



198 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technological
Development District, Guangzhou, China 510663
Telephone: +86 (0) 20 82155555
Fax: +86 (0) 20 82075059
Email: sgs_internet_operations@sgs.com

Report No.: GZEM110500170301
Page: 1 of 16

TEST REPORT

Application No:	GZEM1105001703HS
Applicant:	Brigade Electronics plc
Product Name:	Ultrasonic detection system
Product Description:	Ultrasonic detection system
Model No.:	SS-4000W, CS-3000, ST-2000. *
*	Please refer to section 3 of this report which indicates which item was actually tested and which were electrically identical.
Standards:	FCC PART 18: 2009
Date of Receipt:	2011-05-25
Date of Test:	2011-06-16
Date of Issue:	2011-06-17
Test Result :	Pass*

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



2011 June

Richard Li
Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.



3 Test Summary

Electromagnetic Interference (EMI)				
Test	Test Requirement	Test Method	Class / Severity	Result
Field Strength (9KHz to 30MHz)	FCC PART 18: 2009	FCC OBT/ MP-5:1986	18.305(b) 18.309(a)	PASS
Remark:				
*Model No.: SS-4000W , CS-3000, ST-2000.				
According to the confirmation from the applicant, since the electrical circuit design, layout, components used and internal wiring were identical for the above models, only difference being the number of detectors. Therefore only one model SS-4000W was tested in this report.				