTIONS

MODEL AVHF-2-200 COMB GENERATOR

- 1) This unit requires a CW 200 MHz 0.5 Watt (\approx 15 Volts peak to peak) signal applied to the in SMA connector.
 - 2) The out SMA connector must be terminated in 50 Ohms.
 - 3) The unit is shipped with the DC terminal shorted to ground. This shorting bar may be removed and a DC potential in the range of 0 to + 0.5 Volts applied. This DC potential may reduce the amount of spurious CW feedthrough and may slightly reduce the output pulse width. CAUTION: DO NOT EXCEED +0.5 VOLT AS THIS WILL CAUSE FAILURE OF THE UNIT.
 - 4) The output impulses have a pulse width of 130 ps and an amplitude of 10 V. The output impulses are superimposed on a spurious component of the input frequency.
 - 5) The output "comb" spectrum includes lines at all multiples of the input frequency up to at least 18 GHz.
- 4) For additional assistance:

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