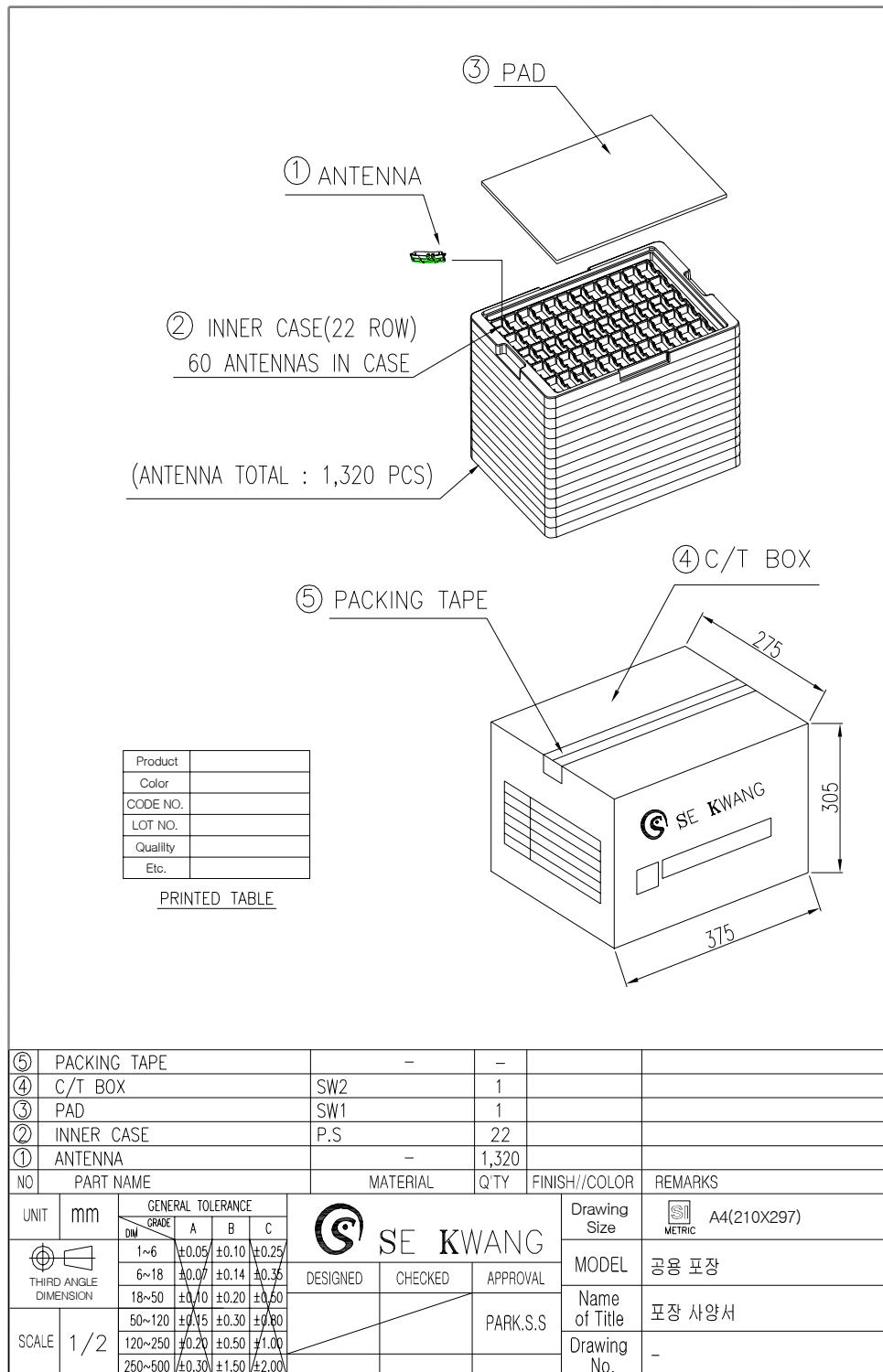




8. 포장 사양

8-1 포장 도면





8-2. 적 재

- 1) 고온 다습한 곳은 피해야 함.
- 2) 부식성이 강한 수소 황산화물 가스가 있는 곳은 피해야 함.
(산, 염소, 암모니아 등은 안테나 외관을 부식시키며 성능이 떨어질 수 있음)

[저장 환경 1]

- 온 도 : 5 to 35°C
- 습 도 : 45 to 75% RH
- 저장기간 : 6개월.

[저장 환경 2]

- 온 도 : -40 to 90°C
- 습 도 : 95% RH max
- 저장기간 : 96 시간.

8-3. 운 반

- 1) 안테나의 접촉단자가 구부러지거나 눌리면 접촉이 불안정하여 특성이 저하 될 수 있으므로 주의.
- 2) 운반시 안테나를 맨손으로 직접 만지지 말 것.
(안테나를 직접 손으로 만질 경우 안테나 위에 지문이 묻을 수 있으며 이 지문은 안테나 표면에 부식을 가져올 수 있음)



9. 제조 과정

				제조공정도				결재			
공급처명	SE KWANG	품명	Intenna	작성	검토	승인		4			
MODEL	MGQ 7180L(405)	품번	SKA704 -0000AA	개정	2			3			
작성일	2007.06.20			이력	1			1			
작성일	2007.06.20			Rev	0	07/6/20	제정				
작성일	2007.06.20			개정일	개정	근거	개정인	승인인			
공정	FLOW CHART			관리방법				관련표준류			
NO	외주	MAN	SUB	공정명	설비	관리항목	담당	기준	측정기기 /방법	Check 주기	기록/ 분석방법
0-0				원자재				구매부	생산계획의거		
0-1				수입검사	RADIATOR, BASE FRAME	수입검사	수입검사기준의거	V/C/P/N	매Lot	수입검사성적서	수입검사 기준서
1				RADIATOR+ BASE FRAME							작업표준서
2				고정지그 ← BODY SUB-ASM	고정지그						작업표준서
3				온도 : 165°C TIME : 8sec	작업지	작업표준에 의거	육안	전수검사	생산일보	작업표준서	
4				성능검사	성능검사 JIG (Limit point)	작업지	성능검사 JIG SETTING 값 기준	N/A	전수검사	생산일보	작업표준서
5				원제품 검사	조립상 이상 유무 (①~④ 공정)	작업자	외관검사 세척 및 울적검사 세척	육안	전수검사	생산일보	작업표준서
6				포장 및 출하	BOX포장방법	출하검사	BOX포장		전수검사	원제품 출하일지	원제품 검사 기준서
7											
8											
9											

10. 유해 물질 인증서

10-1. CARRIER(PC HF-1023IM)



제일모직

유해 물질 인증서

업체명 대상정밀화학
 Grade/Color HF-1023IM/G7630
 사용용도 핸드폰
 분석기관 제일모직 종합연구원

시료명

구분	시료명	비고
수지	HF-1023IM	
칼라	G7630	A101,A502,CW01,DK04

시험 결과

	시험항목	전처리방법	시험장비	단위(ppm)	M.D.L	함유량
중금속	Cd	EN 1122	ICP-AES	mg/kg	0.5	ND
	Pb	US EPA 3050B	ICP-AES	mg/kg	5	ND
	Hg	US EPA7473	Hg Analyzer	mg/kg	0.03	ND
난연제	Cr ⁶⁺	USEPA 3060A	UV/VIS	mg/kg	1	ND
	PBB	Cheil Method	GC/MS	mg/kg	5	ND
	PBDE	Cheil Method	GC/MS	mg/kg	5	ND

* 이 수치는 EU 규정에 위배되지 않음 * M.D.L : Method Detection Limit * ND : Not Detected

시험책임자 : 최수만

Chai Sunman.

승인자 : 이계홍

R.h. Lee.

발행일자 : 2007년 01월 03일

승인일자 : 2007년 01월 01일

품질보증팀





Se Kwang

10-2. SHEET METAL(STS 304)



Test Report No. F690501/LF-CTSAYU07-11050

Date: May 14, 2007

Page 1 of 4

To: TAIHAN STAINLESS STEEL CO., LTD
603 Seonggok-dong
Danwon-gu
Ansan-city
GYEONGGI-DO
Korea

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

Product Name : STS304
SGS File No. : AYU07-11050
Received Date : May 07, 2007
Test Performing Date : May 08, 2007
Test Performed : SGS Testing Korea tested the sample(s) selected by applicant with following results
Test Results : For further details, please refer to following page(s)
Buyer(s) : LG, SAMSUNG

SGS Testing Korea Co. Ltd. / Ulsan Laboratory

Sharpless Park /Testing Person

Thomas Hwang / Ulsan Lab. Mgr

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Se Kwang



Test Report No. F690501/LF-CTSAYU07-11050

Date: May 14, 2007

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Sample No. : AYU07-11050.001

Sample Description : STS304

Style/Item No. : N/A

Comments : Material is stainless.

Heavy Metals

Test Items	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	US EPA 3052(1996), US EPA 6010B(1996), ICP	1	N.D.
Lead (Pb)	mg/kg	US EPA 3052(1996), US EPA 6010B(1996), ICP	5	N.D.
Mercury (Hg)	mg/kg	US EPA 3052(1996), US EPA 6010B(1996), ICP	2	N.D.
Hexavalent Chromium (Cr VI)	mg/kg	US EPA 3060A(1996), US EPA 7196A(1992), UV	1	N.D.

Flame Retardants-PBBs/PBDEs

Test Items	Unit	Test Method	MDL	Results
Monobromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Dibromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tribromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tetrabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Pentabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Hexabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Heptabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Octabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Nonabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Decabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Monobromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Dibromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tribromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tetrabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Pentabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Hexabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Heptabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Octabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Nonabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Decabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.

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

(2) ppm = mg/kg

(3) MDL = Method Detection Limit

(4) - = No regulation

(5) ** = Qualitative analysis (No Unit)

(6) Negative = Undetectable / Positive = Detectable

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Se Kwang



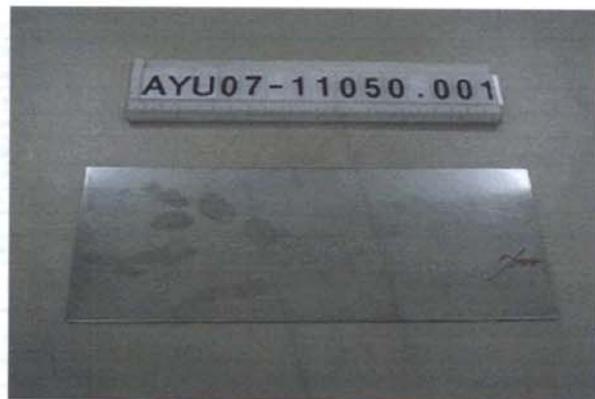
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Picture of Sample as Received:

Sample Color : Silver



- NOTE: (1) N.D. = Not detected.(<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) - = No regulation
(5) ** = Qualitative analysis (No Unit)
(6) Negative = Undetectable / Positive = Detectable

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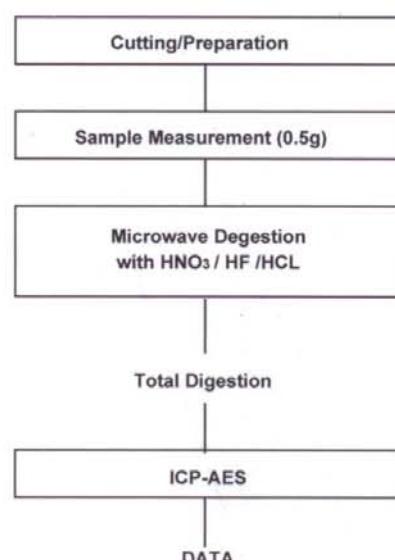


Test Report No. F690501/LF-CTSAYU07-11050

Date: May 14, 2007

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Flow Chart of Digestion
(USEPA 3052 for Cd, Pb)



The samples were dissolved totally by pre-conditioning method according to above flow chart.

Operator : Sharpless Park

Section Chief : Thomas Hwang

*** End ***

- NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) - = No regulation
(5) ** = Qualitative analysis (No Unit)
(6) Negative = Undetectable / Positive = Detectable

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