

Test Report #421.197.1 Rev.0

EMC tests on the devices/equipment:

G1 BMS

Equipment under Test:

Description: battery management system
Model: G1 BMS

Applicant/ Manufacturer: EMUS, UAB
 Zirmunu str. 139A
 09120 Vilnius, Lithuania

Test laboratory: CEcert GmbH.
 Alter Holzhafen 19/19a
 23966 Wismar, Germany

Summary of Test:

Tests	Standards	Result
Emission:		
Radiated emissions (broadband, narrowband)	ECE R 10 Rev. 6 Appendix 7 + 8	PASS
Conducted transient emission	ECE R 10 Rev. 6 Appendix 10	PASS
Interference immunity:		
Immunity to electromagnetic radiation	ECE R 10 Rev. 6 Appendix 9	PASS
Immunity to transients on supply lines	ECE R 10 Rev. 6 Appendix 10	PASS

Explanation:

PASS – The EUT meets the test requirements. FAIL – The EUT does not meet the requirements N/A – Test is not applicable

Evaluation:

The Equipment under Test (EuT) meets the EMC requirements of the ECE R10 in the above listed specification.

Period of test: 2022-10-22 - 2022-12-22

This test report with Appendix consists of **25** pages.

1. General information on the test item(s)

Description: battery management system
Model: G1 BMS
Serial no.: see chapter 3.1
Manufacturer/Customer: EMUS, UAB
Contact person: Mr. Vaidotas Rutkauskas
Date of receipt of test items: 2022-05-30

Brief description:



EMC conformity test of a battery management system for use in vehicle application. The system is available in 2 basic configuration (CCGM and CGM). Both configurations were tested. The test scope was defined by the manufacturer.

Steps to EMC, suppressions:

- none

Participant in the tests: none

Responsible for the technical content of the test report:

	Name	Signature
Tested by	Jens Vilöhr	
Approved by	Andreas Schenk	

Note:

The CEcert GmbH assures the applicant that the tests are carried out within the scope of the tests outlined under point 2 and in accordance with the test specifications outlined under point 3. Any exceptions or deviations will be clearly indicated.

The results contained in this test report are relevant exclusively to the item(s) submitted for testing. The CEcert GmbH is not liable for any conclusions and generalizations which may be drawn from the test results and applied to further samples and examples of the type of device represented by the item submitted for testing.

This report may only be reproduced or published in its entirety. Written permission must be obtained from the CEcert GmbH prior to the reproduction or publishing of extracts.

Report history Log:

Ref.	Date of issue	Comment	Approved by
421.197.1 Rev.0	2022-12-22	first certification	Andreas Schenk