
	Test Report issued under the responsibility of: 
TEST REPORT Electromagnetic Compatibility	
Report Number	2270457R
Date of issue	2022-08-25
Total number of pages	68
Name of Testing Laboratory preparing the Report	DEKRA Testing and Certification (Suzhou) Co., Ltd.
Applicant's name	Casambi Technologies Oy
Address	Alberga Business Park Bertel Junoin Aukio 1 E, Espoo, 02600, Finland
Test specification:	
TRF template used:	IECEE OD-2020-F7:2020; ed. 2
Standards	CISPR 15:2018, IEC 61547:2020, IEC 61000-3-2:2018, IEC 61000-3-2:2018/AMD1:2020, IEC 61000-3-3:2013, IEC 61000-3-3:2013/AMD1:2017, IEC 61000-3-3:2013/AMD2:2021
Test procedure	CB Scheme
Test Report Form No.	IECCISPR15N
Test Report Form(s) Originator	Intertek Semko AB
Master TRF	Dated 2022-03-18
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Test item description	Bluetooth control unit for LED drivers	
Trademark or brand name	Casambi	
Manufacturer	Casambi Technologies Oy Alberga Business Park Bertel Junoin Aukio 1 E, Espoo, 02600, Finland	
Model/Type reference(s)	CBU-ASD-LR	
Ratings	220-240 V~; 50 Hz; 0.6 A	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/> CB Testing Laboratory:	DEKRA Testing and Certification (Suzhou) Co., Ltd.	
Testing location/ address	No.99 Hongye Rd., Suzhou Industrial Park, Suzhou,215006, Jiangsu,China	
Tested by (name, function, signature)	Star Wang (Project Engineer)	<i>Star Wang</i>
Approved by (name, function, signature) ..	Oscar Shi (Manager)	<i>oscar shi</i>
<input type="checkbox"/> Testing procedure: CTF Stage 1:		
Testing location/ address		
Tested by (name, function, signature)		
Approved by (name, function, signature) ..		
<input type="checkbox"/> Testing procedure: CTF Stage 2:		
Testing location/ address		
Tested by (name + signature)		
Witnessed by (name, function, signature) .		
Approved by (name, function, signature) ..		
<input type="checkbox"/> Testing procedure: CTF Stage 3:		
<input type="checkbox"/> Testing procedure: CTF Stage 4:		
Testing location/ address		
Tested by (name, function, signature)		
Witnessed by (name, function, signature) .		
Approved by (name, function, signature) ..		
Supervised by (name, function, signature) :		

List of Attachments (including a total number of pages in each attachment):

N/A

Summary of testing**Tests performed (name of test and test clause):**

- 4.1 Conducted disturbances
- 4.2 Radiated electromagnetic disturbances (9 kHz to 30 MHz)
- 4.3 Radiated electromagnetic disturbances (30 MHz to 1000 MHz)
- 5 Harmonic current emissions
- 6 Voltage changes, voltage fluctuations and flicker
- 7.2 Electrostatic discharges
- 7.3 Radio-frequency electromagnetic fields
- 7.4 Power frequency magnetic fields
- 7.5 Fast transients
- 7.6 Injected currents (radio-frequency common mode)
- 7.7 Surges
- 7.8 Voltage dips and short interruptions

Testing location:

No.99 Hongye Rd., Suzhou Industrial Park, Suzhou,215006, Jiangsu,China

Summary of compliance with National Differences

Country code	National differences standard
Great Britain	BS EN IEC 55015:2019+A11:2020
Great Britain	BS EN 61547:2009+AC:2010
Great Britain	BS EN IEC 61000-3-2:2019
Great Britain	BS EN 61000-3-3:2013+A1:2019, BS EN 61000-3-3:2013+A2:2021
Commonwealth of Australia	AS/NZS CISPR 15:2018
Commonwealth of Australia	AS/NZS 61000.3.2:2013
Commonwealth of Australia	AS/NZS 61000.3.3:2012
European Union	EN 55015:2013+A1:2015, EN IEC 55015:2019
European Union	EN 61547:2009
European Union	EN 61000-3-2:2014, EN IEC 61000-3-2:2019
European Union	EN 61000-3-3:2013, EN 61000-3-3:2013+A1:2019 ,EN 61000-3-3:2013+A1:2019+A2:2021

Use of uncertainty of measurement for decisions on conformity (decision rule) :

No decision rule is specified by the IEC standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method").

Other:...

Information on uncertainty of measurement:

TRF No. IECCISPR15N