

PULSE GENERATOR PERFORMANCE

CHECK

Model: AVN-5-1-N

S.N.: 283

Date: JAN 31 80

- a) PRF range: 50 - 260 MHz
- b) Amplitude (max): > 5 VOLTS (NET)
(50 ohm load)
- c) Pulse width: 300 TO 1000 PSEC.
- d) Rise time: \leq 100 PSEC
- e) Fall time: \leq 100 PSEC.
- f) Input drive required: < 3.0 VOLTS R.M.S.
TO 50 Ω LOAD
- g) Prime power: + 24 VOLTS DC, \leq 0.4 AMPS
- h) Jitter, stability: OK
- i) Test waveforms:

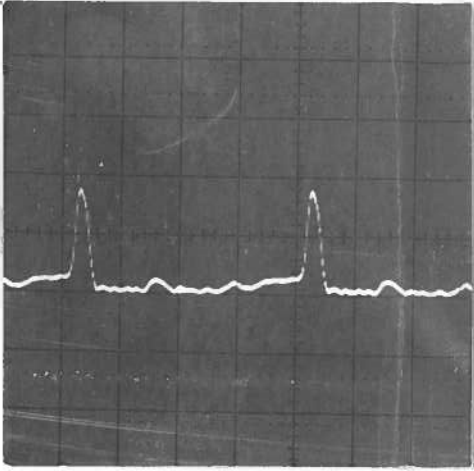
OUTPUTS FOR 250,
150 + 100 MHz
ON FOLLOWING PAGES



TEST WAVEFORMS (AVN-5-1)

VERTICAL: ≈ 3.3 VOLTS/DIV

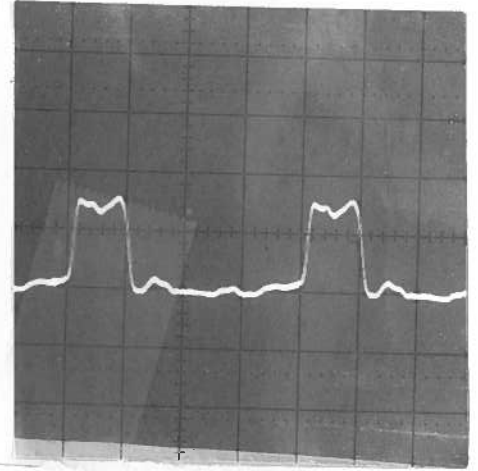
HORZ : 1.0 NSEC/DIV



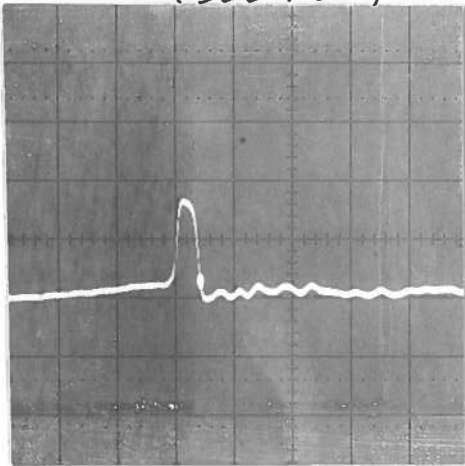
250 MHz
(300 PSEC)



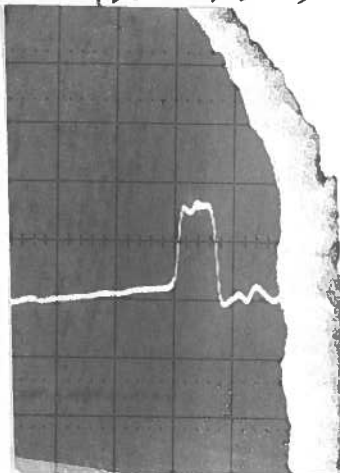
250 MHz
(700 PSEC)



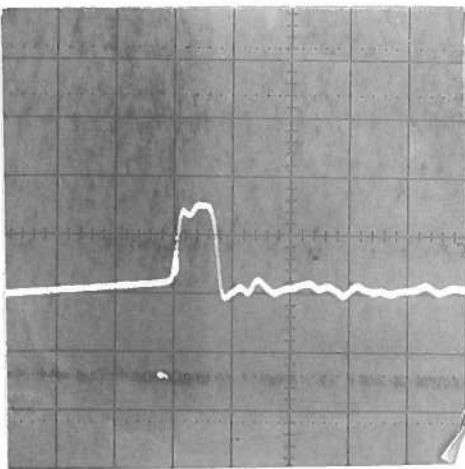
250 MHz
(1000 PSEC)



100 MHz



100 MHz



50 MHz

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[Signature]