

Chameleon Ultra II Identification:

Chameleon Serial Number: GDP.1093390.8399
Chiller Serial Number: N/A
Recirculator Serial Number: N/A

Chameleon Ultra II Performance:

| Parameter | Specification | Conformity |
|-------------------------------------|---|-------------------------------------|
| Peak Power ¹ | >3.5 W | <input checked="" type="checkbox"/> |
| Tuning Range | 680 nm to 1080 nm | <input checked="" type="checkbox"/> |
| Power Specifications | 650 mW @ 680 nm | <input checked="" type="checkbox"/> |
| | 1.6 W @ 700 nm | <input checked="" type="checkbox"/> |
| | 3.5 W @ 800 nm | <input checked="" type="checkbox"/> |
| | 1.6 W @ 920 nm | <input checked="" type="checkbox"/> |
| | 550 mW @ 1020 nm | <input checked="" type="checkbox"/> |
| | 200 mW @ 1080 nm | <input checked="" type="checkbox"/> |
| Tuning Speed | >40 nm s ⁻¹ | <input checked="" type="checkbox"/> |
| Pulse Width ^{1, 2} | 140 ± 20 fs | <input checked="" type="checkbox"/> |
| Output Power Stability ³ | <±0.5% | <input checked="" type="checkbox"/> |
| Spatial Mode | TEM ₀₀ (M ² <1.1 ¹) | <input checked="" type="checkbox"/> |
| Beam Diameter ^{1, 4} | 1.2 ± 0.2 mm | <input checked="" type="checkbox"/> |
| Beam Ellipticity ^{1, 5} | 0.9 to 1.1 | <input checked="" type="checkbox"/> |
| Astigmatism | <10% | <input checked="" type="checkbox"/> |
| Repetition Rate | 80 MHz, nominal | <input checked="" type="checkbox"/> |

Signed: Leonard Pacitti

Date: 04/09/2014

¹ Specified at peak of tuning curve.² Based on sech² deconvolution of 0.65 times autocorrelation width.³ Power drift in any 2 hour period with less than ±1°C temperature change after a 1 hour warm up.⁴ 1/e² at exit port.⁵ Ratio of major to minor 1/e² beam diameter at exit port.