PERFORMANCE CHECKSHEET

Model: AV-106B-B-AC03-R5-P-TP1A-SY1A
Type: Pulsed Constant Current Generator
S.N.: 14127
Date: May 26, 2021

Rise/Fall Time Test

Top: +100A into the AV-CTL1-ENC load, using the AV-CLZ1-200 cable.
Bottom: Monitor output into open circuit

a) Output Signal Amplitude: up to +100 A
b) Pulse Width (FWHM): < 2 – 200 us
c) Rise Time (20%-80%): < 1 us
d) Fall Time (80%-20%): < 1 us
e) PRF: 1 Hz - 100 Hz
f) Jitter, Stability: OK
g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test

200 us, 5 Hz, into 0.986Ω directly on the rear panel.
3, 10, 30, & 100 Amps. 20 V/div, 40 us/div.

Reference levels: 20%, 80%.