



DEC 16 2014

SHERIFF DEPARTMENT

**Pierce County
Radio Communications**

1422 112th Street East
Tacoma, Washington 98445

(253) 789-7147

CERTIFICATE OF ACCURACY

I, Jorge Marciano, do certify under the penalty of perjury, under the laws of the State of Washington, in the County of Pierce, that all applicable tests and measurements were made on the laser Speed Measuring Device (SMD) listed below. The SMD was found to meet or exceed all manufacturer's specifications.

Laser SMD Information and Certification Summary

Manufacturer:	<u>Kustom Signals</u>	Date Certified:	<u>11-Dec-14</u>
Model:	<u>ProLaser III</u>	Agency:	<u>Pierce County Sheriff Department</u>
Serial Number:	<u>PL17799</u>		

Distance Tests

Long Range	Expected: 205.0 ft	Tested: 204.7 ft	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
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Operational Tests

Controls Operational	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
RFI Indicator	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

Pulse Characteristics Tests

Pulse Frequency (Rep Rate)	Expected: 199.98 to 200	Tested: 200.00 Hz	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Pulse Width	Expected: <=100 nS	Tested: 22.50 nS	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Double Pulse			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

Beam Characteristics Tests

Optical Power	Expected: <=200 mW	Tested: 172.77 uW	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Wavelength	Expected: NA	Tested: ND	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
Horizontal Beam Width			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Vertical Beam Width			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Sight Alignment			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

I certify under penalty of perjury, under the laws of the State of Washington, that the foregoing is true and correct.

Dated and Signed at Tacoma, Washington

12/14/14
DATE

[Signature]
SIGNED