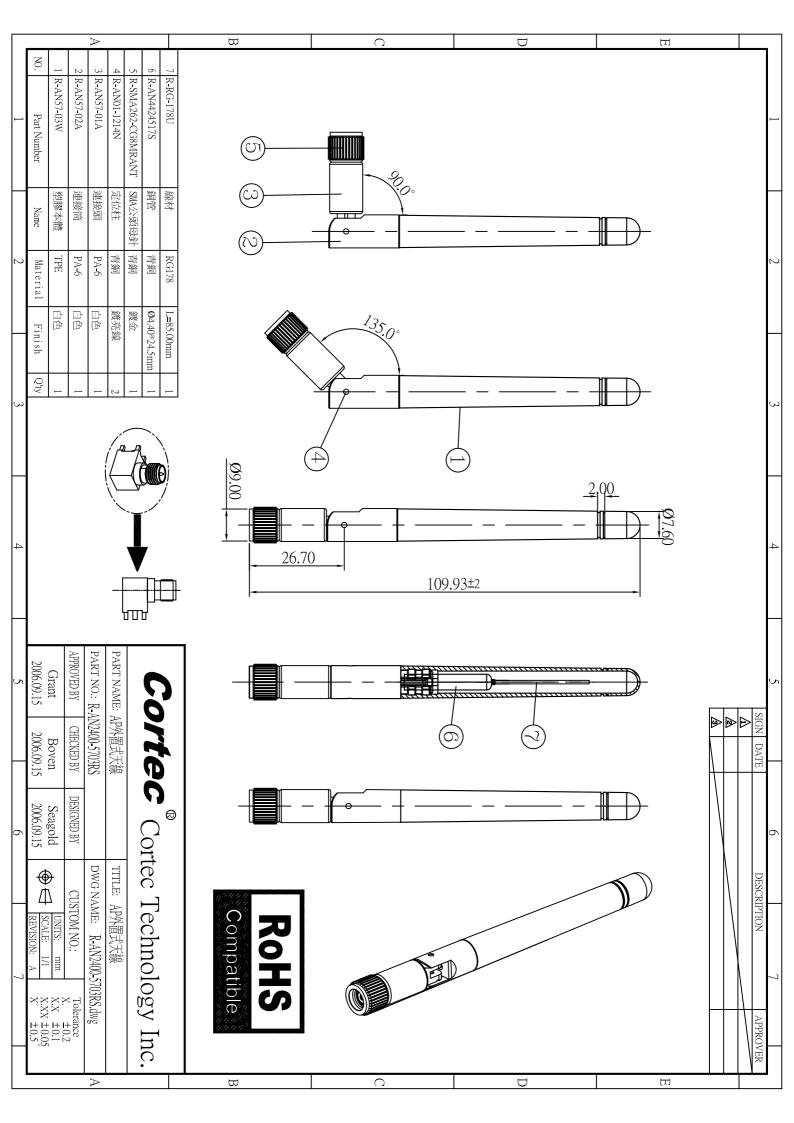


Index:

- 1. Mechanical Dimension Drawing
- 2. Technical Specification
- 3. S11 Return Loss / S.W.R. / Impedance Testing Result
- 4. Antenna Radiation Pattern
- **5. Plastic Parts Material Datasheet**
- **6. Metal Parts Material Datasheet**
- 7. Coaxial Cable Datasheet
- 8. Reliability Testing
- 9. SGS Test Report

1. Mechanical Dimension Drawing

Page 1 Version: 3.0 Issue Date: 2006-09-26





2. Technical Specification

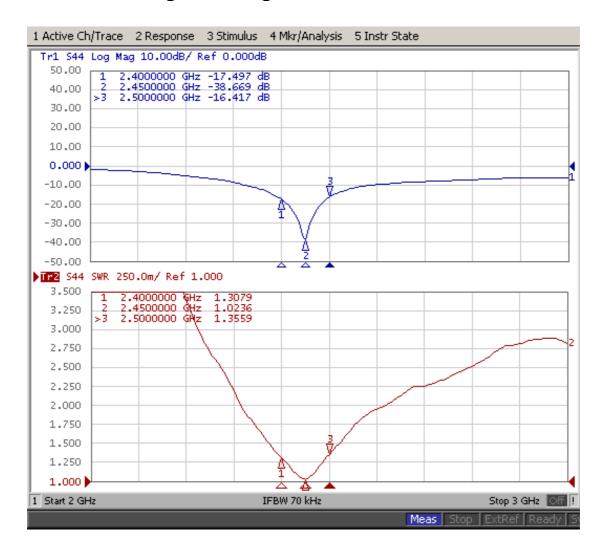
A. Electrical Characteristics	
Working Frequency Range	2400 ~ 2500 MHz
S.W.R.	<= 2.0
Antenna Gain	2.0 ± 0.5 dBi
Antenna Radiation Pattern	Omni-directional
Impedance	50 ohm
B. Material	
Color of Outer Cover	White
Material of Outer Cover	TPE
Material of Hinge	PA-6
Material of Base	PA-6
Connector Spec	50 Ohm
Tube	Copper (C3604)
Total Length	109 mm
C. Environmental	
Operation Temperature	- 30 °C ~ + 85 °C
Storage Temperature	- 30 °C ~ + 85 °C

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3. S11 Return Loss / S.W.R. / Impedance Testing Result

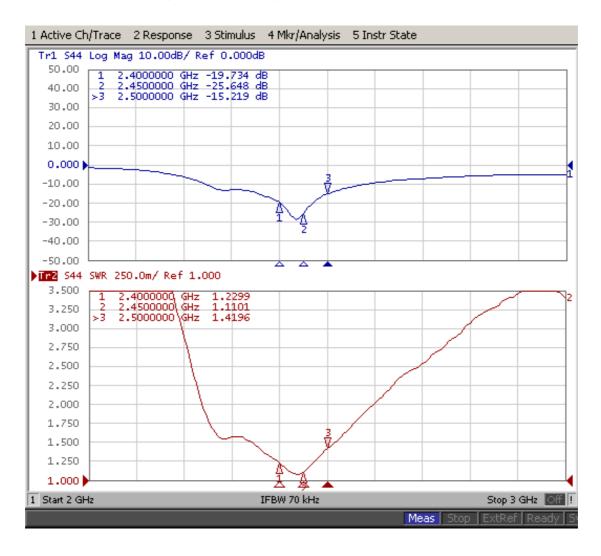
Antenna Hinge is 90 degree



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Antenna Hinge is 180 degree



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4. Antenna Radiation Pattern

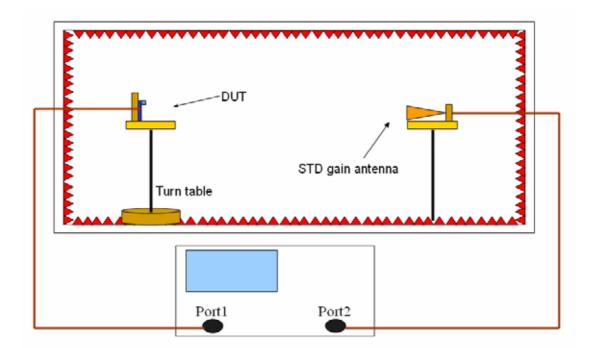
Testing Equipment Specification:

Antenna Anechoic Chamber Dimension: 8 x 4 x 4 m

Quite Zone: 600mm @1 GHz

Isolation: >100dB @ 1 MHz ~ 10 GHz Testing Equipment: Agilent 8720D

Received Antenna: 0.7~6.0 GHz for Gain Calibration
Double Ridged Horn Antenna



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Cortec Technology Inc.

广东省东莞市长安镇振安路沙头段咸西工业区

Model: R-AN2400-5703RS // 2dBi Diople Antenna

Remark : H-Plane

Tested by : CORTEC Antenna 3D Lab // Xu Fu

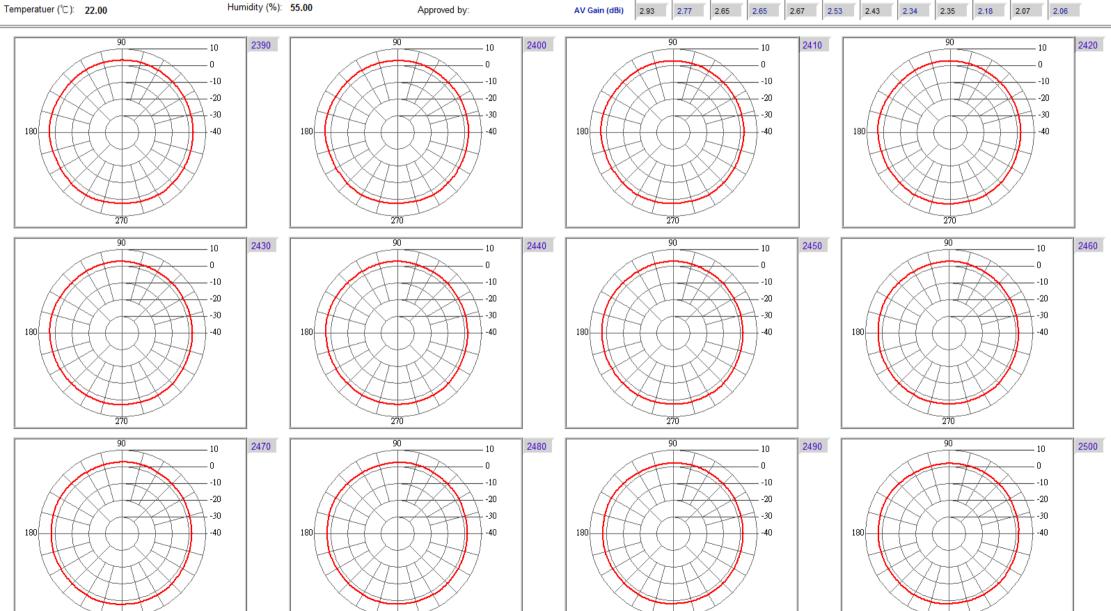
Location: Chamber

Date: 2006/9/26

Time: 上午 08:43:07

Approved by:

Freq. (MHz)	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	3.51	3.41	3.38	3.44	3.37	3.1	2.9	2.87	2.92	2.76	2.74	2.81
Peak Degree	178	178	172	172	172	166	160	148	76	148	154	148
AV Gain (dBi)	2.93	2.77	2.65	2.65	2.67	2.53	2.43	2.34	2.35	2.18	2.07	2.06





Cortec Technology Inc.

广东省东莞市长安镇振安路沙头段咸西工业区

Model: R-AN2400-5703RS // 2dBi Diople Antenna

Remark : E-Plane

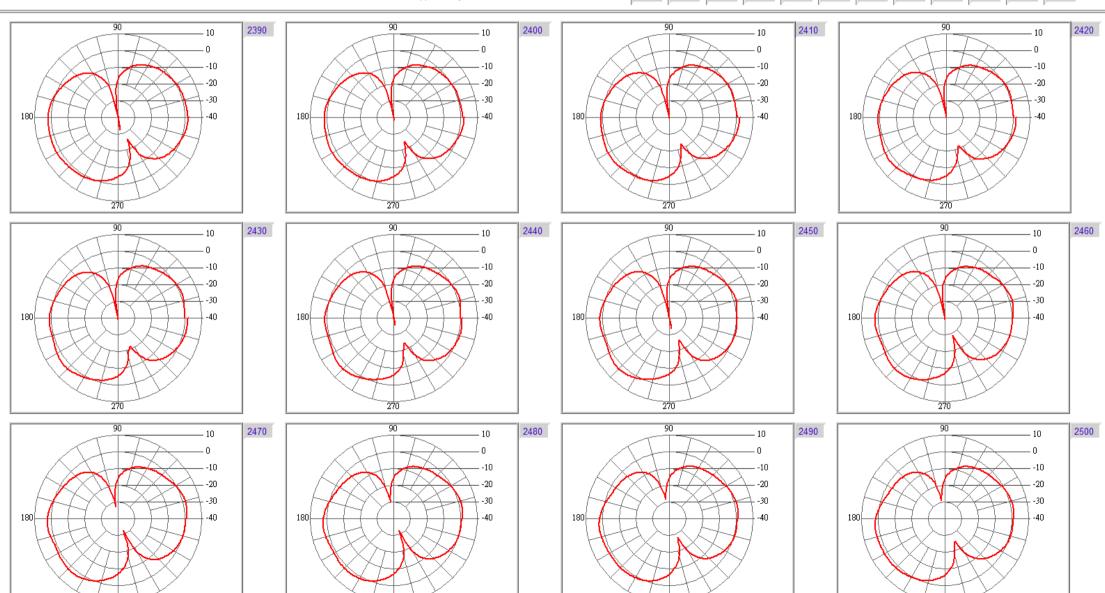
Tested by : CORTEC Antenna 3D Lab // Xu Fu

Location: Chamber
Temperatuer (°C): 22.00

Date: 2006/9/26 Humidity (%): 55.00 Time: 上午 08:43:07

Approved by:

Freq. (MHz)	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	2.31	2.47	2.46	2.62	3	2.99	2.9	2.7	2.37	2.34	2.22	2.09
Peak Degree	209	209	215	221	221	221	227	227	227	185	191	191
AV Gain (dBi)	-1.15	-1.26	-1.44	-1.46	-1.36	-1.43	-1.44	-1.44	-1.42	-1.57	-1.7	-1.7





5. Plastic Parts Material Datasheet

TPE Datasheet

物性項目	單位	ASTM 試驗法	TPE
Property	Unit	Test Method	
比重		D792	0.88
Specific Gravity			
模具收缩率	%	D955	0.8-2.5
Shrinkage			
断裂拉伸强度	Kg/cm ³	D638	3.1
Tensile Strength			
扭曲強度	Kg/ cm ³	D790	
Flexural Strength			
衝擊強度缺口 23°C	Kg om/om	D256	
Impact Strength			
硬度	A		13
Hardness	Shore		
熱變形溫度	°C	D648	80
0.45 MPa Heat			
Deflection Temp.			
熔融指數	G/ min ²	D1238	10
Melt Flow Index			
燃烧性		UL94	НВ
Flammability			

Testing Data from

東莞市合春塑料有限公司 Tel:86-0769-2774772

台灣大雅國際股份有限公司 Tel:886-02-27775232

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NO: 06040401

PA-6 Datasheet

納普工程塑料檢測報告單

QR-82401-04 A/1

品 名	增韌增強尼龍		檢驗標准		QW-824-03		顏色	4	黑色		
型號	PA6-EA			批 號				t	2T		
檢!	臉 項 目	單	位	檢 驗	標准	標准	要求	實	測數據		
拉伸強度		Мр	oa	GB/T1	040-92			92		35.6	
拉伸模量		Мр	oa	GB/T1	040-92				1363		
斷裂伸長率	K.	%	% GB/T1		040-92				63.6		
簡支梁沖粵	P強度(缺口)	KJ/I	M2	GB/T1	043-93	-		20.0			
簡支梁沖雪	簡支梁沖擊強度(非缺口)			GB/T1	043-93	٠.			NB		

結論:

以上數據均爲實測數據

檢驗員:李興華 日期:2006-05-07 審核:汪 文 日期:2006-05-07

Page 7 Version: 3.0 Issue Date: 2006-09-26



6. Metal Parts Material Datasheet

Copper Datasheet

公公街 脚				化學用	戏分 Comp	position (%)					
合金編號 Copper Alloy CN & JIS No.	飼 Cu	鉑 Pb		識 Fe	錫 Sn	鋅 Zn	鋁 Al	錳 Mn	鎳 Ni	碘 P	銅+鋁+錦 +錳+鎳 Cu+Al+Fe +Mn+Ni
C3501	60.0-64.0	0.7~1.7	0.2以下 0.2max		Fe+Sn 0.4以下 0.4max	残余 Rem					
C3601	59.0-63.0	1.8~3.7		以下 Smax	Fe+Sn 0.5 以下 0.5max	殘余 Rem					
C3602	59.0-63.0	1.8~3.7		以下 imax	Fe+Sn 1.2以下 1.2max	殘余 Rem					
C3603	57.0~61.0	1.8~3.7		以下 5max	Fe+Sn 0.6以下 0.6max	殘余 Rem					
C3604	57.0-61.0	1.8~3.7	0.5以下 0.5max		Fe+Sn 1.2以下 1.2max	殘余 Rem					
C3605	57.0-60.0	3.5~4.5	0.5以下 0.5max		Fe+Sn 1.2以下 1.2max	殘余 Rem					
C3712	58.0~62.0	0.26~1.2		Fe+Sn 0.8 0.8ma		殘余 Rem					
C3771	57.0~61.0	1.0~2.5		Fe+Sn 1.0		殘余 Rem					
合金種類 Alloy CN & JIS No.	符號 Symbol	別 Nar				Specia		生用途 d Utilit	ies		
C3501	線(B)	Nipple J Nipple Usi		機車、Excellen	t Cold Forgin	主良好 香車用接頭螺帽 ng and Good Machine-ability Bicycle Join Nut					
C3601	(B)										
C3602	(A)			切削性原	L好,C3601,	C3602 延	展性せ	良好,	電腦	、電子	、 釣具、筆
	(B)	Lander	ME ACT	燈飾、虬	R 絲、小螺帽	 出輪、	凡而	照相相	農各種	五金零	学件
C3603	(B)	快削 Free Cutti		Evealler	t Machine-abi	lity and (3601	C3602	Good	Eveall	ent to
C3604	(A)	rice Cutti	ne Diess		puter, Electro						
	(B)	-		Valve Camera Parts, Hardware Parts							
C3605	(A) (B)	-									
C3712	(A)	Forging	Brace		L好,精密鍛 E性和切削性					D4-50X	
C3/12	(B)	1 vaging	271033	州公司即文章	日土和り用り生	//压,八	71101,3	XXX 1	疾恢告	11 च	
C3771	(A)				t Hot Forging t Hot Forging					hine Pa	arts,
	(B)				alue, Watch, N						

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7. Coaxial Cable Datasheet

RG-178 Co	axial Cable Specific	cation				
1. Cable Type	MIL – C – 17 / RG-178	}				
2. Impedance	50 ± 3 ohm					
3. Inner Conductor	Material	silver-coated copper				
	Conductor	7				
	Numbers					
	Conductor Size	0.102 mm				
	Outer Diameter	0.3 mm				
4. Dielectric Layer	Material	FEP				
	Color	Clear				
	Average Thickness	0.28 mm				
	Diameter	0.86 mm				
5. Braid (Shielding)	Material	silver-coated copper				
	Construction	16-3-0.1 mm				
	Coverage	95 %				
6. Outer Cover	Material	FEP				
	Color	Brown				
	Average Thickness	0.25 mm				
	Diameter	1.80 ± 0.05 mm				
7. V.S.W.R Testing	< 1.3 (DC ~ 6.0 GHz)	-				
8. Attenuation	100 MHz	46				
(dB / 100 meter)	900 MHz	155				
	1800 MHz	295				
	2400 MHz	340				
	5200 MHz	505				
	6000 MHz	550				
9. Capacitance	97 ± 3 (pF / meter)					
10. Maximum Power	30 dBm					
11. Spark Test	2.0 KV					
12. Rating Temp. and Volt.	200°C / 30V					
13. Conductor Resistance	335 ohm / KM / 20°C r	nax.				
14. Dielectric Resistance	3 G ohm / KM / 20°C n	nin.				

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8. Reliability Testing

Test Item	Procedure	Requirement
1. Visual inspection	Applicable methods	follow specification
and Dimension	using x5	
Check	magnification	
2. Rapid Changing	-40°C (30minutes) to	After 2 hours recovery:
of Temperature	90°C (30minutes);	1. no visible damage
	120 cycles	2. bandwidth tolerance
		< ±5%
3. Damp Heat	500 hours at 60°C;	After 2 hours recovery:
	90 ~ 95% RH	1. no visible damage
		2. bandwidth tolerance
		< ±5%
4. Endurance	500 hours at 90°C	After 2 hours recovery:
		1. no visible damage
		2. bandwidth tolerance
		< ±5%

9. SGS Test Report

Page 10 Version: 3.0 Issue Date: 2006-09-26



INVAX SYSTEM & TRADING CORP. Report No. : CE/2005/40424 CORTEC TECHNOLOGY INC. Date : 2005/04/04

CORTEC TECHNOLOGY INC. Date : 2005/04/04 4F. NO.815, CHUNG HSAIO EAST RE., SEC. 5, TAIEPI, Page : 1 of 5

TAIWAN, R.O.C.

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

Type of Product : COAXIAL CONNECTOR

Style/Item No : BNC SERIES; TNC SERIES; N SERIES; TWINAX SERIES; UHF

SERIES; MINI UHF SERIES; F SERIES; PAL SERIES; RCA SERIES; FME SERIES; SMA SERIES; SMB SERIES; MCX SERIES; MMCX SERIES; SSMB SERIES; SMC SERIES; 7/16" SERIES; MINI

Sample Received : 2005/04/04

Testing Date : 2005/04/04 TO 2005/04/04

<u>Test Result</u>: - Please see the next page -

This report is combined with 4 copies of report which provides by client

Signed for and on behalf of SGS TAIWAN LTD.

The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the Company



Report No. : CE/2005/40424 INVAX SYSTEM & TRADING CORP.

CORTEC TECHNOLOGY INC. : 2005/04/04 Date

4F. NO.815, CHUNG HSAIO EAST RE., SEC. 5, TAIEPI, : 2 of 5 Page TAIWAN, R.O.C.

Test Result

PART NAME NO.1 : WHITE PALSTIC(CE/2004/62767)

PART NAME NO.2 : GREEN LIQUID(GZSCR040413289/LP)

PART NAME NO.3 TAN TRANSPARENT LIQUID(GZSCR04013274/LP) PART NAME NO.4 BRASSY COLOR METAL BAR(SZTYR050102512/LP)

					Res	sult	
Test Item (s):	Unit	Method	MDL	No.1	No.2	No.3	No.4
AZO		As per LMBG 8202-2					
4-AMINODIPHENYL (CAS NO.92-67-1)	ppm	Analysis was performed by GC/MS.	3	N.D.			
BENZIDINE (CAS NO.92- 87-5)	ppm	Analysis was performed by GC/MS.	3	N.D.			
4-CHLORO-O-TOLUIDINE (CAS NO.95-69-2)	ppm	Analysis was performed by GC/MS.	3	N.D.			
2-NAPHTHYLAMINE (CAS NO.91-59-8)	ppm	Analysis was performed by GC/MS.	3	N.D.			
O-AMINOAZOTOLUENE (CAS NO.97-56-3)	ppm	Analysis was performed by GC/MS.	3	N.D.			
2-AMINO-4-NITROTOLUENE (CAS NO.99-55-8)	ppm	Analysis was performed by GC/MS.	3	N.D.			
P-CHLOROANILINE (CAS NO.106-47-8)	ppm	Analysis was performed by GC/MS.	3	N.D.			
2,4-DIAMINOANISOLE (CAS NO.615-05-4)	ppm	Analysis was performed by GC/MS.	3	N.D.			
4,4- DIAMINODIPHENYLMETHA NE (CAS NO.101-77-9)	ppm	Analysis was performed by GC/MS.	3	N.D.			
3,3-DICHLOROBENZIDINE (CAS NO.91-94-1)	ppm	Analysis was performed by GC/MS.	3	N.D.			
3,3-DIMETHOXYBENZIDINE (CAS NO.119-90-4)	ppm	Analysis was performed by GC/MS.	3	N.D.			



INVAX SYSTEM & TRADING CORP. Report No. : CE/2005/40424

CORTEC TECHNOLOGY INC. Date : 2005/04/04

4F. NO.815, CHUNG HSAIO EAST RE., SEC. 5, TAIEPI, Page : 3 of 5 TAIWAN, R.O.C.

					Res	sult	
Test Item (s):	Unit	Method	MDL	No.1	No.2	No.3	No.4
3,3-DIMETHYLBENZIDINE (CAS NO.119-93-7)	ppm	Analysis was performed by GC/MS.	3	N.D.			
3,3-DIMETHYL-4,4- DIAMINODIPHENYLMETHA NE (CAS NO.838-88-0)	ppm	Analysis was performed by GC/MS.	3	N.D.			
P-CRESIDINE(2-METHOXY- 5-METHYLANILINE) (CAS NO.120-71-8)	ppm	Analysis was performed by GC/MS.	3	N.D.			
4,4-METHYLENE-BIS-(2- CHLORANILINE) (CAS NO.101-14-4)	ppm	Analysis was performed by GC/MS.	3	N.D.			
4,4-OXYDIANILINE (CAS NO.101-80-4)	ppm	Analysis was performed by GC/MS.	3	N.D.			
4,4-THIODIANILINE (CAS NO.139-65-1)	ppm	Analysis was performed by GC/MS.	3	N.D.			
O-TOLUIDINE (CAS NO.95- 53-4)	ppm	Analysis was performed by GC/MS.	3	N.D.			
2,4-TOLUYLENDIAMINE (CAS NO.95-80-7)	ppm	Analysis was performed by GC/MS.	3	N.D.			
2,4,5-TRIMETHYLANILINE (CAS NO.137-17-7)	ppm	Analysis was performed by GC/MS.	3	N.D.			
O-ANISIDINE (CAS NO.90- 04-0)	ppm	Analysis was performed by GC/MS.	3	N.D.			
P-AMINOAZOBENZENE (CAS NO.60-09-3)	ppm	Analysis was performed by GC/MS.	3	N.D.			

				Result			
Test Item (s):	Unit	Method	MDL	No.1	No.2	No.3	No.4
Mirex(CAS NO:002385-85-5)		Analysis was performed by GC/MS.	4	N.D.			



INVAX SYSTEM & TRADING CORP. Report No. : CE/2005/40424

CORTEC TECHNOLOGY INC. Date : 2005/04/04

4F. NO.815, CHUNG HSAIO EAST RE., SEC. 5, TAIEPI, : 4 of 5 Page

TAIWAN, R.O.C.

				Result			
Test Item (s):	Unit	Method	MDL	No.1	No.2	No.3	No.4
PCBs(Polychlorinated	ppm	With reference to USEPA	0.5	N.D.			
Biphenyls)(CAS NO:001336-		8082A. Analysis was					
36-3)		performed by GC/ECD/MS.					

					Res	ult	
Test Item (s):	Unit	Method	MDL	No.1	No.2	No.3	No.4
PBBs(Polybrominated biphenyls)(CAS NO:059536- 65-1)	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)		N.D.			
PBBEs(PBDEs)(Polybrominat ed biphenyl ethers)		With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)		N.D.	-	-	

				Result			
Test Item (s):	Unit	Method	MDL	No.1	No.2	No.3	No.4
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2		N.D.	N.D.	N.D.
Cadmium (Cd)		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.	



INVAX SYSTEM & TRADING CORP. Report No. : CE/2005/40424

CORTEC TECHNOLOGY INC. Date : 2005/04/04

4F. NO.815, CHUNG HSAIO EAST RE., SEC. 5, TAIEPI, Page : 5 of 5 TAIWAN, R.O.C.

					Res	sult	
Test Item (s):	Unit	Method	MDL	No.1	No.2	No.3	No.4
Lead (Pb)	11	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.	N.D.	N.D.	
Cadmium (Cd)	~ ~	Analysis was performed by AAS and ICP-AES	2				22.0
Mercury (Hg)	1~ ~	Analysis was performed by AAS and ICP-AES	2				N.D.
Lead (Pb)		Analysis was performed by AAS and ICP-AES	2				24600.0

NOTE • (1) N.D. = Not detected (<MDL)

- (2) ppm = mg/kg
- (3) MDL = Method Detection Limit
- (4) " --- " = Not Applicable



INVAX SYSTEM & TRADING CORP.

CORTEC TECHNOLOGY INC.

4F. No.815, CHUNG HSAIO EAST RD. SEC.5,

TAIPEI, TAIWAN, R.O.C.

Report No. : CE/2004/C1640A

Date : 2004/12/16

Page : 1 of 8

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

Type of Product

: ANTENNA

Style/Item No.

: EM SERIES; IM SERIES; NB SERIES; AN SERIES

Sample Received

: 2004/01/05 & 2004/04/23 & 2004/06/11 & 2004/06/24 &

2004/12/09 & 2005/01/26 & 2005/02/17

Testing Date

: 2004/01/05 TO 2004/01/06 & 2004/04/23 TO 2004/04/28 & 2004/06/11 TO 2004/06/21 & 2004/06/24 TO 2004/07/01 & 2004/12/09 TO 2004/12/16 & 2005/01/26 TO 2005/01/28 &

2005/02/17 TO 2005/03/03

Test Result : - Please see the next page -

This report is combined with reports of SZTYR050102512/LP & CE/2004/62767 & GZSCR040100230/LP & CE/2004/61520 & GZSCR040413274/LP & GZSCR050207531/LP

Operation Manager gned for and on behalf of

SGS TAIWAN LTD.



INVAX SYSTEM & TRADING CORP.

CORTEC TECHNOLOGY INC.

4F. No.815, CHUNG HSAIO EAST RD. SEC.5,

TAIPEI, TAIWAN, R.O.C.

Report No. : CE/2004/C1640A

Date : 2004/12/16

Page : 2 of 8

TRANSPARENT LT. BROWN PLASTIC(GZSCR050207531/LP NO. 2)

Test Result

PART NAME NO.8

PART NAME NO.1 : BRASSY COLOR METAL BAR(SZTYR050102512/LP)

PART NAME NO.2 : BLACK PLASTIC SHEET(GZSCR040100230/LP)

PART NAME NO.3 : TAN TRANSPARENT LIQUID(GZSCR040413274/LP)

PART NAME NO.4 : BLACK PLASTIC JACKET(KHCX-32AWG-SB-TA)(CE/2004/61520)

PART NAME NO.5 : TRANSPARENT FEP JACKET(CE/2004/C1640)

PART NAME NO.6 : WHITE PALSTIC(CE/2004/62767)

PART NAME NO.7 : SILVER COLORED METAL WIRE(GZSCR050207531/LP NO. 1)

						Result		
Test Item (s):	Unit	Method	MDL	No.1	No.2	No.3	No.4	No.5
PBBs(Polybrominated biphenyls)(CAS NO:059536-65-1)	%	With reference to USEPA3540C or USEPA3550C. 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.
PBBEs(PBDEs)(Polybromi nated biphenyl ethers)	%	With reference to USEPA3540C or USEPA3550C. 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.



INVAX SYSTEM & TRADING CORP. CORTEC TECHNOLOGY INC.

4F. No.815, CHUNG HSAIO EAST RD. SEC.5,

TAIPEI, TAIWAN, R.O.C.

Report No. : CE/2004/C1640A

Date : 2004/12/16

Page: 3 of 8

						Result		
Test Item (s):	Unit	Method	MDL	No.1	No.2	No.3	No.4	No.5
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	N.D.		N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.		22.0	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.		N.D.	N.D.	N.D.
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	24600.0	6.0	N.D.	N.D.	N.D.

					Result	
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
PBBs(Polybrominated biphenyls)(CAS NO:059536-65-1)	%	With reference to USEPA3540C or USEPA3550C. 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.
PBBEs(PBDEs)(Polybromi nated biphenyl ethers)	%	With reference to USEPA3540C or USEPA3550C. 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.



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					Result	
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2		N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	2	N.D.	N.D.	
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2		N.D.	
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	N.D.	N.D.	
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	15			N.D.
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	50			N.D.
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	15			N.D.

				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
AZO		As per LMBG 8202-2				
4-AMINODIPHENYL (CAS NO.92-67-1)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
BENZIDINE (CAS NO.92- 87-5)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
4-CHLORO-O-TOLUIDINE (CAS NO.95-69-2)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
2-NAPHTHYLAMINE (CAS NO.91-59-8)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
O-AMINOAZOTOLUENE (CAS NO.97-56-3)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.



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					Result	
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
2-AMINO-4- NITROTOLUENE (CAS	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
P-CHLOROANILINE (CAS NO.106-47-8)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
2,4-DIAMINOANISOLE (CAS NO.615-05-4)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
4,4- DIAMINODIPHENYLMETH ANE (CAS NO.101-77-9)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
3,3- DICHLOROBENZIDINE (CAS NO.91-94-1)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
3,3- DIMETHOXYBENZIDINE (CAS NO.119-90-4)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
3,3- DIMETHYLBENZIDINE (CAS NO.119-93-7)		Analysis was performed by GC/MS.	3	N.D.		N.D.
3,3-DIMETHYL-4,4- DIAMINODIPHENYLMETH ANE (CAS NO.838-88-0)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
P-CRESIDINE(2- METHOXY-5- METHYLANILINE) (CAS NO.120-71-8)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
4,4-METHYLENE-BIS-(2- CHLORANILINE) (CAS NO.101-14-4)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
4,4-OXYDIANILINE (CAS NO.101-80-4)	~ ~	Analysis was performed by GC/MS.	3	N.D.		N.D.
4,4-THIODIANILINE (CAS NO.139-65-1)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
O-TOLUIDINE (CAS NO.95-53-4)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.



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				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
2,4-TOLUYLENDIAMINE (CAS NO.95-80-7)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
2,4,5-TRIMETHYLANILINE (CAS NO.137-17-7)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
O-ANISIDINE (CAS NO.90- 04-0)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.
P-AMINOAZOBENZENE (CAS NO.60-09-3)	ppm	Analysis was performed by GC/MS.	3	N.D.		N.D.

				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
Mirex(CAS NO:002385-85-	ppm	Analysis was performed	4	N.D.		
5)		by GC/MS.				

				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
PCBs(Polychlorinated Biphenyls)(CAS NO:001336-36-3)		With reference to USEPA 8082A. Analysis was performed by GC/ECD/MS.	0.5	N.D.		

				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
Organic-tin coumpounds						
Triphenyl Tin(TPT)(CAS NO:000668-34-8)	ppm	With reference to 83/677/EEC & DIN 38407. Analysis was performed by GC/FPD.	0.03			N.D.
Tributyl Tin(TBT)	ppm	With reference to 83/677/EEC & DIN 38407. Analysis was performed by GC/FPD.	0.03			N.D.



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					Result	
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
Asbestos						
Anthrophyllite(CAS NO.017068-78-9)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-			Negative
Crocodolite(CAS NO.012001-28-4)	केत	As per NIOSH 9000 method. Analysis was performed by XRD.	-			Negative
Amosite(CAS NO.012172- 73-5)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-			Negative
Tremolite(CAS NO.014567-73-8)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-			Negative
Chrysotile(CAS NO.012001-29-5)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-			Negative
Actinolite(CAS NO.013768-00-8)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-			Negative

				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
PCBs(Polychlorinated Biphenyls)(CAS NO:001336-36-3)		With reference to USEPA 8082A. Analysis was performed by GC/ECD/MS.	0.5			N.D.

				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
Polychlorinated Naphthalene		With reference to USEPA 8081B. Analysis was performed by GC/MS.	5			N.D.



INVAX SYSTEM & TRADING CORP. CORTEC TECHNOLOGY INC.

4F. No.815, CHUNG HSAIO EAST RD. SEC.5,

TAIPEI, TAIWAN, R.O.C.

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				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
PVC (CAS No:9002-86-2)		Analysis was performed by FTIR/ATR and Pyro- GC/MS.	-			N.D.

				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
Chlorinated Paraffin (C10~C13) (CAS NO:010871-26-2)		With reference to USEPA3540C or USEPA3550C. Analysis was performed by GC/MS or GC/ECD.	0.01			N.D.

				Result		
Test Item (s):	Unit	Method	MDL	No.6	No.7	No.8
Formaldehyde(CAS No:000050-00-0)		With reference to DIN 53315 & USEPA 8315A method. Analysis was performed by HPLC/DAD/MS	0.2			N.D.

NOTE: (1) N.D. = Not detected (<MDL)

- (2) ppm = mg/kg
- (3) MDL = Method Detection Limit
- (4) " --- " = Not Applicable
- (5) " " = No Regulation
- (6) * = Results shown are of the adjusted analytical results
- (7) ** = Qualitative analysis (No Unit)
- (8) Negative = Undetectable / Positive = Detectable
- (9) The MDL is 5ppm for the single compound of CP