

info@avtechpulse.com
http://www.avtechpulse.com/

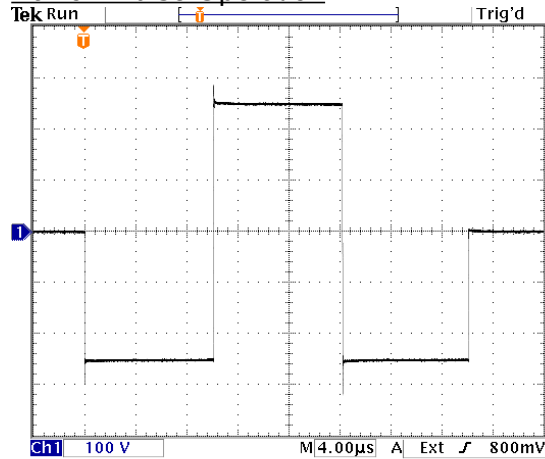
Tel: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
Fax: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-D3-B
Type: Transistor Test Pulser
S.N.: 14117
Date: April 12, 2021

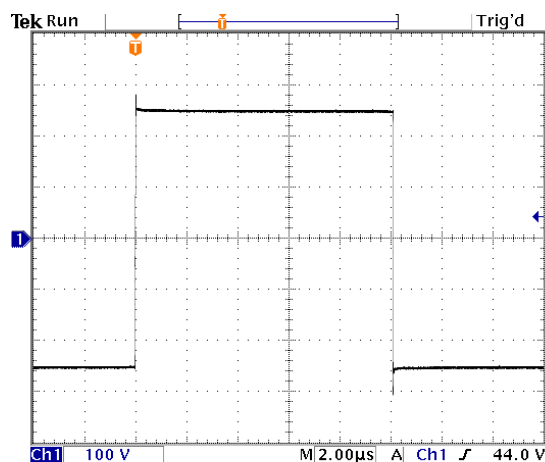
Narrow Pulse Operation



8 Apr 2021
08:34:29

V_{MON}, with 10 Hz, PW1 = 10 us, PW2 = 30 us,
Delay = 10 us, ±250V, DUT on OUT = 0Ω. 100
V/div, 4 us/div.

- a) Output Signal Amplitude: ±1 to ±250V
- b) Pulse Width: 10-100 us, 30-300 us
- c) Rise Time (20%-80%): < 20 ns
- d) Fall Time (20%-80%): < 20 ns
- e) PRF: 1 Hz - 10 Hz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

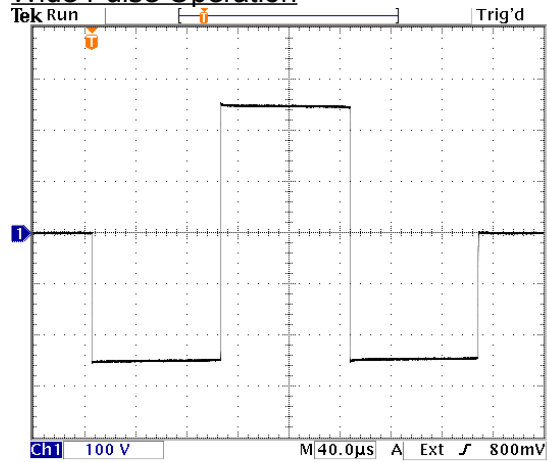


8 Apr 2021
08:35:56

Same pulse as above, scaled at 2 us/div to show
the rise and fall times.

References levels: 20%, 80%.

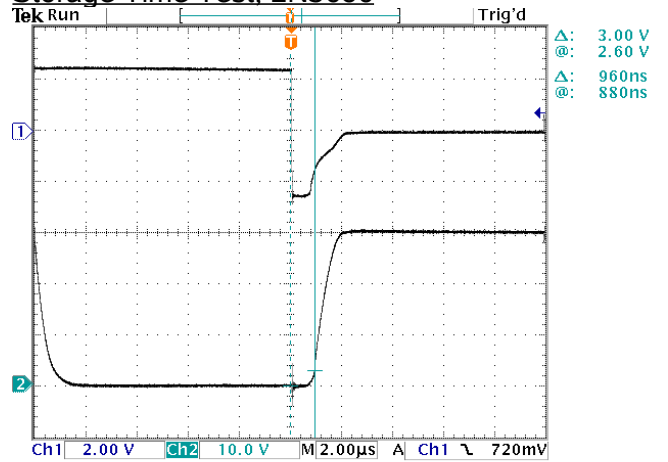
Wide Pulse Operation



8 Apr 2021
08:37:11

V_{MON} , with 10 Hz, PW1 = 100 us, PW2 = 300 us, Delay = 100 us, $\pm 250V$, DUT on OUT = 0Ω . 100 V/div, 40 us/div.

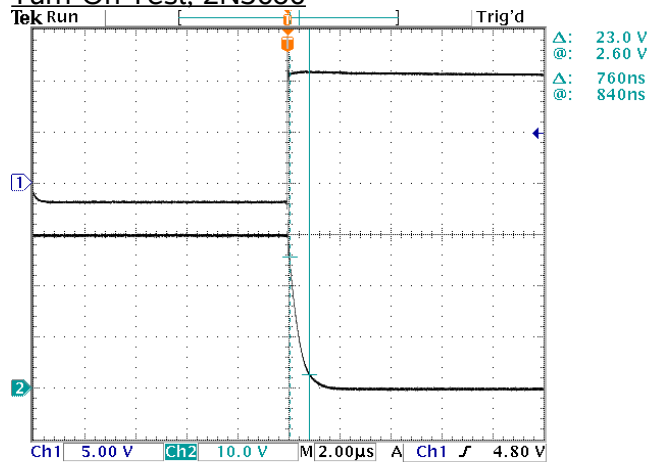
Storage Time Test, 2N5686



8 Apr 2021
09:06:43

See pages 26-27 of the manual for a discussion of this waveform.

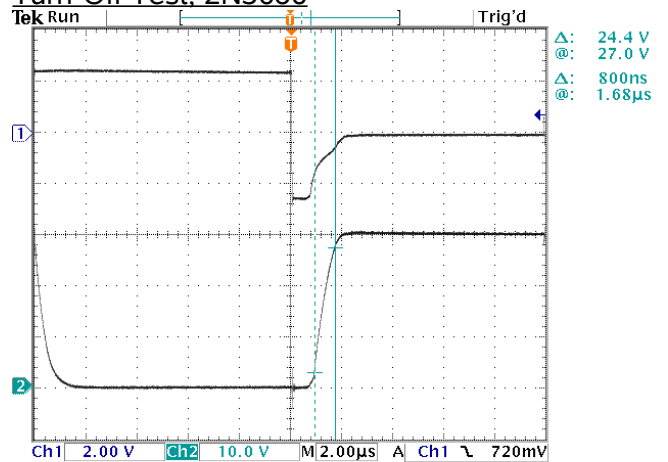
Turn-On Test, 2N5686



8 Apr 2021
08:59:09

See pages 25-26 of the manual for a discussion of this waveform.

Turn-Off Test, 2N5686



8 Apr 2021
09:07:47

See pages 26-27 of the manual for a discussion of this waveform.