



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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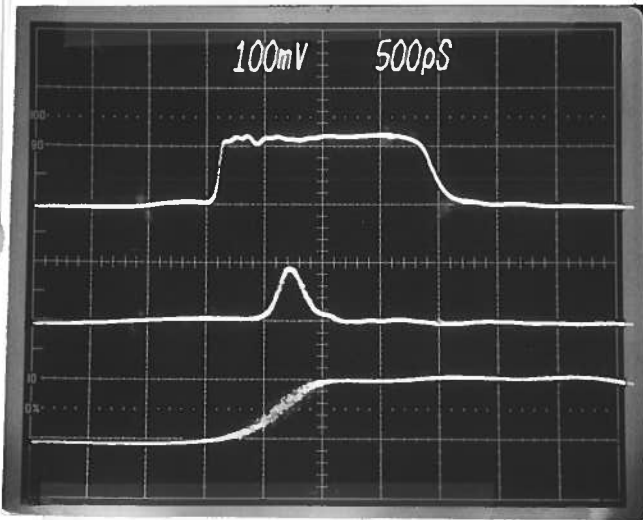
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PERFORMANCE CHECKSHEET

Model: *AVP-35-C-P*

S.N.: *11403*

Date: *FEB 8 2006*



40 dB ATTN.: 10 Volts/DIV

① *500 ps/DIV, PW MAX*

② *200 ps/DIV, PW MIN*

③ *50 ps/DIV, RISE TIME*

$$T_{RT} = \sqrt{T_{R3S}^2 + T_{SCOPE}^2 + T_{ATTEN}^2}$$

< 60 ps (20-80%)

T_{SCOPE} = 25 ps

18 GHz ATTN + CABLES

∴ CONCL THAT T_{R3S} ≤ 50 ps

a) Output Signal Amplitude:

0 TO +10 V (7050V)

b) Pulse Width :

0.2 TO 2.0 ns

c) Rise Time (20%-80%):

≤ 60 ps

d) Fall Time (80%-20%):

≤ 100 ps

e) PRF:

0 TO 1.0 MHz

f) Jitter, Stability:

OK

g) Prime Power:

100-240V
50-60 Hz