


Test Verification of Conformity

Verification Number: 170904033SZN-001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Astera LED Technology GmbH Stahlgruberring 36, 81829 Munich, Germany
Product Description:	AX3 Lightdrop™
Ratings & Principle Characteristics:	rechargeable battery (DC 12.6V, 3350mAh) which can be charged by AC/DC adaptor (Input: AC100-240V, 50-60Hz, 0.4A; Output: DC 5V, 2.5A)
Models:	AX3-CRMX-U, AX3-CRMX-WT
Brand Name:	ASTERA
Relevant Standards/ Specifications/ Directives:	See Appendix
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. 101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District, ShenZhen, P.R. China
Date of Tests:	04 September 2017 to 24 October 2017
Test Report Number(s):	170904033SZN-001, 170904033SZN-002, 170904033SZN-003, 170904032SZN-001, 170821057SZN-001
Additional information in Appendix.	



Signature

Name: Sunny Zhou

Position: Supervisor

Date: 25 July 2019

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APPENDIX: Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification Number: 170904033SZN-001

Relevant Standards/
Specifications/ Directives:

EN 62479: 2010: Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

ETSI EN 300 220-1: V3.1.1 (2017-02): Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement

ETSI EN 300 220-2: V3.1.1 (2017-02): Short Range Devices (SRD) operating in the frequency range 25MHz to 1000MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non specific radio equipment

Draft ETSI EN 301 489-1 V2.2.0 (2017-03): ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU

Draft ETSI EN 301 489-3 V2.1.1 (2017-03): Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

Draft ETSI EN 301 489-17 V3.2.0 (2017-03): ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU



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Specifications/ Directives:

EN 55015: 2013: Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

EN 61000-3-2: 2014: Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current up to and including 16A per phase)

EN 61000-3-3: 2013: Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16A$ per phase and not subject to conditional connection

EN 61547: 2009: Equipment for general lighting purposes - EMC immunity requirements

ETSI EN 300 328 V2.1.1 (2016-11): Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

Radio Equipment Directive (2014/53/EU) – RED article 3.1(a) (except for safety, which has not been reviewed.), 3.1(b) & Art. 3.2



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