

# Laboratory Service PHYSICAL TEST REPORT



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**Subject:** VOLTANA-2 16 led's @ 1A class I

Sample n°:

**Test purpose:** EMC tests according to EN 55015 & EN 61547 Standards

**Remarks:**

Test request n°: P-D14700

Folder n°: P-F14058

## TEST CONDITIONS:

Operator: ULg - EMC

### Test Summary

EN 55015 & EN 61547 Standards

### Emission

Standard	Limit / Level	Result	
		PASS	FAIL
EN 55015 Conducted Emission 9kHz- 30 MHz		X	
EN 55015 Annex B 30 MHz – 300 MHz		X	

### Immunity

Standard	Limit / Level	Result	
		PASS	FAIL
EN 61000-4-5	0.5 , 1 , 2 & 4 kV M.D. Impulse + @ 90° Impulse - @ 270° 20' between impulse Criteria B required	X	

**Driver:** LG Innotek PISE-A 055A – 55W 1A (Rev-04)

**EMC Auxiliaries:** Ferrite W-E 742 700 55

## CONCLUSIONS:

VOLTANA-2 16 led's driven @ 1A by LG Innotek 55 W driver complies with the CISPR/EN 55015 and EN 61547 Standards.

**Remark:** Surge protection tested OK up to 4 KV for both Differential & Common modes (Max ULg facilities).

Duplicate to: Mr M. Thijs  
LAB 23/09/2014  
J.P. Harchies

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