



# Test Report

FORMOSA21 INC.  
8F-6, NO. 351, CHUNG SHAN RD., SEC. 2, CHUNG HO  
CITY, TAIPEI, TAIWAN, R. O. C.

Report No. : CE/2006/66254A  
Date : 2006/06/30  
Page : 1 of 5



**The following merchandise was (were) submitted and identified by the client as :**

Sample Description : VPON NETWORK DVR ON CHIP / VP-40 CAPTURE CARD  
Style/Item No : VP-100 / VP-40  
Sample Received : 2006/6/19  
Testing Period : 2006/6/19 TO 2006/06/30

**Test Result(s)** : - Please see the next page(s) -

  
Daniel Yeh, M.R. / Operation Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在[www.sgs.com](http://www.sgs.com)中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW3616077



# Test Report

FORMOSA21 INC.  
8F-6, NO. 351, CHUNG SHAN RD., SEC. 2, CHUNG HO  
CITY, TAIPEI, TAIWAN, R. O. C.

Report No. : CE/2006/66254A

Date : 2006/06/30

Page : 2 of 5



## Test Result

PART NAME NO.1 : MIXED ALL COMPONENTS OF PCB  
PART NAME NO.2 : GREEN PCB(MIXED ALL PARTS)  
PART NAME NO.3 : BLACK PLASTIC

Test Item (s):	Unit	Method	MDL	Result		
				No.1	No.2	No.3
<b>PBBs (Polybrominated biphenyls)</b>	---	---	---	---	---	---
Monobromobiphenyl	%	With reference to USEPA3540C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	N.D.	N.D.
Dibromobiphenyl	%		0.0005	---	N.D.	N.D.
Tribromobiphenyl	%		0.0005	---	N.D.	N.D.
Tetrabromobiphenyl	%		0.0005	---	N.D.	N.D.
Pentabromobiphenyl	%		0.0005	---	N.D.	N.D.
Hexabromobiphenyl	%		0.0005	---	N.D.	N.D.
Heptabromobiphenyl	%		0.0005	---	N.D.	N.D.
Octabromobiphenyl	%		0.0005	---	N.D.	N.D.
Nonabromobiphenyl	%		0.0005	---	N.D.	N.D.
Decabromobiphenyl	%		0.0005	---	N.D.	N.D.
<b>Total PBBs (Polybrominated biphenyls)/Sum of above</b>	%		-	---	N.D.	N.D.
<b>PBBEs(PBDEs) (Polybrominated biphenyl ethers)</b>	---	---	---	---	---	
Monobromobiphenyl ether	%	With reference to USEPA3540C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	N.D.	N.D.
Dibromobiphenyl ether	%		0.0005	---	N.D.	N.D.
Tribromobiphenyl ether	%		0.0005	---	N.D.	N.D.
Tetrabromobiphenyl ether	%		0.0005	---	N.D.	N.D.
Pentabromobiphenyl ether	%		0.0005	---	N.D.	N.D.
Hexabromobiphenyl ether	%		0.0005	---	N.D.	N.D.
Heptabromobiphenyl ether	%		0.0005	---	N.D.	N.D.
Octabromobiphenyl ether	%		0.0005	---	N.D.	N.D.
Nonabromobiphenyl ether	%		0.0005	---	N.D.	N.D.
Decabromobiphenyl ether	%		0.0005	---	N.D.	N.D.
<b>Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above</b>	%		-	---	N.D.	N.D.
<b>Total of Mono to Nona-brominated biphenyl ether. (Note 4)</b>	%	-	---	N.D.	N.D.	

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在 [www.sgs.com](http://www.sgs.com) 中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW 3609348



# Test Report

FORMOSA21 INC.  
 8F-6, NO. 351, CHUNG SHAN RD., SEC. 2, CHUNG HO  
 CITY, TAIPEI, TAIWAN, R. O. C.

Report No. : CE/2006/66254A  
 Date : 2006/06/30  
 Page : 3 of 5



Test Item (s):	Unit	Method	MDL	Result		
				No.1	No.2	No.3
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	N.D.	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	12.5	N.D.	6.1

- NOTE: (1) N.D. = Not Detected (<MDL)  
 (2) ppm = mg/kg  
 (3) MDL = Method Detection Limit  
 (4) Decabromobiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.  
 (5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.  
 (6) " - " = Not Regulation  
 (7) " --- " = Not Applicable

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在[www.sgs.com](http://www.sgs.com)中查閱。將本公司之義務、免責、管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW3616079

## Test Report

FORMOSA21 INC.  
8F-6, NO. 351, CHUNG SHAN RD., SEC. 2, CHUNG HO  
CITY, TAIPEI, TAIWAN, R. O. C.

Report No. : CE/2006/66254A  
Date : 2006/06/30  
Page : 4 of 5



This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在[www.sgs.com](http://www.sgs.com)中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW3616080

## Test Report

FORMOSA21 INC.  
8F-6, NO. 351, CHUNG SHAN RD., SEC. 2, CHUNG HO  
CITY, TAIPEI, TAIWAN, R. O. C.

Report No. : CE/2006/66254A

Date : 2006/06/30

Page : 5 of 5



\*\* End of Report \*\*

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在[www.sgs.com](http://www.sgs.com)中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW3616081