

EMC REPORT

No. 1915151STO-001, Ed. 1

Electromagnetic disturbances

EQUIPMENT UNDER TEST

Equipment: Decoration lamp with LED
Type/Model: J1936 Stråla
Manufacturer: IKEA of Sweden AB
Tested by request of: IKEA of Sweden AB

SUMMARY

The equipment is evaluated to comply with the requirements according to the following standards.

FCC 47 CFR Part 15: Radio frequency device, Subpart B: Unintentional radiators. Class B equipment.

ICES-005 Issue 4: Lighting Equipment, Class B

ICES-005 Issue 5: Lighting Equipment, Class B

Date of issue: October 10, 2019

Tested by:


Ann-Christine Norrström

Approved by:


Per Granberg

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Revision History

Edition	Date	Description	Changes
1	2019-10-10	First release	

Reference type/model

Test report no.	1817142STO-001, Ed. 2
Test performed by:	Intertek Semko AB Torshamnsgatan 43, Box 1103, SE-164 22 Kista Sweden
Standards:	FCC 47 CFR Part 15: 2015, Subpart B ICES-005 Issue 4: Lightning Equipment, Class B ICES-005 Issue 5: Lightning Equipment, Class B
Equipment:	Decoration lamp with LED
Type / model:	J1829 Stråla
Brand name:	IKEA
Manufacturer:	IKEA of Sweden AB Box 702 SE-343 81 Älmhult Sweden
Rating	4 V DC, 2.2 W
Class	III
Highest clock frequency:	< 108 MHz
Transmitting frequency:	-

Opinions and interpretation

This test report covers alternative types, presumed to have the same EMC-characteristics as the above tested reference type.

According to the manufacturer, the alternative type is identical to the tested type except for the following difference:

- Changed LED:s.
- The resistances R1 and R2 are changed from 4.7 Ω to 4.3 Ω .
- Santa claus lamp shade.

The differences are considered not to imply different EMC-characteristics when compared to the tested type. Therefore, this type is not tested, but considered to have the same EMC-characteristics as the tested type.



Conforms to:
UL Std 588
Certified to:
CSA Std C22.2 No. 37 CAN
ICES-005 (B) / NMB-005 (B)

Type No. J1936

Sup. No. 00000

Stråla
Made in China



Rating plate J1936 Stråla

Test set up and EUT photos

Test set up and EUT photos are enclosed in Annex 1 to this test report.