



## SERVICE FORMAT

- Service engineer/company: \_\_\_\_\_
- Laser to be serviced (include serial number): \_\_\_\_\_
- Fault reported: \_\_\_\_\_
- Date of fault reported: \_\_\_\_\_
- Date of service: \_\_\_\_\_
- Company's internal service number/reference: \_\_\_\_\_

### I. PARAMETERS OF LASER BEFORE SERVICE STARTS

- CW oscillator pump power (W): \_\_\_\_\_
- CW oscillator pump diode current (A): \_\_\_\_\_
- CW pump LBO temperature (C): \_\_\_\_\_
- Oscillator power (CW mW): \_\_\_\_\_
- Oscillator pulse duration (fs): \_\_\_\_\_
- Oscillator power (mode-locked, mW): \_\_\_\_\_
- Pulsed pump power (W): \_\_\_\_\_
- Pulsed pump current (A): \_\_\_\_\_
- CW pump LBO temperature (F): \_\_\_\_\_
- Amplified beam power (W): \_\_\_\_\_
- Amplified pulse duration (fs): \_\_\_\_\_
- Observations: \_\_\_\_\_

### II. PROCEDURE/REPAIR/REPLACEMENT

Please describe the diagnostic and repair procedures as well as any parts replaced (add extra pages if needed): \_\_\_\_\_

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**III. PARAMETERS OF LASER AFTER SERVICE**

- CW oscillator pump power (W): \_\_\_\_\_
- CW oscillator pump diode current (A): \_\_\_\_\_
- CW pump LBO temperature (C): \_\_\_\_\_
- Oscillator power (CW mW): \_\_\_\_\_
- Oscillator pulse duration (fs): \_\_\_\_\_
- Oscillator power (mode-locked, mW): \_\_\_\_\_
- Pulsed pump power (W): \_\_\_\_\_
- Pulsed pump current (A): \_\_\_\_\_
- CW pump LBO temperature (F): \_\_\_\_\_
- Amplified beam power (W): \_\_\_\_\_
- Amplified pulse duration (fs): \_\_\_\_\_
- Observations: \_\_\_\_\_

Service engineer's signature: \_\_\_\_\_

Client's signature: \_\_\_\_\_