62XX AND 63XX LASER SYSTEM SERVICE REPORT

CUSTOMER: George Washington Univ.
ORDER NUMBER: AR10450
SERIAL NUMBER: 6328-082-HM0591

CUSTOMER DIAGNOSIS: Unstable Output

NEW FOCUS DIAGNOSIS: Calibration Off
Mode hop @ high end

REPAIR ACTIONS: Readjusted laser cavity for mode hop
Recalibrated and Tested for customer spec

Service Technician: Carlo Sabado
DATE: 10/17/02

Please call Eduardo Cortez 408-284-5072 if you have further questions about your repairs.
New Focus Model 63XX Tunable Diode Laser
Acceptance Test Data Sheet

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laser Head Serial No.</td>
<td>6328-082-HM0908</td>
</tr>
<tr>
<td>Controller Serial No.</td>
<td>203</td>
</tr>
<tr>
<td>Wavelength Range:</td>
<td>From 1507.7 nm to 1581.04 nm</td>
</tr>
<tr>
<td>Recommended Operating Temperature</td>
<td>20 °C</td>
</tr>
<tr>
<td>Recommended Operating Current</td>
<td>80 mA</td>
</tr>
<tr>
<td>Wavelength Input Range</td>
<td>From 0 to 9.00 V</td>
</tr>
<tr>
<td>Frequency Modulation Input</td>
<td>0.06 nm/V</td>
</tr>
<tr>
<td>Wavelength Input</td>
<td>8.15 nm/V</td>
</tr>
</tbody>
</table>

Front Panel Check List
- Power Key Switch and Indicator
- Laser Power Push Button and LED
- PZT Control and Display
- Wavelength Set, Track, Scan, and Display
- Temperature Control and Display
- Current Control and Display
- Local/Remote Control

Back Panel Check List
- Wavelength Input
- Wavelength Output
- Detector Input
- Frequency Modulation Input
- Current Modulation Input

Laser Head
- High Frequency Current Modulation
- Remote Access
- GPIB
- RS232

Conducted by: [Signature] Date: 6/29/99