



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

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

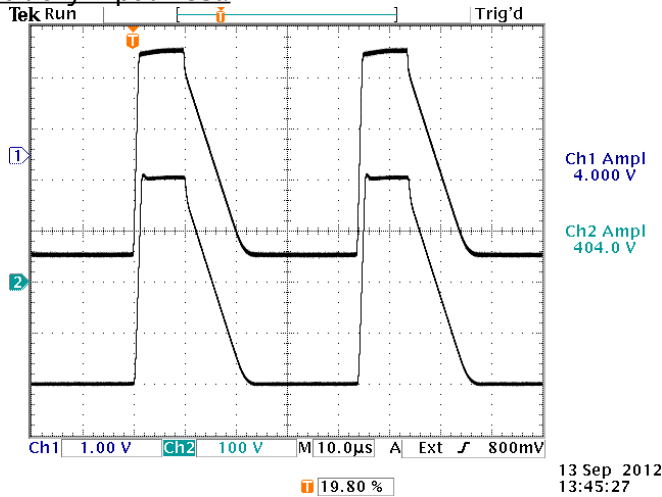
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-112AH-PS
Type: High-Voltage Variable-Gain Linear Amplifier
S.N.: 12894
Date: September 14, 2012

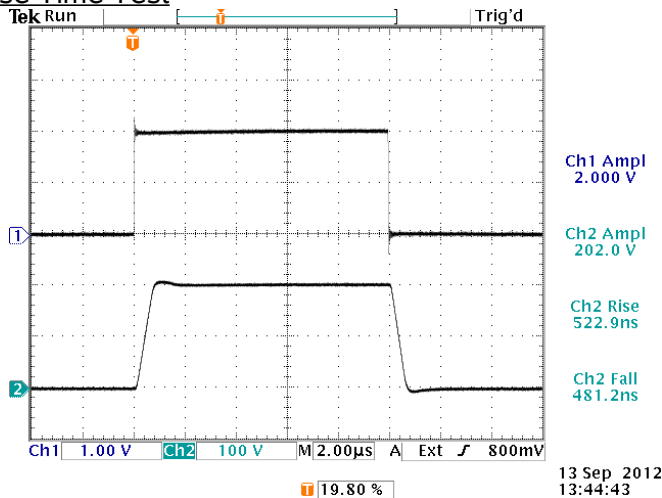
Arbitrary Input Test:



Top: Input, ±2V amplitude. 1 V/div, 10 us/div
Bottom: Output, ±200V, to 1.2 kΩ. 100V/div, 10 us/div.

- a) Output Signal Amplitude: 0 to ±200V to $R \geq 1.2 \text{ k}\Omega$
- b) Gain: x1 to x100
- c) Rise Time: $\leq 1 \text{ us}$ (to $R \geq 1.2 \text{ k}\Omega$)
- d) Fall Time: $\leq 1 \text{ us}$ (to $R \geq 1.2 \text{ k}\Omega$)
- e) PRF: DC - 300 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V, 50-60 Hz.

Rise Time Test



Top: Input, +2V amplitude. 1 V/div, 2 us/div
Bottom: Output, +200V, into 1.2 kΩ. 100V/div, 2 us/div.

References levels: 10%, 90%.