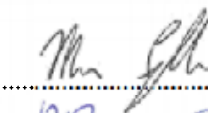
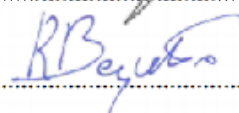




<b>TEST REPORT nr. R17133401</b>	
<b>Electromagnetic Compatibility (EMC)</b>	
<b>Test item</b>	
Description.....:	SILICON IRRADIANCE SENSOR
Trademark.....:	SOLUZIONE SOLARE
Model/Type .....	SUNMETERPRO SUNSPEC – SUNMETER PRO
<b>Test Specification</b>	
Standard.....:	EN 61000-6-3:2007 + A1:2011 EN 61000-6-2:2005 + AC:2005
<b>Client's name</b> .....	SOLUZIONE SOLARE di A. Calatroni
Address .....	Via San Pietro Intrigogna, 120 – 36100 Vicenza (VI) – ITALY
<b>Manufacturer's name</b> :	Same as client
Address .....	–
<b>Report</b>	
Tested by .....	M. Segalla – Technician <span style="float: right;"></span>
Approved by .....	R. Beghetto – Laboratory Manager <span style="float: right;"></span>
Date of issue .....	19.09.17
Contents.....:	41 pages

This test report shall not be reproduced except in full without the written approval of CMC.  
 The test results presented in this report relate only to the item tested.

CMC Centro Misure Compatibilità S.r.l.



## 1. Summary

### Emission Test:

EN 61000-6-3:2007 + A1:2011

Test specifications	Environmental Phenomena	Port	Tests sequence	Result
EN 55022 Class B	Continuous disturbance voltage	AC mains	–	N.A. (+)
		DC power	1	Complies
		Telecomm. / Network	–	N.A. (+)
EN 55014 -1	Discontinuous disturbance voltage	AC mains	–	N.A. (+)
EN 55022 Class B	Radiated disturbance	Enclosure	3	Complies
EN 61000-3-2 Class A	Harmonic current emissions	AC mains	–	N.A. (+)
EN 61000-3-3	Voltage fluctuations and flicker	AC mains	–	N.A. (+)

(+) Port Not Present

**NOTE:** tests performed on model SUNMETERPRO SUNSPEC, model SUNMETER PRO differs only for the firmware



<i>Immunity Test:</i>				
EN 61000-6-2:2005 + AC:2005				
<i>Test specifications</i>	<i>Environmental Phenomena</i>	<i>Port</i>	<i>Tests sequence</i>	<i>Result</i>
EN 61000-4-2	Electrostatic discharge	Enclosure	7	Complies
EN 61000-4-3	Radiated electromagnetic field	Enclosure	5	Complies
EN 61000-4-4	Electrical Fast Transients	AC mains	–	N.A. (+)
		DC mains	2	Complies
		Signal	–	N.A. (++)
EN 61000-4-5	Surge	AC mains	–	N.A. (+)
		DC mains	8	Complies
		Signal	–	N.A. (++)
EN 61000-4-6	Injected currents	AC mains	–	N.A. (+)
		DC mains	4	Complies
		Signal	–	N.A. (++)
EN 61000-4-8	Power-frequency magnetic field	Enclosure	6	Complies
EN 61000-4-11	Dips / Short interruptions	AC mains	–	N.A. (+)

(+) Port Not Present

(++) All cables having length lower than 30 m

**NOTE:** tests performed on model SUNMETERPRO SUNSPEC, model SUNMETER PRO differs only for the firmware

*This document aims to report the compatibility test results according to the 2014/30 UE Directive. The Test Report was given to the Client representatives for necessary documentation of ratification of the tested equipment and it is valid for the CE marking.*