

**Certificate No.:** 919993-002  
**Serial No.:** 919993  
**Model:** 818-RAD  
**Part No.:** 7N6080A  
**Description:** Power Sensor

**Calibrated at:**  
**Calibration Lab**  
**Ophir Optronics Solutions**  
**10 Hartom Street**  
**Jerusalem, Israel**  
[www.ophiropt.com/photonics](http://www.ophiropt.com/photonics)  
**Tel: +972-2-548-7407**  
**Email: calibrationlab@ophiropt.com**

### Standards Used For Calibration

Model	PD300-UV-SM KM7539-01				
Serial No.	892505				
Next Cal. Date	17-JUL-2019				

### Calibration Measurements

Power (W)						
Wavelength	Filter	Master	Sensor	Deviation	Uncertainty	Pass/Fail*
254 nm	n/a	13.20 uW/cm2	12.91 uW/cm2	-2.20 %	±3.0 %	PASS
830 nm	n/a	24.50 uW/cm2	24.35 uW/cm2	-0.61 %	±3.0 %	PASS
635 nm	n/a	26.10 uW/cm2	26.35 uW/cm2	0.96 %	±3.0 %	PASS

**Notes:**

**Outgoing Result:** **PASS**

**Calibration Procedure: QA-103**

Performed By: Moshe Ohayon - Q.A. 34

Calibration Date: 14-JUN-2019

Temperature: 24 °C

Recommended Recal. Date: DEC 2020

Humidity: 36 % RH

For data sheets of all standard Ophir products, please go to the relevant product page at: <http://www.ophiropt.com/laser-measurement>

\* The Pass/Fail criteria are based on the stated coverage probability for the expanded uncertainty.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

For information about uncertainty of measurement, please refer to: <http://www.ophiropt.com/laser-measurement/knowledge-center/article/1110>

Recommended calibration intervals and the resulting due dates are 18 months for new products and 12 months for recalibrated products. The calibration interval can be changed by the customer at their own discretion but Ophir Optronics will not guarantee the calibration after the stated intervals. All standards used are traceable to NIST and/or other national and international standards. The entire traceability chart and certifications are available on request.

The Israel Laboratory accreditation authority (ISRAC) is one of the signatories of the International Accreditation Cooperation (ILAC) arrangement for the mutual recognition of testing results. The use of ISRAC symbol relates to tests/calibrations which are included in the organization scope of accreditation, and performed according to the accreditation rules as detailed in the accreditation certificate. ISRAC is not responsible for the testing results conducted by the laboratory and the laboratory's accreditation is not considered as an approval of ISRAC or a different party related to the assessed. This document must be referred to entirely and copying of any part of it to other documents is forbidden.

**End of certificate**

Israel: Tel +972-2-548-7407  
 USA: Tel: +1-435-753-3729  
 Japan: Tel: +81-48-646-4150  
 Europe: Tel: +49 6151 708-580

Fax: +972-2-582-2338  
 Fax: +1-435-753-5231  
 Fax: +81-48-646-4155  
 Fax: +49 6151 706-599

Email: calibrationlab@ophiropt.co.il  
 Email: calibration@us.ophiropt.com  
 Email: info@ophirjapan.co.jp  
 Email: R&R@eu.ophiropt.com

[www.ophiropt.com](http://www.ophiropt.com)