



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

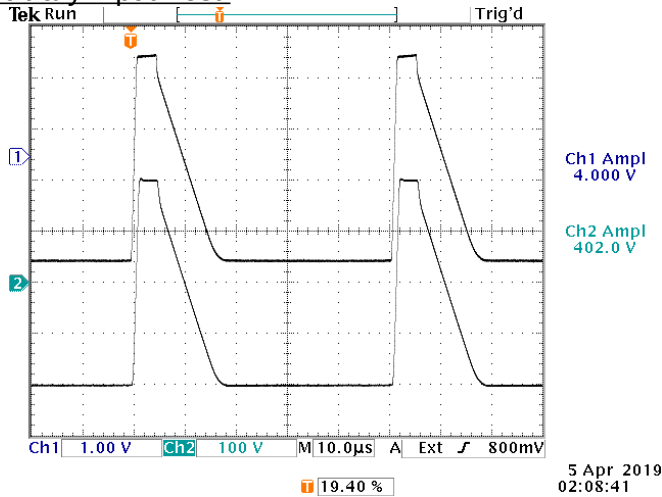
Tel: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
Fax: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-112AH-PS
Type: High-Voltage Variable-Gain Linear Amplifier
S.N.: 13862
Date: April 9, 2019

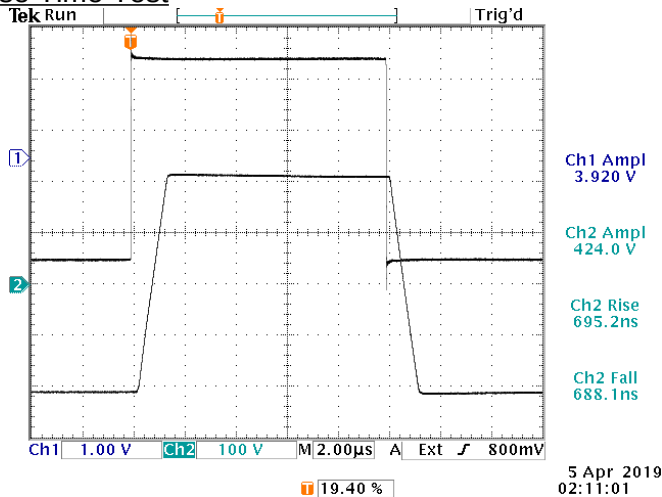
Arbitrary Input Test:



Top: Input, $\pm 2V$ amplitude. 1 V/div, 10 μs /div
Bottom: Output, $\pm 200V$, to 1.2 k Ω . 100V/div, 10 μs /div.

- a) Output Signal Amplitude: 0 to $\pm 200V$ to $R \geq 1.2 k\Omega$
- b) Gain: $< +1$ to $> +100$
- c) Rise Time (20%-80%): $\leq 1 \mu s$ (into $R \geq 1.2 k\Omega$)
- d) Fall Time (80%-20%): $\leq 1 \mu s$ (into $R \geq 1.2 k\Omega$)
- e) PRF: DC - 300 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V, 50-60 Hz.

Rise Time Test



Top: Input, $\pm 2V$ amplitude. 1 V/div, 2 μs /div.
Bottom: Output, maximum output ($> \pm 200V$), into 1.2 k Ω . 100V/div, 2 μs /div.

References levels: 20%, 80%.