TEST REPORT

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Test Report Number: SKT-EFC-170004
Date of issue: March 7, 2017

Applicant:	**Brigade Electronics Group PLC** Brigade House, The Mills Trading Estate, Station Road, South Darenth, Kent, DA4 9BD, United Kingdom
Manufacturer:	**Brigade Electronics Group PLC** Brigade House, The Mills Trading Estate, Station Road, South Darenth, Kent, DA4 9BD, United Kingdom
Product:	BackEye Vehicle CCTV
Model:	**BE-821C** (please see P5 for all the model numbers)
Project number:	SKTEU17-0166
EUT received:	February 22, 2017
Applied standards:	ANSI C63.4-2014
Rule parts:	FCC Part 15 Subpart B - Unintentional radiators ICES-003, Issue 6, January 2016
Equipment Class:	Class B digital devices

Remarks to the standards: None

The above equipment has been tested by SK Tech Co., Ltd., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product or system, which was tested.

D.Y. La / **Testing Engineer**

J.S. Yoon / **Technical Manager**

Revision History of Test Report

Rev.	Revisions	Effect page	Approved by	Date
-	Initial issue	All	J.S. Yoon	Mar. 7, 2017

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1 Summary of test results

☒ **class B equipment**

Requirement	Rule section	Result
AC Power line conducted emission	FCC Part 15, Subpart B, Section 15.107(a) ICES-003, Section 6.1, Table 2	N/A
Radiated emissions below 1 GHz	FCC Part 15, Subpart B, Section 15.109(a) ICES-003, Section 6.2.1, Table 5	Meets the requirements
Radiated emissions above 1 GHz	FCC Part 15, Subpart B, Section 15.109(a) ICES-003, Section 6.2.2, Table 7	Meets the requirements

Note: *The EUT is operated from the battery installed in vehicles, and therefore the test suites related to AC Mains port were not applicable.*

2 Description of equipment under test (EUT)

Product:	BackEye Vehicle CCTV
Model:	**BE-821C**
Serial number:	None (prototype)

Model differences:

Model name	Difference	Tested (checked)
BE-821C	fully tested model that was provided by the applicant	☒
BE-821C(XXX)	listed without the tests by the applicant requests	
BE-823C	listed without the tests by the applicant requests	
BE-823C(XXX)	listed without the tests by the applicant requests	

Note: *All the differences were compared with the test sample. The tested model BE-821C was used for NTSC, Mirror image and the variant model BE-823C was used for NTSC, Normal image. Where (XXX) represented other associated variant.*

Technical data:

Rated voltage	DC 12 V (powered from the lead-acid battery installed in a vehicle)
Rated frequency	-
Voltage during the Test	DC 12 V (Note)
Frequency during the Test	-
AC power input cord type	-

Note: The EUT was powered from Rear view monitor that was connected to the battery

I/O port	Type	Q'ty	Remark
DC power input and Video output	4-Pin DIN	1	

Internal Clock Frequency	-

Note: *The information on the internal clock frequency mentioned above was supplied by the applicant.*

Modification of EUT during the compliance testing: none