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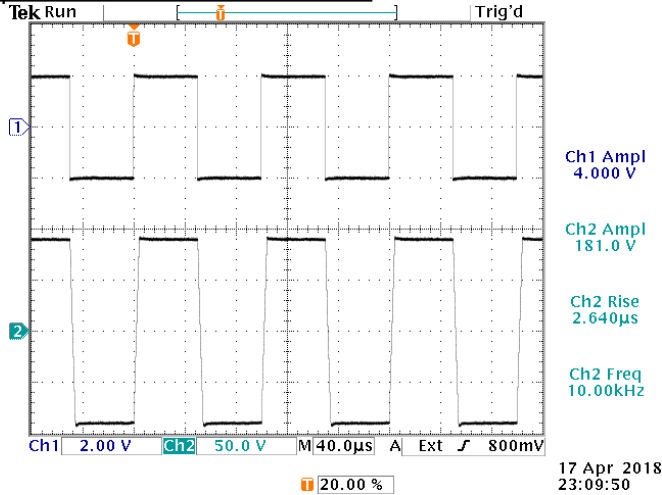
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AV-112C-PS
Type: High-Voltage Variable-Gain Linear Amplifier
S.N.: 13711
Date: April 18, 2018

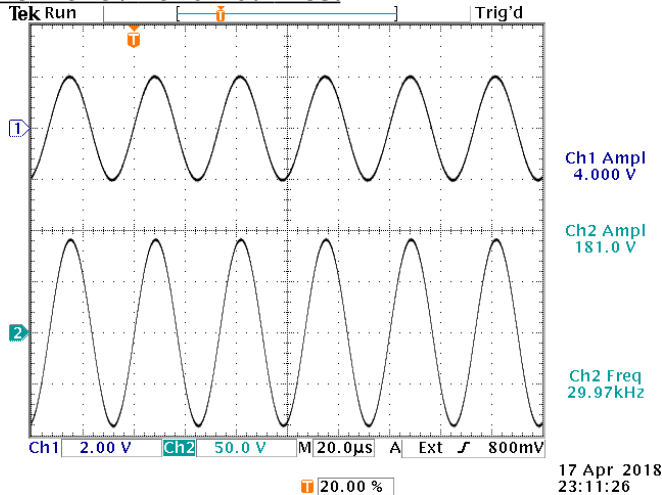
Square Wave / Rise Time Test



Top: Input, $\pm 2V$, 10 kHz, square. 2 V/div, 40 us/div
Bottom: Output, $\pm 90V$, to 97.5 Ω . 50V/div, 40 us/div.

- a) Output Signal Amplitude: 0 to $\pm 90V$
to $R \geq 100 \Omega$
- b) Gain: x1 to x45
- c) Rise Time: $\leq 3 \text{ us}$
- d) Fall Time: $\leq 3 \text{ us}$
- e) PRF: DC - 30 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V, 50-60 Hz.

Sine Wave / Bandwidth Test



Top: Input, $\pm 2V$, 30 kHz, sine. 2 V/div, 20 us/div
Bottom: Output, $\pm 90V$, to 97.5 Ω . 50V/div, 20 us/div.

References levels: 20%, 80%.