亞 驪 企 業 有 限 公 司 ARISTOTLE ENTERPRISES

承認申請書

客戶名稱:

智邦科技股份有限公司

Customer

廠商料號:

RFA-02-C2M2-M32-1

Part No.

品名:

2.4GHz,2.5dBi

Description

圖號:

RFA-02-C2M2-M32-1.DWG

Drawing No.

客戶料號:

Drawing No.

出廠簽章:

MARKA 1		
檢 查 TEST BY	核 對 CHECK BY	承 認 APPROVE BY
周沂珮	黄秋芳	廖焕文

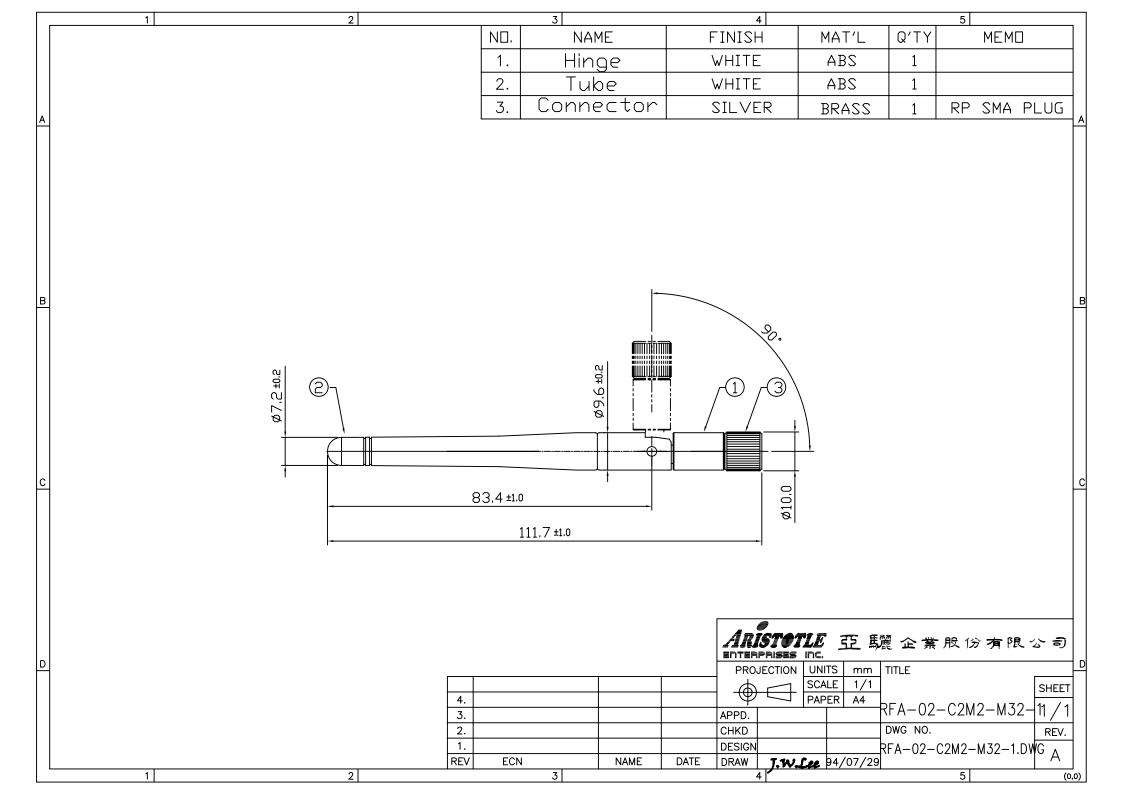
承認簽章:

檢 TEST BY	核 對 CHECK BY	承 認 APPROVE BY

地址:台北縣中和市莒光路 63 號 8 樓

電話:02-2225-8209 傳真:02-2225-7523

表單編號: QP-0603-F02 版本: A



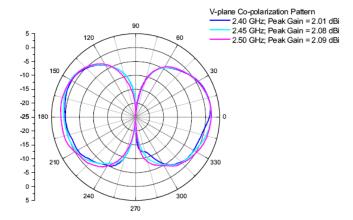


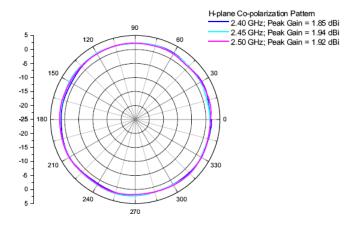


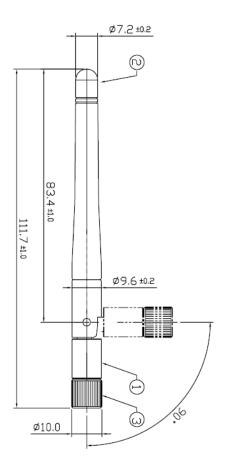
RFA-02-C2M2-M32-1

Specifications

Frequency range	2400 MHz – 2500 MHz
Antenna gain	2.5 dBi
VSWR	2.0 : 1 Max.
Polarization	Linear, vertical
Impedance	50 Ω
Temperature	- 10°C to +55°C
Weight	10g
Connector	R SMA PLUG













Advance Data Technology Corporation : 建信科技股份有限公司 http://www.act.com.tw/ E-mail:se.n/ice@act.com.tw/

Tel (03) 318-3232 Fax (03) 318-5050 Tel (03) 327-0910 Fax (03) 327-0892 Tel (03) 593-5343 Fax (03) 593-5342

Hwa Ya Lab : No.19, Hwa Ya 21d RD, Kiek har, Taoyilar, Talwar, R.O.C.

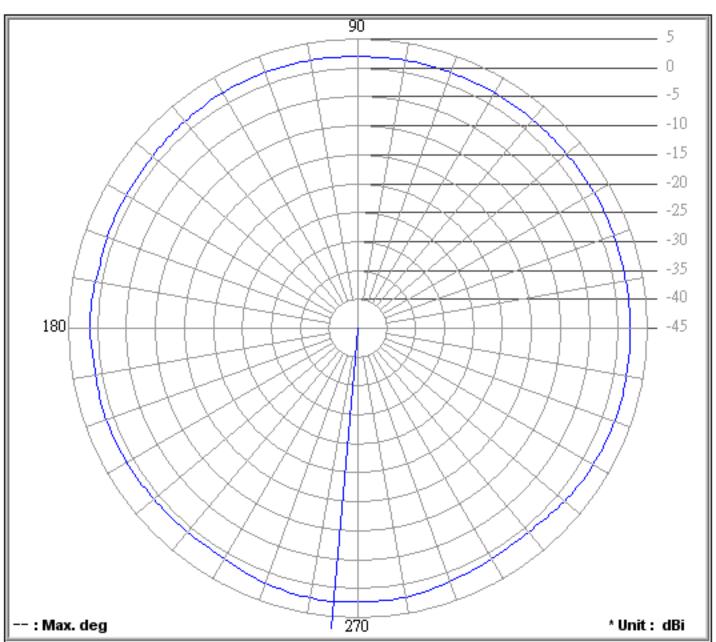
Tayran Lab : 13-1 Lare 19, Wer Shar 3rd St., Krekhar, Taoyran, Talwan, R.O.C. Historia Lab: 81-1 Lullackeng, 9th Lin, Wulung Tanen, Chilunglin, Historia, Talwan, R.O.C.

Brand / Model : C2M2-L061-1

Remark: Sample No. Tested by : LORI

Time: 下午 01:36:48 Location: RF CHANBER 3 Date: 2008/8/11

Temperature (°C'): 25 Humidity (%): 75 Approved by:



2400.00 Antenna Polarity: Vertical Frequency (MHz): Average Value (dBi): 1.70

Maximum Value (dBi): 2.40 Maximum Value (degree): 265

Minimum Value (dBi): 0.89 Minimum Value (degree): 233

V6.2



Advance Data Technology Corporation : 建信科技股份有限公司 http://www.act.com.tw/ E-mail:se.n/ice@act.com.tw/

Tel (03) 318-3232 Fax (03) 318-5050

Tel (03) 327-0910 Fax (03) 327-0892 Tel (03) 593-5343 Fax (03) 593-5342

Hwa Ya Lab : No.19, Hwa Ya 21d RD, Kiek har, Taoyilar, Talwar, R.O.C.

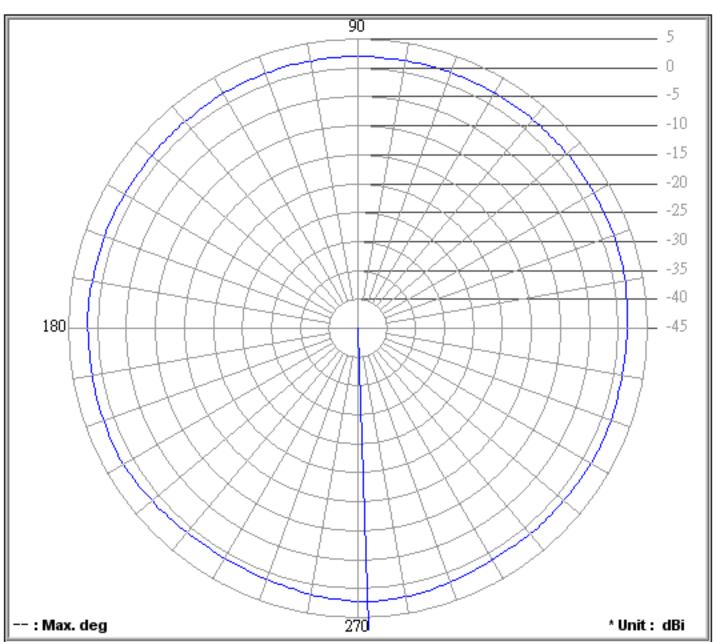
Tayran Lab : 13-1 Lare 19, Wer Shar 3rd St., Krekhar, Taoyran, Talwan, R.O.C. Historia Lab: 81-1 Lullackeng, 9th Lin, Wulung Tanen, Chilunglin, Historia, Talwan, R.O.C.

Brand / Model : C2M2-L061-1

Remark: Sample No. Tested by : LORI

Time: 下午 01:50:05 Location: RF CHANBER 3 Date: 2008/8/11

Temperature (°C'): 25 Humidity (%): 75 Approved by:



2450.00 Antenna Polarity: Vertical Frequency (MHz): Average Value (dBi): 1.69

Minimum Value (degree): 239

Maximum Value (dBi): 2.26 Maximum Value (degree): 272

D:\Antenna Pattern V5\Graph\0811\08110013.png

Minimum Value (dBi): 0.89

V6.2



Advance Data Technology Corporation : 建信科技股份有限公司 http://www.act.com.tw/ E-mail:se.n/ice@act.com.tw/

Tel (03) 318-3232 Fax (03) 318-5050

Tel (03) 327-0910 Fax (03) 327-0892 Tel (03) 593-5343 Fax (03) 593-5342

Hwa Ya Lab : No.19, Hwa Ya 21d RD, Kiek har, Taoyilar, Talwar, R.O.C.

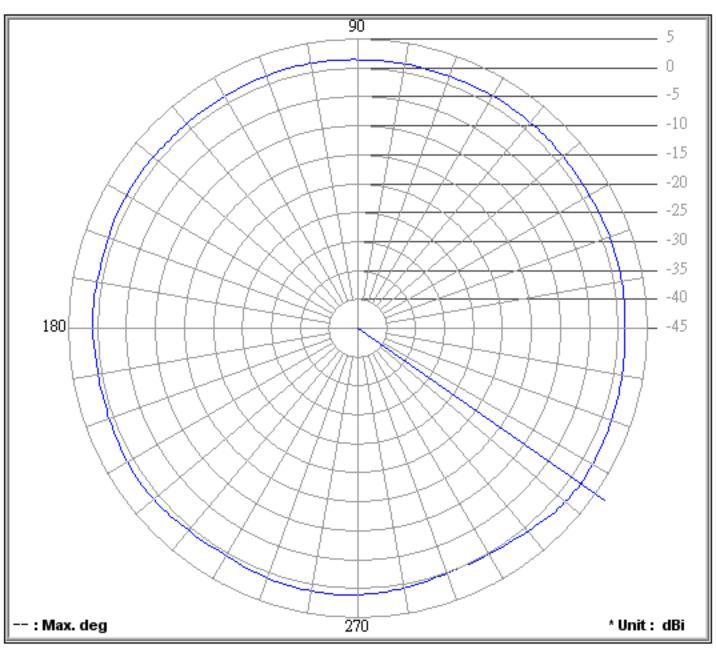
Tayran Lab : 13-1 Lare 19, Wer Shar 3rd St., Krekhar, Taoyran, Talwan, R.O.C. Historia Lab: 81-1 Lullackeng, 9th Lin, Wulung Tanen, Chilunglin, Historia, Talwan, R.O.C.

Brand / Model : C2M2-L061-1

Remark: Sample No. Tested by : LORI

Time: 下午 02:03:47 Location: RF CHANBER 3 Date: 2008/8/11

Temperature (°C'): 25 Humidity (%): 75 Approved by:

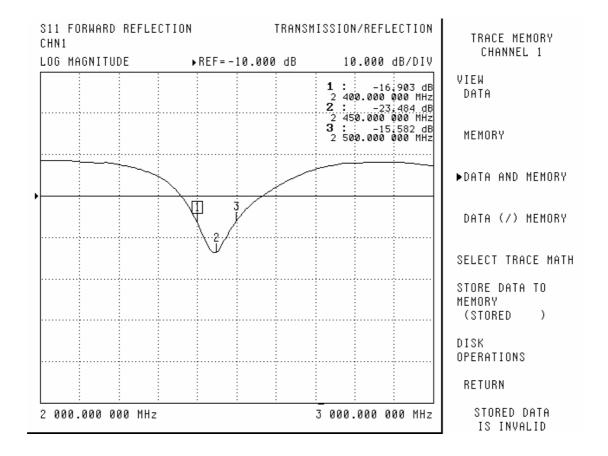


2500.00 Antenna Polarity: Vertical Frequency (MHz): Average Value (dBi): 1.10

Maximum Value (dBi): 1.87 Maximum Value (degree): 325

Minimum Value (dBi): -0.00 Minimum Value (degree): 294

V6.2



亞驪企業股份有限公司

文件 編號	QP-11	105	文件 名稱	C065—RFA-02-C2M2-M32-1 包裝規範					發行 版本	A	頁次	1
客戶代號:		C065		成品單重	1	10g	最小包裝	10pcs		8 號 2	夾鏈袋	
客戶料號/出	品名:			紙板料號	F	PCA007(42.5*40.5cm)	中包裝	50pcs		A4(3	1*29cm)	
亞驪料號/	品名:	RFA-02-0	C2M2-M32	-1 紙板數量/放置位	置 3	3個/天中地	大包裝	500pcs		10 包	LA4 中袋	
相關配件				紙箱料號	F	PCA007(43.5*26*24cm)	備註					



元祥金屬工業股份有限公司材質證明-黃銅

YUANG-HSIAN METAL INDUSTRIAL CORP.

市 5 0 0 4 2 水 路 彰 1 7 5 化 號 175, CHANG SHOEI ROAD, CHANG HUA TAIWAN R.O.C

TEL:(04)7524626-8 FAX:886-4-7611717

試驗報告表

TEST REPORT

供應商	i名稱		茂豐精	密工業股份有	有限公司		日期:	95年	三05月08日
vendor	name		Mawfong	Precision Industr	ial Co., Ltd.		DATE	2000	5.05.08
試材名			銅合金	合金編號	C360)4BD	試材編號		
Mater			Copper Alloys	Alloys No.	0300	TDD	Material No.		
化点	學試	驗	(Chemical '	Testing)					
試驗 Experimental		X—́я́	泉光譜分析法	(X one line spe	ectra analys	is method)			
使用儀器 Instrumentat		X光電	電腦分析儀(V.	ACUUM X RA	AY SPECT	ROGRAPH)		
	素名稱 ent name		標準含量(%) Standard contents			素名稱 ment name			試片含量(%) Sample contents
銅	(Cu)		57.0-61.0	58.8 <u>+</u> 0.1	鐵	(Fe)	<	(0.5	0.3 <u>+</u> 0.1
鋅	辛 (Zn)		REM	REM	矽	(Si)			
錫	(Sn)		Fe+Sn<1.2	0.3 <u>+</u> 0.1	錳	(Mn)			
鉛	(Pb)		1.8-3.7	3.3 <u>+</u> 0.1	銻	(Sb)			
鎳	(Ni)				鋁	(Al)			
磷	(P)				其他	(Others			
備		DLA.	.5.5mm						
註 (Rema									
分析 (Analyze a			蔡聰	銘	主管 (Supervisor)		張圆	划柯	

QM-OCT-4-002A

INSPECTION CERTIFICATE

台灣省推廣縣楊極徽尼縣科 R 軟

No.8, Ming Lung Road, Yang Mei Chen,

Tao Yuan Hsien, Taiwan

TEL: 886-3-472-8788 FAX: 886-3-472-8789

Customer:

亞松貿易有限公司

Your PYO No:

Date

2008/1/9

Specification:

C5210R-H JIS H3130(2007)

Our Order No-

Your Part No:

Weight

			ON OLDOTTAL.		TOM TRIFT	TO.		WEIGIR.	ULL	ž.
	Standard		Property Test							
Lot No.	Diament	Yield strength (Kg/mmi)	Tensile strength (Kg/mm²)	Young's strength (Kg/mmi)	Blongation (%)	Hardness (Hv 3)	Conductivity (%IACS)	Fend Test Bai way(180)	Grain Size	Weight
	Dimension		60 ~ 72	(221 1	≥ 20	190 - 210	_	R/T=1.5 No Orack	≤ C.C1	(Kg)
\$7B-96H0496-2	0.2 x 380	56.35	63.1	13487	25	200-202	13	Good	0.01	(
										
		1				niana				

Standard	Composition (wt%)							1	Dimension		
Lat No.	Ca	So	P	Zı.	Pe	Pb	Roughness Ru(um)	Sur	Thickness(meg)	Width(mm)	
LOR TWA	-	7~9	0.09 ~ 0.35	≤ 0.2	0 ≤ 0.1	0 ≨ 0.009	≤ 0.15		0.19 - 0.21	379.8 ~ 380.2	
STB-9900496-2	92.1488	7,7239	0.0832	0.0019	0.0152	0.003	0.096	Good	0.2	380	
			_i				1				
							-	-	T	!	
								1			

- Remark: 1. Mechanical properties shall be determined in accordance with ASTM E8 · ISO 6892 «
 - 2. Conducivity shall be determined in accordance with ISO 1337 -
 - 3. The results shown in the certificate refer only to the specimens of the lot number stated above and the contents are issued for reference only.
 - 4. This certificate cannot be reproduced, except in full, without prior written permission of this company. Any unauthorized alteration, forgery or falsification of the content or appearance of this certificate is unlawful and offenders may be prosecuted to the fullest extent of the law.



Aproved by

Checked by :



KAOHSIUNG PLANT Q.C. LABORATORY TEST REPORT

Report No.: LLD-C-071924

Requested by: 冠勤公司

Report Date : 2007/9/11

Object of this report: Certificate of PE resin quality

LH606
791588
0.961
5.6
7013821
E TIFICA T

Chemist:

林良课

Approved:

)

曾 瀬 龍

FEOM :

2008 Mar 07 2:18PM

I Ax fos .



聖的化學工業原料行力橋國際有限公司

SENDANEX CHEMICAL INDUSTRY & RICHEMAX INTERNATIONAL CO., LTD. TEL: (02)2290-0950 台北縣五股鄉 248五二五路 32 之 1號(五股工業區) FAX: (02)2290-1138 No.32-1, Wugang 5th Rd., Wugu Township, Talpei County 248, Taiwan (R.O.C.)

產品檢驗報告

產品名稱: GS-228 BTR

產品批號: GH41016071

進貨日期:96.10.16

製造日期: 2007/10

報告編號: R07101702

數量: 60 L

檢驗日期:96.10.16

保存期限: 2008/10

_	檢驗項目	標準值	檢驗結果	備	甜
	外觀	粉紅色澄清液	PASS	1111	,,
-	pH 值	4~7	5.87	+	
	比重(波美)	1-5	1	-	
	鈳	<2	<2	-	
金月	绵	<2	2	-	
不	鉛	<0.5	<0.5		-
纯	载	<0.5	<0.5	-	
始	鋅	<0.5	<0.5	-	
	绵	<0.01	ND	-	
	總絡	<0.2	ND	-	VII.
を質	悬浮固體	<2	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		
	氣離子	<0.5	<0.5		
	硫酸根	<5			
	片 test结果: PA		<		

備註:

- (1),本表檢驗結果僅對送檢驗樣品負責:請惠予參考。
- (2). 樣品保存期限自檢驗日起30天。
- (3).本報告不得摘錄複製。

核准:

检验員: JAB



FROM :

聖的化學工業原料行 力橋國際有限公司

SENDANEX CHEMICAL INDUSTRY & RICHEMAX INTERNATIONAL CO., LTD. TEL: (02)2290-0950 台北縣五股鄉 248五工五路 32 之 1號 (五股工業區) FAX: (02)2290-1138 No.32-1, Wugong 5th Rd., Wugu Township, Taipei County 248, Taiwan (R.O.C.)

產品檢驗報告

產品名稱: GS-228 M/U

產品批號: GH10306081

進貨日期: 97.03.06

製造日期: 2008/03

報告編號: R08030606

數 量: 60 L

檢驗日期: 97.03.06

保存期限: 2009/03

檢驗項目	標準值	檢驗結果	備註
外 觀	淡粉紅色澄清液	PASS	M az
pH 值	3.8~4.5	4.38	
比重(波美)	13~15	15	
金 妍	ND	ND	
4 無	ND	ND	
不	ND	ND	
始蜂	ND	ND	
绅	ND	ND	
5%	ND	ND	
總絡	ND	ND	

備註:

- (1).本表檢驗結果僅對送檢驗樣品負責,請惠予參考。
- (2). 樣品保存期限自檢驗日起30天。
- (3).本報告不得摘錄複製。





SPECIFICATION FOR APPROVAL

DOCUMENT: A30178B001

STYLE: 200° C 30V

RG-178B/U

SIZE: 7/0.102 SCCS

RECOGNIZED:

WONDERFUL WIRE CABLE CO.,LTD

OFFICE: 72WU KONG 6TH ROAD, FACTORY: 17 PEI YUAN ROAD,

WU KU IND. DISTRICT CHUNG-LI IND. PARK TAIPEI HSIEN, TAIWAN TAIWAN, R.O.C.

TEL: (02)22988033 TEL: (03)4527777 FAX: (02)22988031-2 FAX: (03)4517214

SPECIFICATION

STYLE	200°C 30V	DOCUN	MENT NO:
STILE	COAXIAL	A30178	B001
CIZE	DC 179D/II	ESTABI	LISHED DATE:
SIZE	RG-178B/U	2000/06	/29
STANDARI	D : MIL-C-17		
	Size	AWG	30
	Material		Silver-Coated Copper
Conductor	Matchai		Clad Steel
	Conductors No.		7
	Conductors Size	mm	0.102
	O.D.	mm	0.30
	Average Thickness	mm	0.28
Insulation	Diameter	mm	0.86
	Material		FEP
	Color		Clear
Braid	Material		Silver-Coated Copper
Dialu	Construction	mm	16 / 3 / 0.10
	Coverage	%	95
	Average Thickness	mm	0.25
Jacket	Diameter	mm	1.80 ±0.05
	Material		FEP
	Color		Brown
Marking	M17/93-RG178B/U WON	DERFUI	L
Drawing			

AK001/210X297/1.0 PAGE : 1

EDITION: 1.0 REVISED DATE: MAKER: CONFIRM: APPROVAL:

WONDERFUL WIRE CABLE CO., LTD

SPECIFICATION

Electrical	Electrical & Physical Properties								
Item					RG-178B/U				
Rating Ter	np Volta	ge			200°C	30V			
Conductor Resistance					838.0	OHM/K	M/20°C I	MAX.	
Insulation Resistance					100 M	IEGA OH	M/KM MI	IN.	
Dielectric Strength					AC 1.	0 KV/Min	ute		
Spark Test					0.5 KV	V			
	Unaged	Ten	sile Streng	gth	2500 I	PSI MIN.(1.76 Kg /	m m²)	
Insulation			Elongation			MIN.			
	Aged	Ten	Tensile Strength UNAGED MIN.75%(168HRS×232°					RS×232°C)	
	Ageu	Elongation			UNAGED MIN.75%(168HRS×232°C)				
	Unagad	Tensile Strength			2500 PSI MIN.(1.76 Kg / m m²)				
Jacket	Unaged	Elongation			200% MIN.				
	Agad	Ten	sile Streng	gth	UNAGED MIN.75%(168HRS×232°C				
	Aged	Elo	ngation		UNAGED MIN.75%(168HRS×232°C)				
Nom. Imp	edance				50 Oh	ms			
VSWR					MAX.	. 1.3 at 0.4	G~3GHz		
Nom. Vel.	Nom. Vel. of Prop.					69.5%			
Flame Tes	t				VW-1 OK				
Attenuation	on 50M	Hz	100MHz	40	0MHz	900MHz	1.8GHz	3GHz	
(dB/100m	34.	4	45.9	Ģ	91.8	139.4	207.5	308.2	

AK001/210X297/1.0 PAGE : 2

EDITION: 1.0 REVISED DATE:

MAKER: CONFIRM: APPROVAL:

Rohs Report Index-**RFA-02-C2M2-M32-1**

	NAME	供應商	RoHS report
1	Housing/Hinge-PA757	CHI MEI CORPORATION	KA/2007C2081
2	CONNECTOR		
2-1	BRASS	新泰伸科技股份有限公司	CE/2007/95060
2-2	端子	新泰伸科技股份有限公司	CE/2007/95061
2-3	HDPE	台灣聚合化學品股份有限公司	KA2007/C11500A-01
3	CABLE-RG178	WONDERFUL HI-TECH CO., LTD.	CE/2007/C7040



No.: KA/2007/C2081

Date: 2008/01/02 Page: 1 of 5

CHI MEI CORPORATION. 59-1 SAN CHIA, JEN TE TAINAN COUNTY, TAIWAN.

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description

ACRYLONYTRILE-BUTADIENE-STYRENE COPOLYMER

Style/Item No.

: POLYLAC® PA-757

Color

NATURE

Sample Receiving Date

2007/12/20

Testing Period

2007/12/20 TO 2008/1/2

Test Requested

: In accordance with the RoHS Directive 2002/95/EC, and its

amendment directives.

Test Method

With reference to US EPA 3052 for Cadmium Content. Analysis was (1)

performed by ICP-AES.

(2) With reference to US EPA Method 3052 for Lead Content. Analysis

was performed by ICP-AES.

With reference to US EPA Method 3052 for Mercury Content.

Analysis was performed by ICP-AES.

With reference to IEC 62321, Ed.1 111/54/CDV. Determination of

Hexavalent Chromium for non-metallic samples by UV/Vis

Spectrometry.

With reference to US EPA 3540C for PBBs/PBDEs Content. Analysis

was performed by GC/MS.

Test Result(s)

Please refer to next page(s).

Katherine Ho / Supervisor Signed for and on behalf of SGS Taiwan Limited

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at 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 test report cannot be reproduced, except in full, without prior written permission 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扩定之通用服務條款所製作發放,關注意此條款列印於背面,亦可在www.sgs.com中查閱。將本公司之義務,免費,管轄櫃皆明確規範之。除非另有說明,此報告結果櫃對檢驗之樣品負責。本報告未經本公司借值許可,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、僞造、蠶改皆屬非法,違犯者將會被依法追訴。

TW5950925



No.: KA/2007/C2081

Date: 2008/01/02 Page: 2 of 5

CHI MEI CORPORATION. 59-1 SAN CHIA, JEN TE TAINAN COUNTY, TAIWAN.

Test results by chemical method (Unit: mg/kg)

Toot Itom (a)	Method	Result	1401
Test Item (s):	(Refer to)	No.1	MDL
Cadmium (Cd)	(1)	n.d.	2
Lead (Pb)	(2)	n.d.	2
Mercury (Hg)	(3)	n.d.	2
Hexavalent Chromium Cr(VI) by alkaline	(4)	n.d.	2
extraction			
Sum of PBBs		n.d.	-
Monobromobiphenyl		n.d.	5
Dibromobiphenyl		n.d.	5
Tribromobiphenyl		n.d.	5
Tetrabromobiphenyl		n.d.	5
Pentabromobiphenyl		n.d.	5
Hexabromobiphenyl]	n.d.	5
Heptabromobiphenyl		n.d.	5
Octabromobiphenyl]	n.d.	5
Nonabromobiphenyl		n.d.	5
Decabromobiphenyl]	n.d.	5
Sum of PBDEs (Mono to Nona)(Note 4)	(5)	n.d.	
Monobromobiphenyl ether		n.d.	5
Dibromobiphenyl ether	}	n.d.	5
Tribromobiphenyl ether		n.d.	5
Tetrabromobiphenyl ether]	n.d.	5
Pentabromobiphenyl ether		n.d.	5
Hexabromobiphenyl ether		n.d.	5
Heptabromobiphenyl ether	}	n.d.	5
Octabromobiphenyl ether		n.d.	5
Nonabromobiphenyl ether		n.d.	5
Decabromobiphenyl ether]	n.d.	5
Sum of PBDEs (Mono to Deca)		n.d.	<u>-</u>

TEST PART DESCRIPTION:

NO.1

: NATURE PLASTIC PELLETS

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at 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 test report cannot be reproduced, except in full, without prior written permission 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订定之通用服務條款所製作發放,關注意此條款列印於背面,亦可在www.sgs.com中查閱。將本公司之義務,免費,管轄權皆明確規範之。除非另有說明,此報告結果恆對檢驗之樣品負責。本報告未經本公司哲面許可,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、僞造、實改皆關非法,違犯者將會被依法追訴。

TW5950924



No.: KA/2007/C2081

Date: 2008/01/02 Page: 3 of 5

CHI MEI CORPORATION. 59-1 SAN CHIA, JEN TE TAINAN COUNTY, TAIWAN.

Note: 1. mg/kg = ppm

2. n.d. = Not Detected

3. MDL = Method Detection Limit

4. According to 2005/717/EC DecaBDE is exempt.

5. " - " = Not Regulated



No.: KA/2007/C2081

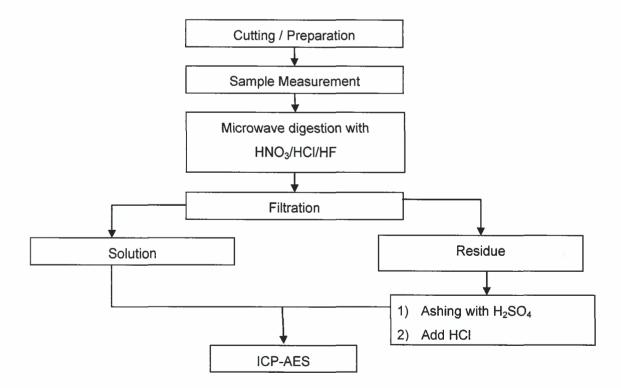
Date: 2008/01/02 Page: 4 of 5

CHI MEI CORPORATION. 59-1 SAN CHIA, JEN TE TAINAN COUNTY, TAIWAN.

Per requirements of SONY QAR-05-002:

- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
- 2) Name of the person who made measurement: Hungming Li
- 3) Name of the person in charge of measurement: George Huang

Flow Chart of Digestion for Plastic -EPA3052 for Pb . Cd (residue left)



This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com.new.gov/ww.sgs.com.new.gov/www.sgs.com.new.gov/ww.sgs.com.n

TW 5950922



No.: KA/2007/C2081

Date: 2008/01/02 Page: 5 of 5

CHI MEI CORPORATION. 59-1 SAN CHIA, JEN TE TAINAN COUNTY, TAIWAN.



** End of Report **

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at 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 test report cannot be reproduced, except in full, without prior written permission 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。本報告未經本公司哲面許可,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、僞造、寫改皆屬非法,違犯者將會被依法追訴。

TW5950921



測試報告 Test Report

號碼(No.): CE/2007/95060 日期(Date): 2007/10/02 頁數(Page): 1 of 6

新泰仲科技股份有限公司 HTS TECHNOLOGY CO., LTD. 326 桃園縣楊梅鎮民隆路8號

8, MING LUNG RD., YANG MEI JEN, TAO YUAN, TAIWAN 326, R. O. C.

以下測試樣品係由客戶送樣, 且由客戶聲稱並經客戶確認如下 (The following samples was/were submitted and identified by/on behalf of the client as):

様品名稱(Sample Description) : 黄銅(BRASS) 收件日期(Sample Receiving Date) : 2007/09/26

測試期間(Testing Period) : 2007/09/26 TO 2007/10/02

測試需求(Test Requested)

: 參照 RoHS 2002/95/EC 及其修定指令要求. (In accordance with the RoHS Directive 2002/95/EC, and its amendment directives).

測試方法(Test Method)

: 参考IEC 62321, Ed. 1 111/54/CDV方法檢測. (With reference to IEC 62321, Ed.1 111/54/CDV. Procedures for the Determination of Levels of Regulated

Substances in Electrotechnical Products).

- 用感應稿合電漿原子發射光譜儀檢測鍋含量. / Determination of Cadmium by ICP-AES.
- (2) 用感應藉合電漿原子發射光譜儀檢測鉛含量. / Determination of Lead by ICP-AES.
- (3) 用感應藕合電漿原子發射光譜儀檢測汞含量. / Determination of Mercury by ICP-AES.
- (4) 針對金屬材質之樣品,用Spot test / Colorimetric方法檢測六價絡含量./ Determination of Hexavalent Chromium for metallic samples by Spot test / Colorimetric Method.
- (5) 以氣相層析儀/質譜儀檢測多溴聯苯和多溴聯苯醚含量. / Determination of PBB and PBDE by GC/MS.

測試結果(Test Results)

: 請見下一頁 (Please refer to next pages).

結論(Conclusion)

根據客户所提供樣品的測試結果,符合RoHS(2002/95/EC)及其修定指令之要求 (Based on the performed tests on submitted samples, the test results are compliant with the limits of RoHS Directive 2002/95/EC and its subsequent amendments).

Chenyu Kung / Operation Manager Signed for and on behalf of SGS TAIWAN LTD.

Chemical Laboratory - Taipei



測試報告 **Test Report**

號碼(No.): CE/2007/95060 日期(Date): 2007/10/02 頁數(Page): 2 of 6

新泰仲科技股份有限公司

HTS TECHNOLOGY CO., LTD. 326 桃園縣楊梅鎮民隆路8號

8, MING LUNG RD., YANG MEI JEN, TAO YUAN, TAIWAN 326, R. O. C.

測試結果(Test Results) 單位(Unit): mg/kg

測試項目	測試方法 Method (Refer to)	結果 (Result) No.1	方法偵測 極限値 (MDL)	RoHS 限値 (Limit)
(Test Items)				
鎬 / Cadmium (Cd)	(1)	n.d.	2	100
舒 / Lead (Pb)	(2)	17	2	1000
录 / Mercury (Hg)	(3)	n.d.	2	1000
六價鉻 / Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(4)	Negative	See Note 5	#
多溴聯苯總和 / Sum of PBBs		n.d.		1000
一溴聯苯 / Monobromobiphenyl		n.d.	5	
二溴聯苯 / Dibromobiphenyl		n.d.	5	*
三溴聯苯 / Tribromobiphenyl		n.d.	5	-
四溴聯苯 / Tetrabromobiphenyl		n.d.	5	-
五溴聯苯 / Pentabromobiphenyl		n.d.	5	-
六溴聯苯 / Hexabromobiphenyl		n.d.	5	-
七溴聯苯 / Heptabromobiphenyl		n.d.	5	-
八溴聯苯 / Octabromobiphenyl		n.d.	5	-
九溴聯苯 / Nonabromobiphenyl		n.d.	5	-
十溴聯苯 / Decabromobiphenyl		n.d.	5	-
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)	(5)	n.d.	-	1000
一溴聯苯醚 / Monobromobiphenyl ether		n.d.	5	-
二溴聯苯醚 / Dibromobiphenyl ether		n.d.	5	-
三溴聯苯醚 / Tribromobiphenyl ether		n.d.	5	-
四溴聯苯醚 / Tetrabromobiphenyl ether		n.d.	5	-
五溴聯苯醚 / Pentabromobiphenyl ether		n.d.	5	-
六溴聯苯醚 / Hexabromobiphenyl ether		n.d.	5	-
七溴聯苯醚 / Heptabromobiphenyl ether		n.d.	5	-
八溴聯苯醚 / Octabromobiphenyl ether		n.d.	5	-
九溴聯苯醚 / Nonabromobiphenyl ether		n.d.	5	-
十溴聯苯醚 / Decabromobiphenyl ether		n.d.	5	-
多溴聯苯醚總和 (一至十溴) / Sum of		n.d.	-	-
PBDEs (Mono to Deca)				

測試郵位描述 (TEST PART DESCRIPTION):

NO.1 : 金色金屬 (GOLDEN COLORED METAL)



測試報告 **Test Report**

號碼(No.): CE/2007/95060

日期(Date): 2007/10/02 頁数(Page): 3 of 6

新泰仲科技股份有限公司 HTS TECHNOLOGY CO., LTD.

326 桃園縣楊梅鎮民隆路8號

8, MING LUNG RD., YANG MEI JEN, TAO YUAN, TAIWAN 326, R. O. C.

備註(Note):

- 1. mg/kg = ppm
- 2. n.d. = Not Detected (未檢出)
- 3. MDL = Method Detection Limit (方法偵測極限值)
- 根據2005年10月13日歐盟會議公佈2005/717/EC,修訂2002/95/EC內容,通過解除高分子材質 中十溴聯苯醚之使用限制. (According to 2005/717/EC DecaBDE is exempt.)
- 5. Spot-test:

Negative = Absence of Cr(VI) coating / surface layer(鍍層中偵測不到六價鉻),

Positive = Presence of Cr(VI) coating / surface layer(鍍層中偵測到六價鉻);

The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed. (當該測項無法確認時,測試樣品可藉由boiling-water-extraction測試方法進一步確認)

Boiling-water-extraction:

Negative = Absence of Cr(VI) coating / surface layer(鍍層中偵測不到六價鉻),

Positive = Presence of Cr(VI) coating / surface layer(鍍層中偵測到六價鉻);

the detected concentration in boiling-water-extraction solution is equal or

greater than 0.02 mg/kg with 50 cm2 sample surface area.

該溶液濃度≧0.02 mg/kg with 50 cm2 (sample surface area)

- 6. # = Positive indicates the presence of Cr(VI) on the tested areas and result be regarded as not comply with RoHS requirement. (Positive表示測試區域之六價鉻不符合RoHS要求) Negative indicates the absence of Cr(VI) on the tested areas and result be regarded as comply with RoHS requirement. (Negative表示測試區域之六價鉻符合RoHS要求)
- 7. "-" = Not Regulated (無規格值)