AVTECH ELECTROSYSTEMS LTD.
NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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

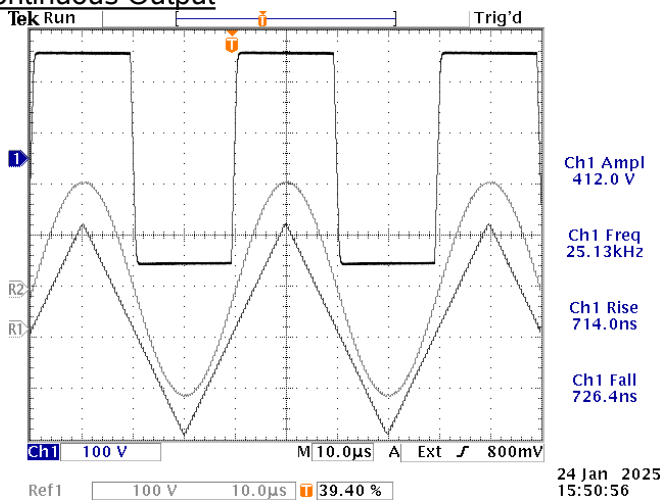
Tel: 888-670-8729 (USA & Canada)
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-153AH-B-PANB-VXI-R5
Type: High-Voltage Function Generator and Linear Amplifier
S.N.: 14496
Date: January 24, 2025

Continuous Output



Square, Sine, and Triangle outputs into a 1.2 kΩ load at maximum amplitude. 25 kHz. 100 V/div, 10 us/div.

a) Output Signal Amplitude: ±200V, to 1.2 kΩ

b) Waveforms: sine, triangle, square, pulse

c) Rise Time: < 1 us (20%-80%, for a square wave into a resistive load)

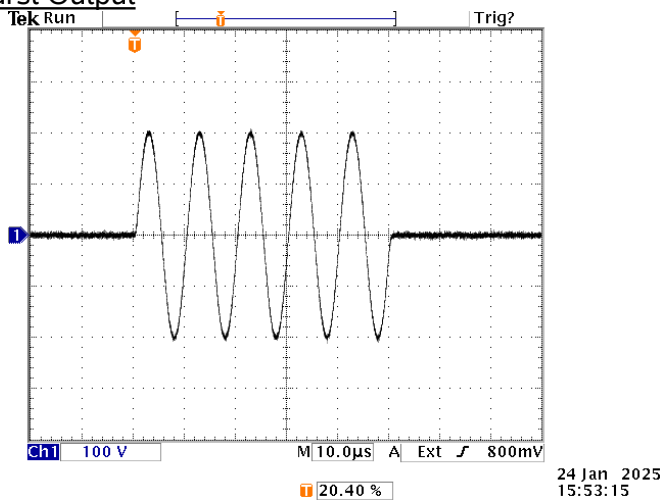
d) Fall Time: < 1 us (80%-20%, for a square wave into a resistive load)

e) PRF: DC to 300 kHz

f) Jitter, Stability: OK

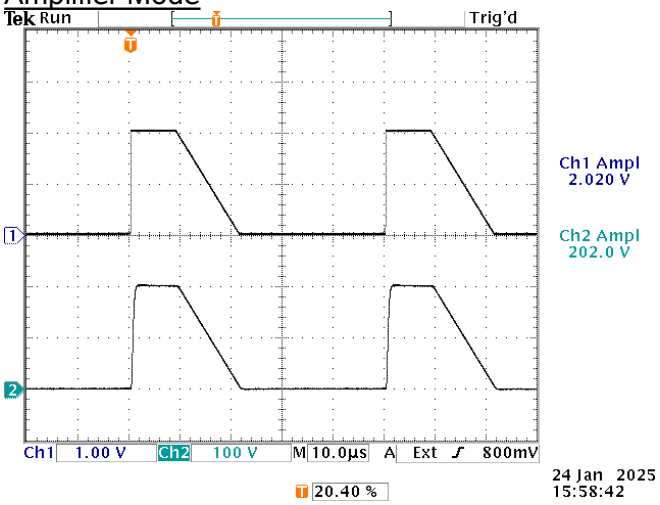
g) Prime Power: 100-240V AC, 50-60 Hz.

Burst Output



Burst of 5 sine cycles, 100 kHz, 200V peak, to 1.2 kΩ. 100 V/div, 10 us/div.

Amplifier Mode



Top: +2V arbitrary signal in
Bot: +200V amplified signal out, into 1.2 kΩ