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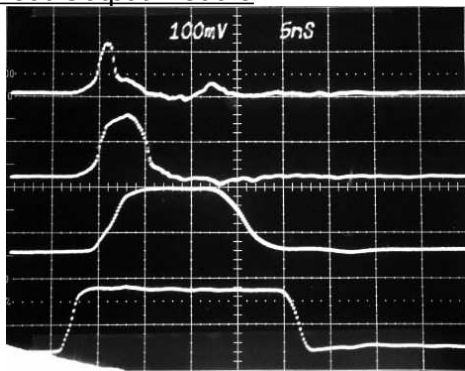
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PERFORMANCE CHECKSHEET

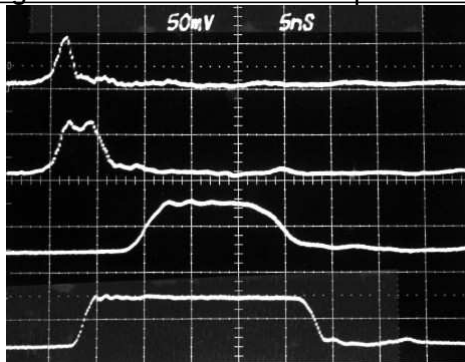
Model: AVO-2W-B-P-M-LT5, AVX-S1-HC-P1-LT5
Type: Pulsed Laser Diode Driver and Output Module
S.N.: 11456, 11457
Date: May 2, 2006

Tests Without Output Module



Top: 5 ns/div, 100 V/div, Out A to 50Ω, PW near min.
Mid: 5 ns/div, 100 V/div, Out A to 50Ω, PW ≈ 5 ns.
Mid: 5 ns/div, 100 V/div, Out A to 50Ω, PW ≈ 15 ns.
Bot: 10 ns/div, 100 V/div, Out A to 50Ω, PW ≈ 50 ns.
All: PRF = 30 kHz

Tests Using AVX-S1-HC-P1-LT5 Output Module



Top: 5 ns/div, "MI" output into 40 dB, PW near min.
Mid: 5 ns/div, "MI" output into 40 dB, PW ≈ 5 ns.
Mid: 5 ns/div, "MI" output into 40 dB, PW ≈ 15 ns.
Bot: 10 ns/div, "MI" output into 40 dB, PW ≈ 50 ns.
All: PRF = 30 kHz.
Test load = 1N459A switching diode.

- a) Output Signal Amplitude: 0 to +10A, to 6.2 Ohms
- b) Pulse Width (FWHM): 1 – 50 ns
- c) Rise Time (20%-80%):
 - < 1 ns for PW < 5 ns
 - < 2 ns for PW ≥ 5 ns
- d) Fall Time (80%-20%):
 - < 1 ns for PW < 5 ns
 - < 2 ns for PW ≥ 5 ns
- e) PRF: 1 Hz - 30 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.