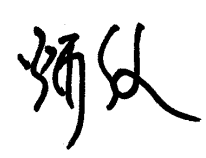




Approval Sheet

Products	Dielectric Chip Antenna		
Customer	LG Electronics Inc		
Model	HBM760		
Customer CODE			
Supplier	PARTRON		
Supplier CODE	ACS2450HBAHB76		
LG Electronics Inc	By designed	By checked	By approved
PARTRON	By designed	By checked	By approved
			
	Research 2P	Quality Assurance	Laboratory
	Chanik.Jeon	Kwang-Gyu.Lee	Byoung-Jun.Yim
	06/28	06/29	06/29

2007 . 06. 29



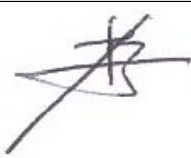
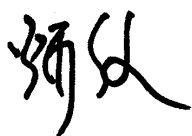
33 Banwol-dong, Hwaseong-si, Gyeonggi-do, Korea 455-300
 Tel : 82-31-201-7870~6
 Fax : 82-31-201-7800
www.partron.co.kr



SPECIFICATION

MODEL : ACS2450HBAHB76

DIELECTRIC CHIP ANTENNA

By designed	By checked	By approved
		
Research, 2P	Quality Assurance	Laboratory
Chan-Ik.Jeon	Kwang-Gyu.Lee	Byoung-Jun.Yim
06/28	06/29	06/29

2007 . 06. 29



33 Banwol-dong, Hwaseong-si, Gyeonggi-do, Korea 455-300
Tel : 82-31-201-7870~6
Fax : 82-31-201-7800
www.partron.co.kr

- Contents -

1. Revision History	1 p
2. Electrical Characteristics	2 p
3. Mechanical Characteristics	7 p
4. Measurement Process	10 p
5. Primary Inspection List	11 p
6. Reliability Condition	12 p
7. Soldering Condition	13 p
8. Attention	13 p
9. Packing	14 p
10. Process Control	16 p
11. RoHS Data	19 p

[illegible]

2. Electrical Characteristics

2.1 Single Element Spec

ITEM	SPEC
Frequency Range [MHz]	2400 ~ 2485
SWR [Max]	3 : 1
Bandwidth [MHz]	85
Gain (Peak / Avg) [dBi]	1.63 / -1.93

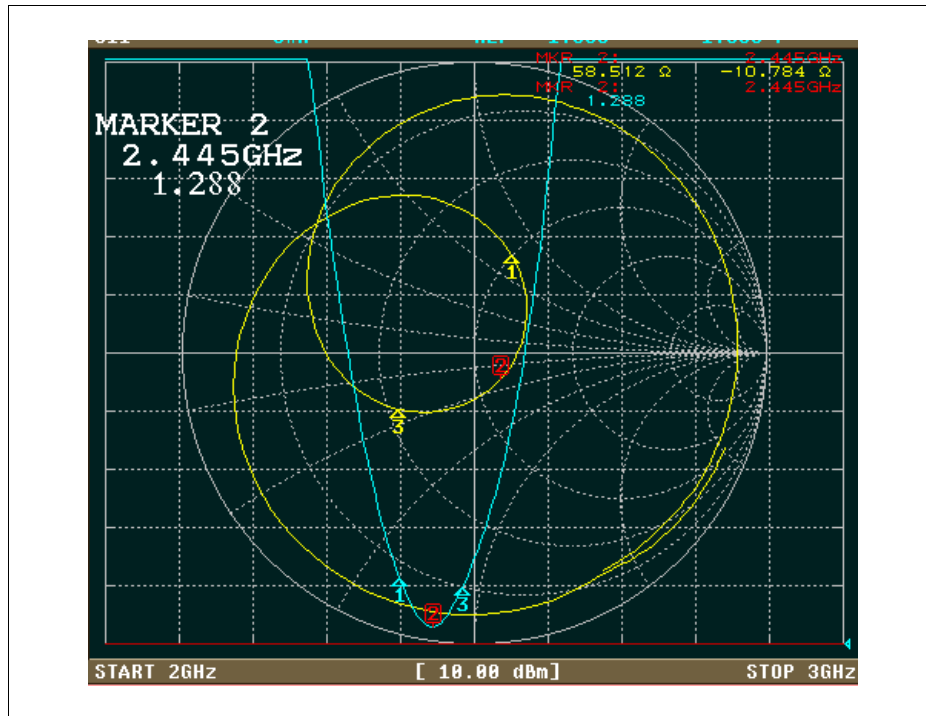
2.2 Set Condition

ITEM				SPEC
Frequency Range [MHz]				2400 ~ 2485
VSWR [Max]				2 : 1
Bandwidth [MHz]				90
Polarization				Linear
Gain[dBi]	Total Gain (Peak / Avg) [dBi]			0.8 / -3.7
	Azimuth	Theta	Peak	2.96
			Average	-0.65
		Phi	Peak	-2.05
			Average	-6.81
	Elevation 1	Theta	Peak	-5.11
			Average	-8.27
		Phi	Peak	1.82
			Average	-2.94
	Elevation 2	Theta	Peak	-1.06
			Average	-6.38
		Phi	Peak	2.85
			Average	-2.22

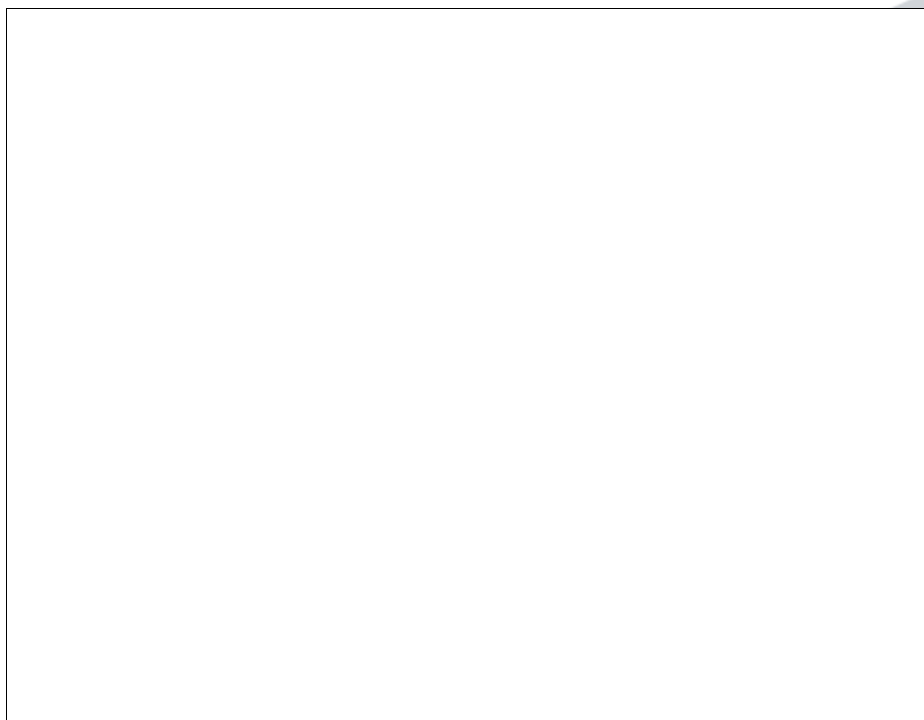
2.3 Test Fixture Condition

ITEM	SPEC	CTQ
Frequency Range [MHz]	~	
SWR [Max]	3 : 1	
Bandwidth [MHz]	80	

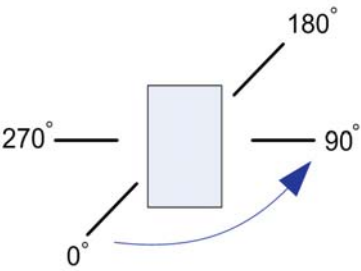
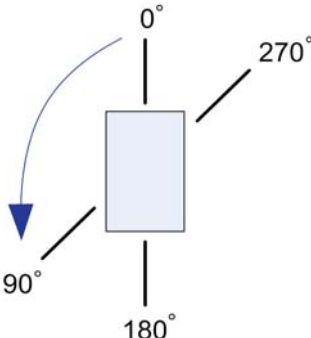
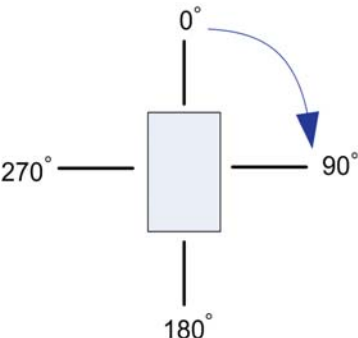
2.4 Graph of Set Condition

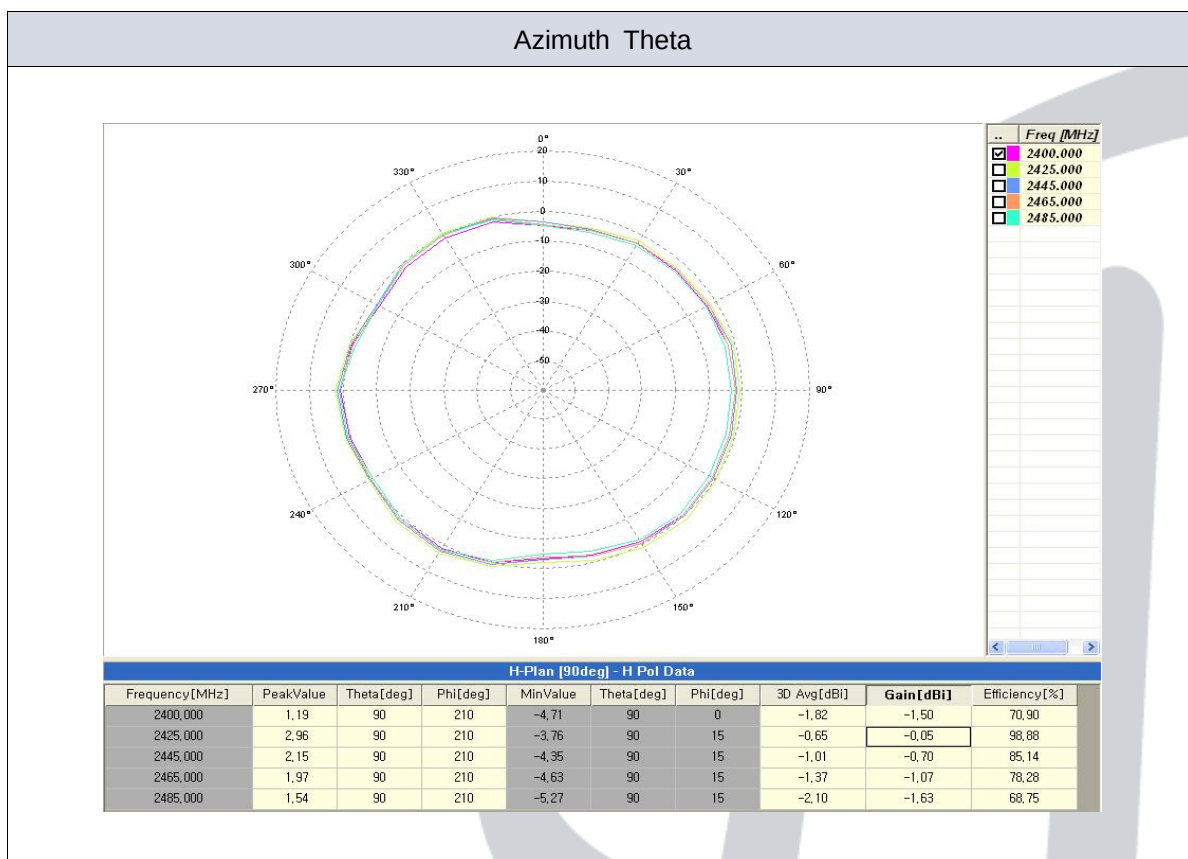


2.5 Graph of Test Fixture Condition

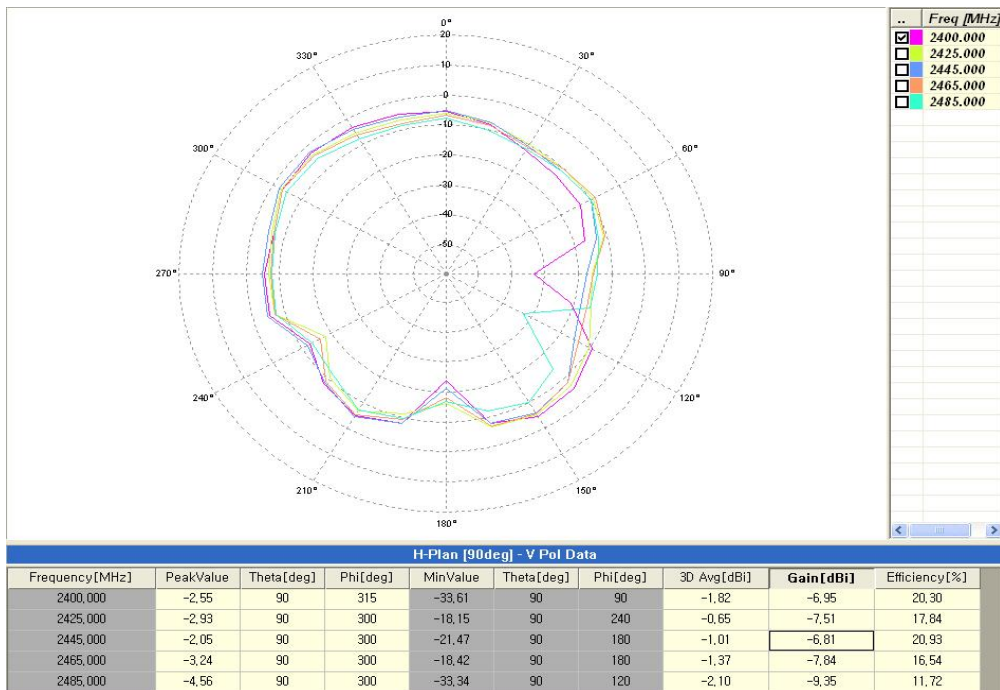


2.6 Radiation Pattern

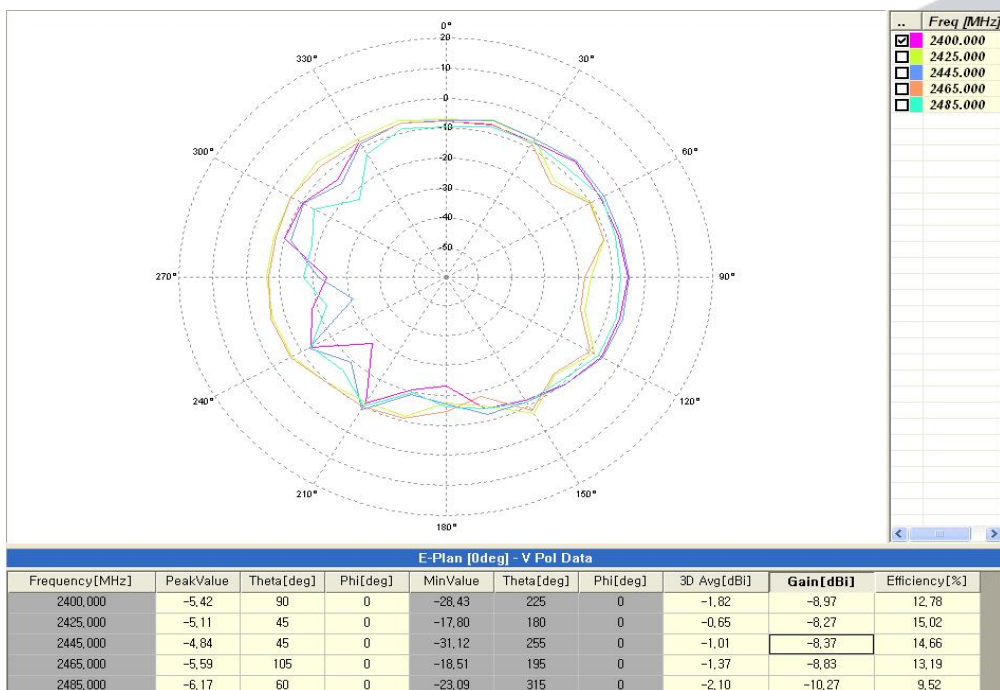
Azimuth Plane	Elevation 1 Plane	Elevation2 Plane
		
Theta	Vertical field of measured plane	
Phi	Horizontal field of measured plane	



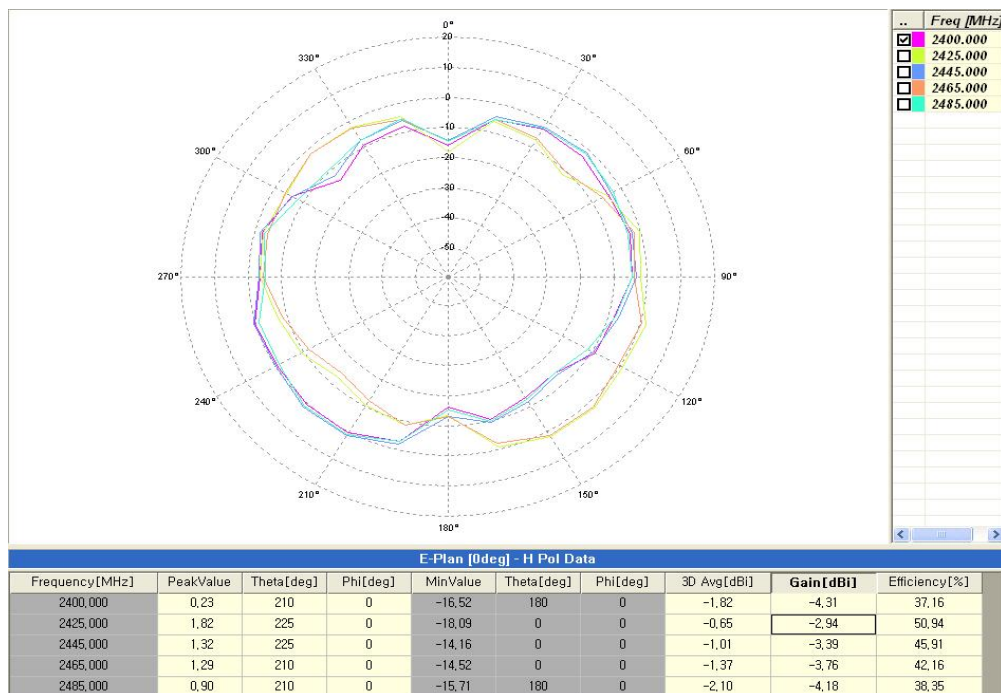
Azimuth Phi



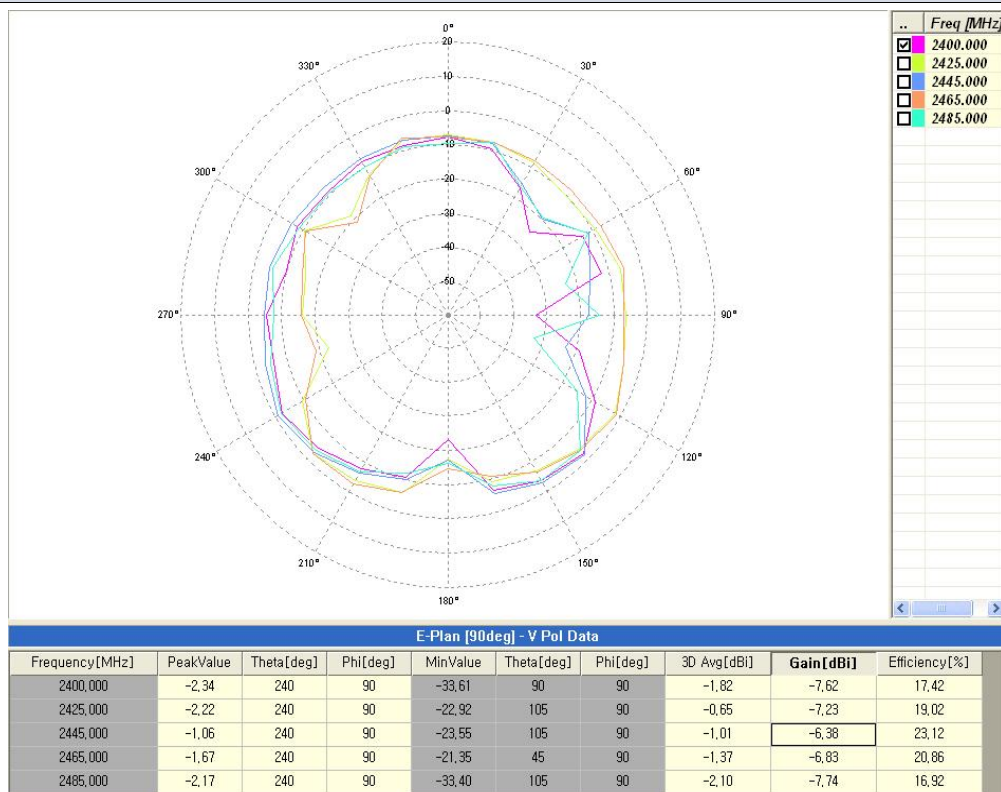
Elevation1 Theta

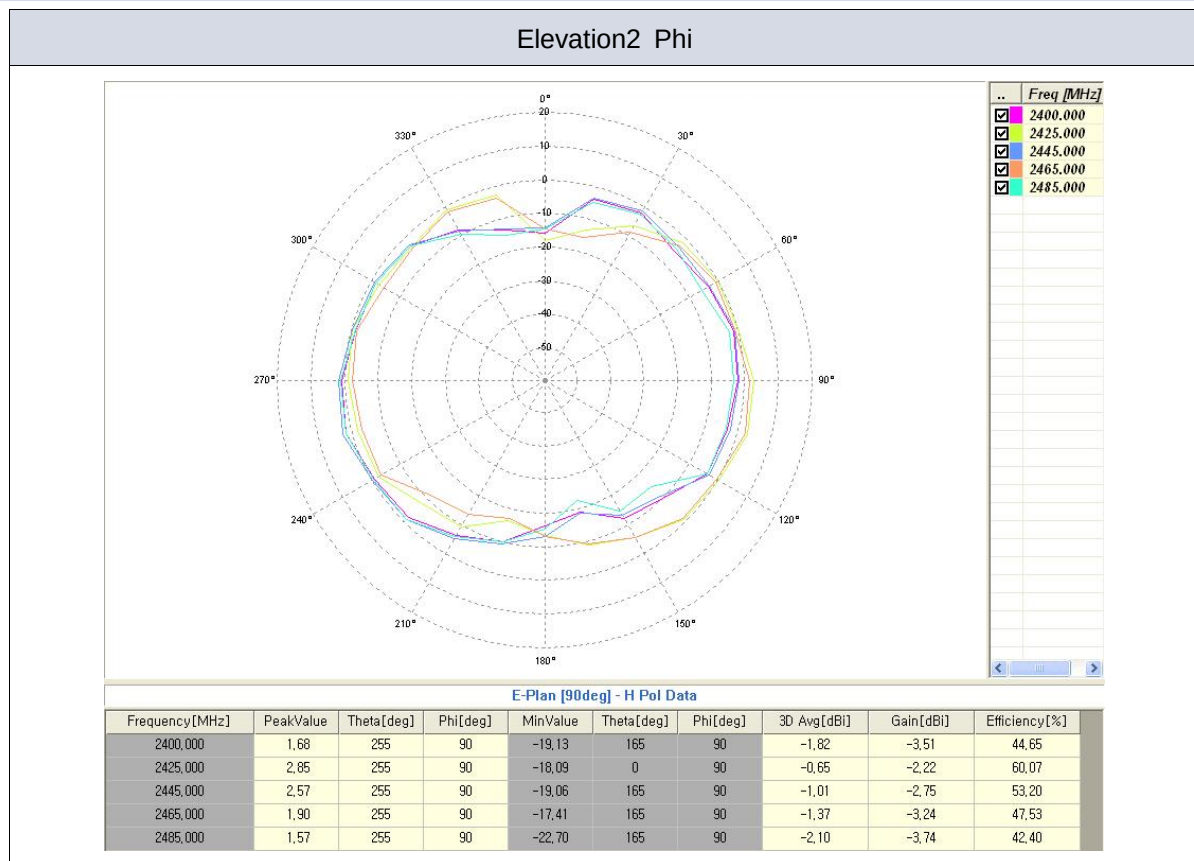


Elevation1 Phi



Elevation2 Theta





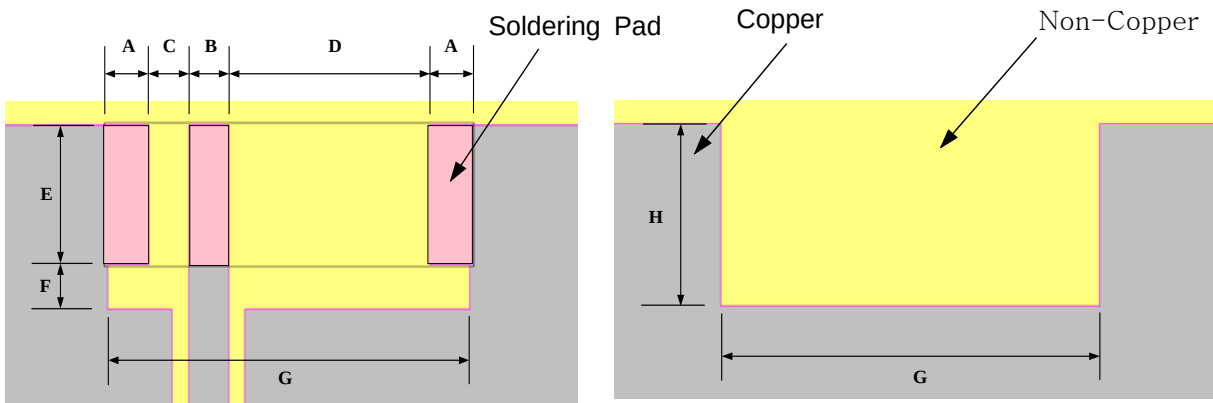
3. Mechanical Characteristics

- The structure is materialized printing Ag paste at the dielectric block

3.1 Structure and Material

Material	Dielectric Block (MMS-08)	3D Structure	
	Ag Paste (Metech)		
Size [mm]	W = 2.0±0.1		
	L = 8.0±0.1		
	T = 1.2±0.1		
Temperature [°C]	- 40 ~ +80		
Humidity [%]	At the normal temperature, RH 100		

3.2 PCB Layout & Soldering Pad Dimension



Top Layout

Bottom Pattern

Parameter	A	B	C	D	E	F	G	H
Value[mm]	1.1	1.0	0.8	4.2	2.2	1.0	8.0	3.2

Unit ; mm
Unless specified tolerances are ±0.1

3.3 Antenna Pattern Dimension

Antenna Pattern View			
			
Top	Side1	Bottom	Side2
Unit ; mm Unless specified tolerances are ±0.1			

3.3.1 Real Measurement Value

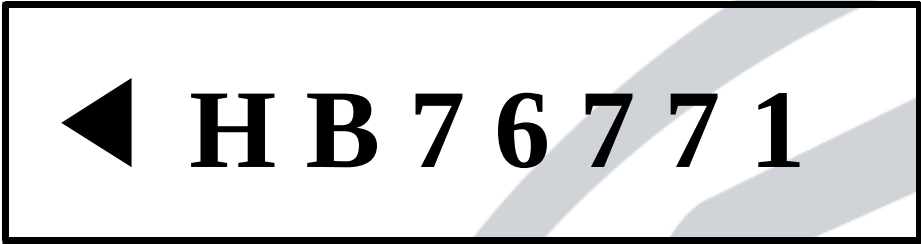
	(1)	(2)	(3)	(4)	(5)	(6)
Drawing Dimension [mm]						
1						
2						
3						
4						
5						
Min [mm]	0.000	0.000	0.000	0.000	0.000	0.000
Max [mm]	0.000	0.000	0.000	0.000	0.000	0.000
Average [mm]	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

3.4 LOT Notation

<u>7</u>	<u>7</u>	<u>1</u>
①	②	③

- ① Year : 1 - 2001, 2 - 2002, ... 5 - 2005
 ② Month : 1 - January, 2 - February 9 - September, A - October, B - November ...
 ③ Date : 1 - 1st , 2 - 2nd A - 10th, B - 11th

3.5 Marking

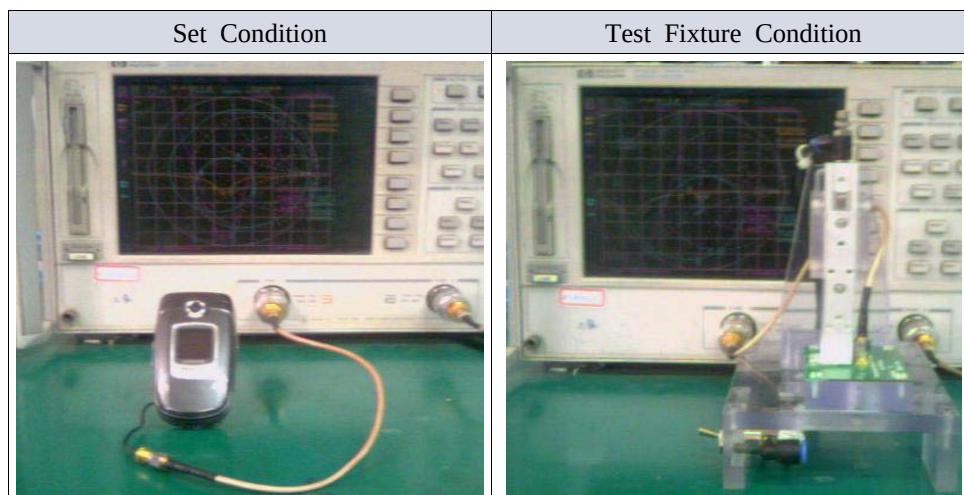
Marking View					
					
◀	<u>HB76</u>	<u>7</u>	<u>7</u>	<u>1</u>	
①	②	③	④	⑤	

- ① Input Signal
 ② Serial
 ③ Year; 1 - 2001, 2 - 2002, ... 5 - 2005
 ④ Month : 1 - January, 2 - February 9 - September, A - October, B - November
 ⑤ Date : 1 - 1st , 2 - 2nd A - 10th, B - 11th

4. Measurement Process

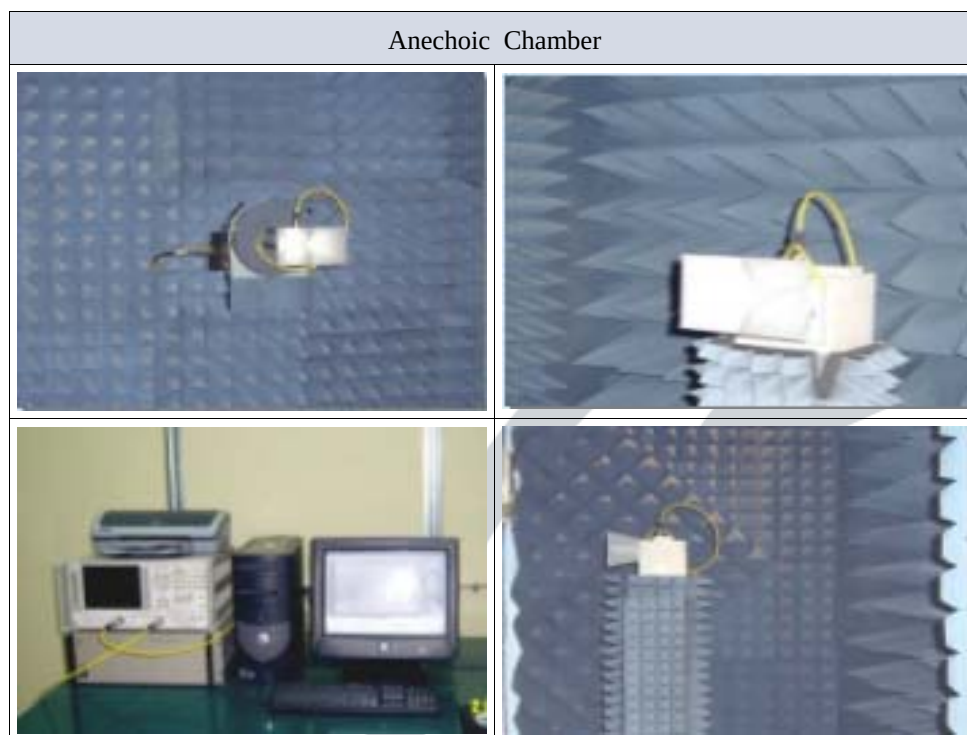
4.1 SWR/Returnloss

The SWR/Returnloss is measured by Network Analyzer



4.2 Gain

The Antenna Gain is measured using the set at Anechoic Chamber



5. Primary Inspection List

Item	Electrical Characteristic [MHz]		Mechanical Dimension [mm]		
	VSWR 3.0 Max		W=2.0±0.1	L=8.0±0.1	T=1.2±0.1 
Standard					
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
X					
σ					
Cpk					
Decision	OK	OK	OK	OK	OK

6. Reliability Condition

6.1 ENVIRONMENT TEST

ITEM	TEST CONDITION	LIMIT
High Temperature Resistance	+85℃±3℃, 120hr±2hr	*After the test, specimen would be kept at 25℃±5℃ for 1 hours *specimen sheet meet the electrical specification
Low Temperature Resistance	-40℃±3℃, 120hr±2hr	
Humidity Resistance	+60±3℃, RH90~95%, 120hr±2hr	

6.2 Thermal Shock Test, Reflow Test

ITEM	TEST CONDITION	LIMIT
Thermal Shock	-40℃±3℃/30min ↔ +85℃±3℃/30min cycle : 15 cycle recovery time : with in 5min	SAME as 6-1
Reflow	Pre Heating 200±5℃, 30~60 sec Peak Heating 260℃±5℃, 30sec Max	

6.3 Mechanical Test

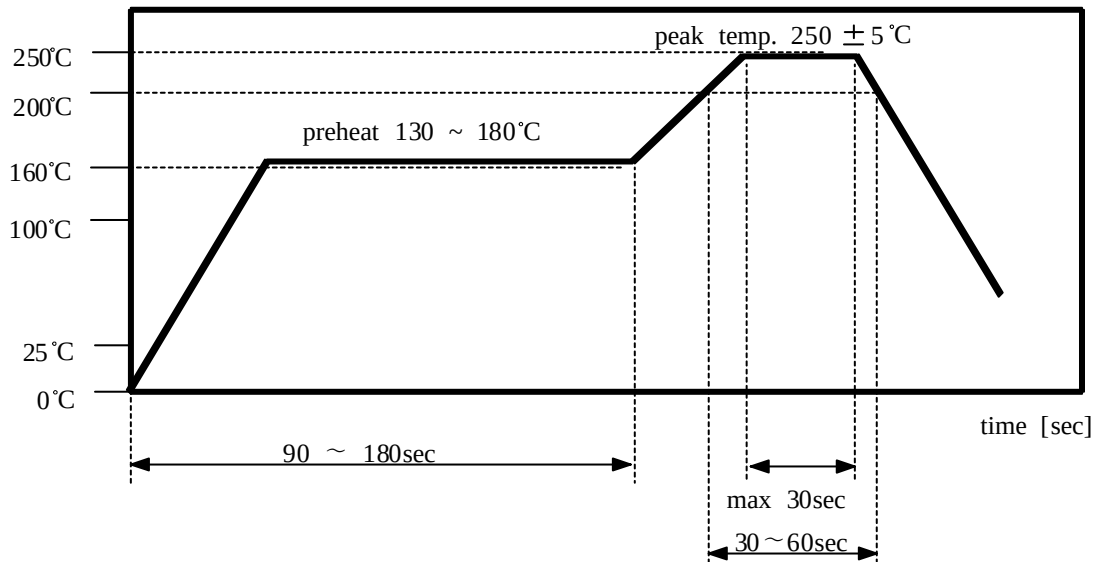
ITEM	TEST CONDITION	LIMIT
Random Vibration	Frequency 10~500Hz - 10 ×9.8m/s ² (G) Sweep time 15min, X.Y.Z each 5 times	*After the test, specimen sheet meet the electrical specification
Drop	Height 152cm, 5 times (Each Surface)	

6.4 Reliability Test Result

※ Appendix

7. Soldering Condition

7.1 Reflow Soldering



7.2 Manual Soldering

Pre-heating Temperature : 120°C , 60 ~ 300 sec.

Soldering Temperature : 340°C±5°C , 5sec max per each terminal

8. Attention

8.1 Temperature Condition

	Range of Temperature	unit
Application	-40 ~ +85	°C
Keeping	-40 ~ +85	°C

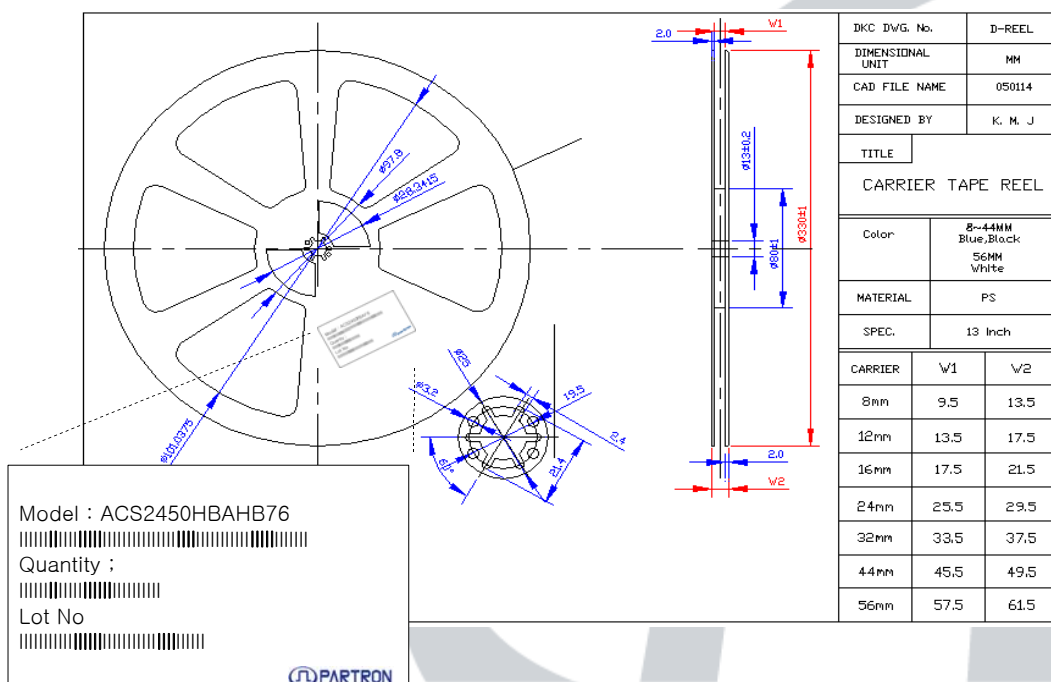
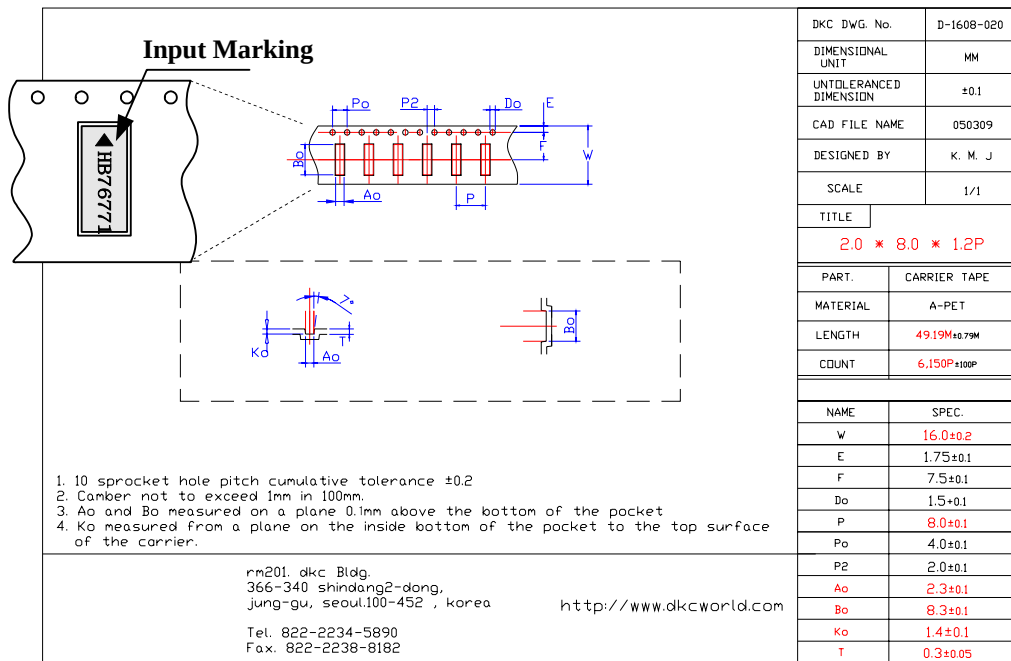
8.2 MSL LEVEL 1 (JEDEC J-STD-020C)

	Floor Life		Soak Requirements	
	Time	Conditions	Time	Conditions
1	Unlimited	= < 30°C/85%RH	168+5/-0	= < 85°C/85%RH

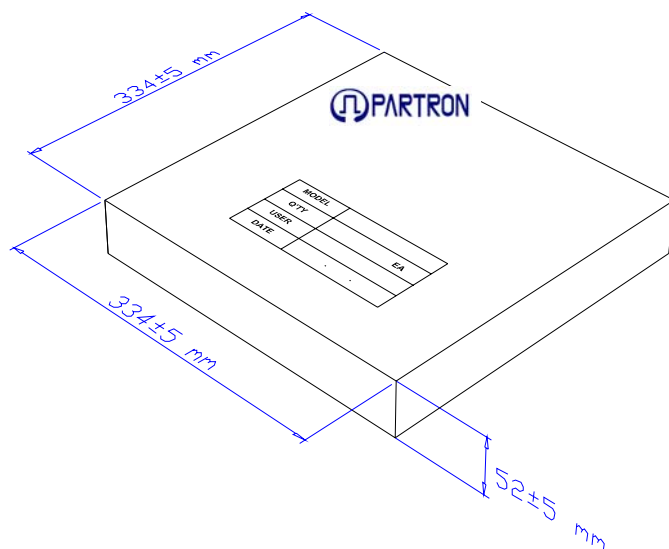
9. Packing

9.1 Carrier/Reel

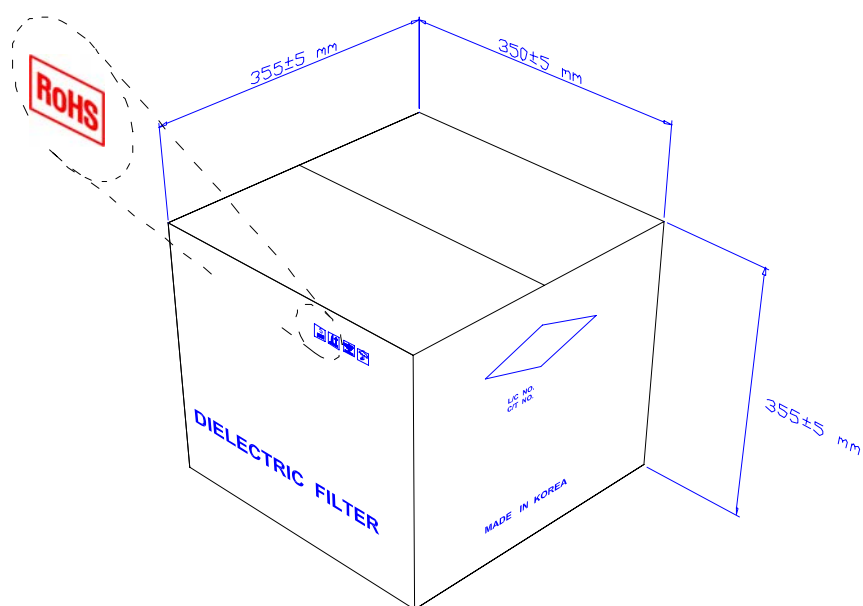
ITEM	Material	Surface Resistance	Packing Method
Carrier	A-PET	Typical $10^8 \Omega$	Heat press
Reel	A-PET		Air press (Using S-460G)



9.2 Box Specification



Material : SK/S/K-B
Cardboard box



10. Process Control

Product			Issued/Revision		Process Control				Record	By designed	By checked	By approved		
CHIP ANTENNA			Issued	04.04.06					PRCP-C001					
Input Materials	FLOW CHART		Process name	Management of Factors					Management of quality					
	preparation	Main Process		Equipment Name	Checked	Condition	Cycle of management	Record	Checked Item	Margin	Method of Inspection	Cycle of management	Record	Action
Ceramic POWDER			Import Inspection						shrinking rate permittivity	refer to Guide Sheet	Micrometer Network	10ea/LOT	C/sheet	Return
POWDER lubricant			powder	Mixer					mixing	POWDER lubricant	Scale	PER MIXING	—	Exhaust
			Shaping	Press	pressure Mold Condition	refer to Guide Sheet	Per LOT 1/day	parameter C/SHEET	dimension weight density aspect	refer to Guide Sheet	Micrometer scale Calculated Visual	5/100EA 10ea/lot	LOT CARD	Exhaust
			Plasticity	Plasticity Hole	SETTER Outside Temperature PROFILE	refer to Guide Sheet	all 2/day 1/month	C/sheet						
			Block						wide length shape	refer to Guide Sheet	Micrometer Calipers Visual Inspection	20ea/LOT 20ea/LOT all	C/sheet	Exhaust
AG PASTE			SIDE1 PAD Printing	Printer screen	Squeeze velocity/presure SNAP	refer to Guide Sheet	1/day	—	PATTERN Dimension aspect	refer to Guide Sheet	Microscope	10ea/3Jig	c/sheet	Rework
			Dry	Dryer Dry Jig	Temperature Belt speed	refer to Guide Sheet	1/week	Parameter	Dry Condition Printed condition breakage	refer to Guide Sheet	Visual Inspection	all	Lot card	Rework

Product		Issued/Revision		Process Control					Record	By designed	By checked	By approved		
CHIP ANTENNA		Issued	04.04.06						PRCP-C001					
Input Materials	FLOW CHART		Process name	Management of Factors					Management of quality					
	preparation	Main Process		Equipment Name	Checked	Condition	Cycle of management	Record	Checked Item	Margin	Method of Inspection	Cycle of management	Record	Action
AG PASTE			SIDE 2 PAD Printing	Printer screen	Squeeze velocity/presure SNAP	refer to Guide Sheet	1/day	-	PATTERN Dimension aspect	refer to Guide Sheet	Microscope	10ea/3Jig	c/sheet	Rework
			Dry	Dryer Dry Jig	Temperature Belt speed	refer to Guide Sheet	1/week	Parameter	Dry Condition Printed condition breakage	refer to Guide Sheet	Visual Inspection	all	Lot card	Rework
			Baking	Baking Hole mesh net	Temperature Belt speed	refer to Guide Sheet	1/week	Parameter C/Sheet	Breakage Pollution	refer to Guide Sheet	Visual Inspection	all	Lot card	Exhaust Rework
AG PASTE			TOP printing	Printer screen	Squeeze velocity/presure SNAP	refer to Guide Sheet	1/day	-	PATTERN dimension	refer to Guide Sheet	measure	10ea/3Jig	c/sheet	Rework
			Dry	Dryer Dry Jig	Temperature Belt speed	refer to Guide Sheet	1/week	Parameter	Dry Condition Printed condition breakage	refer to Guide Sheet	Visual Inspection	all	Lot card	Rework
AG PASTE			BOTTOM PAD Printing CTQ	printer screen	Squeeze velocity/presure SNAP	refer to Guide Sheet	1/day	-	PATTERN dimension aspect	refer to Guide Sheet	measure Microscope	10ea/3Jig	c/sheet	Rework

Product			Issued/Revision		Process Control					Record	By designed	By checked	By approved	
CHIP ANTENNA			Issued Revised	04.04.06 05.04.03						PRCP-C001				
Input Materials	FLOW CHART		Process name	Management of Factors					Management of quality					
	prepar ation	Main Process		Equipment Name	Checked	Condition	Cycle of management	Record	Checked Item	Margin	Method of Inspection	Cycle of management	Record	Action
			Dry	Dryer Dry Jig	Temperature Belt speed	refer to Guide Sheet	1/week	Parameter	Dry Condition Printed condition breakage	refer to Guide Sheet	Visual Inspection	all	Lot card	Rework
			Baking	Baking Hole mesh net	Temperature Belt speed	refer to Guide Sheet	1/week	Parameter C/Sheet	Breakage Pollution	refer to Guide Sheet	Visual Inspection	all	Lot card	Exhaust Rework
			aspect inspection						aspect	Reference SPL refer to Guide Sheet	Visual Inspection microscope	all	Lot card production diary	Exhaust repair
			MARKING	Marking Machine					marking	Reference SPL	Visual Inspection	all	Lot card production diary	Rework Exhaust
			Electrical Characteristic	NETWORK Inspection Jig	proofreading Condition	refer to Guide Sheet	1/2hour	C/sheet	Electrical Characteristic	refer to Guide Sheet	Network	all	Lot card production diary	Exhaust repair
			aspect inspection						aspect dimension	Reference SPL refer to Guide Sheet	Visual Inspection microscope	all	Lot card production diary	Exhaust repair
Carrier cover reel			Taping						Quantity Direction aspect	refer to Guide Sheet	Manual	all	Lot card production diary	Rework
			shipper inspection	NETWORK Inspection Jig	proofreading Condition	refer to Guide Sheet	1/person	C/sheet	Electrical Characteristic aspect packing	refer to Guide Sheet	Network microscope Visual Inspection	refer to Guide Sheet	Result Paper	return Exhaust
packing box label			packing	bar code printer					packing P/N Quantity	refer to Guide Sheet	Visual Inspection	all	-	Rework
			packing inspection						packing P/N Quantity	refer to Guide Sheet	Visual Inspection	all	-	return

11. RoHS Data

11.1 Ceramic Powder



Test Report

FUJII TITANIUM IND. CO., LTD.
12-8, SENGUN-CHO, HIRATSUKA-CITY, KANAKAWA-
PREF. JAPAN, (T) 81-463-32-0210

Report No. : CE/2006/75167
Date : 2006/07/25
Page : 1 of 4



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

Sample Description : MIXTURE OF (1) MAGNESIUM SILICATE
(2) STRONTIUM ZIRCONATE (3) BARIUM TITANATE

Style/Item No : MMS-08 (B)

Sample Received : 2006/07/18

Testing Period : 2006/07/18 TO 2006/07/25

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


 Signed for and on behalf of
 SGS TAIWAN LTD.

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 100, 106-1, No. 100, Road, Hsinchu Industrial Zone, Taipei county, Taiwan
 3000-2 22992031 1000-2 2299-2027 www.sgs.com.tw



Test Report

FUJII TITANIUM IND. CO., LTD.
12-8, SENGUN-CHO, HIRATSUKA-CITY, KANAKAWA-
PREF. JAPAN, (T) 81-463-32-0210

Report No. : CE/2006/75167
Date : 2006/07/25
Page : 2 of 4



Test Result(s)

PART NAME NO.1 : WHITE POWDER

Test Item (s):	Unit	Method	MDL	Result No. 1
PBBs (Polybrominated biphenyls)	---	---	---	---
Mono-bromobiphenyl	%	With reference to USEPA1540C. Analysis was performed by HPLC/DAD.	0.0005	N.D.
Dibromobiphenyl	%		0.0005	N.D.
Tri-bromobiphenyl	%		0.0005	N.D.
Tetra-bromobiphenyl	%		0.0005	N.D.
Penta-bromobiphenyl	%		0.0005	N.D.
Hexa-bromobiphenyl	%		0.0005	N.D.
Hepta-bromobiphenyl	%		0.0005	N.D.
Octa-bromobiphenyl	%		0.0005	N.D.
Nona-bromobiphenyl	%		0.0005	N.D.
Deca-bromobiphenyl	%		0.0005	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%			N.D.
PBBEs (PBDEs) (Polybrominated biphenyl ethers)	---	---	---	---
Mono-bromobiphenyl ether	%	With reference to USEPA1540C. Analysis was performed by HPLC/DAD.	0.0005	N.D.
Dibromobiphenyl ether	%		0.0005	N.D.
Tri-bromobiphenyl ether	%		0.0005	N.D.
Tetra-bromobiphenyl ether	%		0.0005	N.D.
Penta-bromobiphenyl ether	%		0.0005	N.D.
Hexa-bromobiphenyl ether	%		0.0005	N.D.
Hepta-bromobiphenyl ether	%		0.0005	N.D.
Octa-bromobiphenyl ether	%		0.0005	N.D.
Nona-bromobiphenyl ether	%		0.0005	N.D.
Deca-bromobiphenyl ether	%		0.0005	N.D.
Total PBBEs (PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%			N.D.
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%			N.D.

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 100, 106-1, No. 100, Road, Hsinchu Industrial Zone, Taipei county, Taiwan
 3000-2 22992031 1000-2 2299-2027 www.sgs.com.tw



Test Report

FUJII TITANIUM IND. CO., LTD.
12-8, SENGUN-CHO, HIRATSUKA-CITY, KANAKAWA-
PREF. JAPAN, (T) 81-463-32-0210

Report No. : CE/2006/75167
Date : 2006/07/25
Page : 3 of 4



Test Item (s):	Unit	Method	MDL	Result No. 1
Chromium VI (Cr+6)	ppm	UV-VIS (US EPA 7196A) after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	19.3

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

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 3000-2 22992031 1000-2 2299-2027 www.sgs.com.tw

11.2 Ag paste

SGS

Test Report No. F690501/LF-CTSGP06-26952 Date: October 27, 2008 Page 1 of 2

To: **METECH KOREA CO., LTD.**
 5-601 Dongyang Foragon offcetel 17-2 Jeongse-dong
 Bundang-gu
 Gyeonggi-do
 Gyeonggi-do
 Korea

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

Commodity : PDC11337HV
 SGS File No. : GP06-26952
 Received Date : October 20, 2008
 Test Performing Date : October 23, 2008
 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)

SGS Testing Korea Co. Ltd.
 Plato Kim
 Patrick An
 Monet Jeong
 Jiwon Seung
 (Testing Person)

Jeff Jang / Chemical Lab Mgr

This Test Report is issued by the Company subject to its General Conditions of Service printed on the reverse side of this report. The results shown in this report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.

SGS

Test Report No. F690501/LF-CTSGP06-26952 Date: October 27, 2008 Page 2 of 2

Sample No. : GP06-26952.001
 Sample Description : PDC11337HV
 Item No./Part No. : N/A
 Comments : Material is silver paste.

Heavy Metals

Test Item	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	US EPA 3020B(1996), US EPA 6010B(1996), ICP	0.5	N.D.
Lead (Pb)	mg/kg	US EPA 3020B(1996), US EPA 6010B(1996), ICP	5	N.D.
Mercury (Hg)	mg/kg	US EPA 3020B(1996), US EPA 6010B(1996), ICP	2	N.D.
Hexavalent Chromium (Cr VI)	mg/kg	US EPA 3020A(1996), US EPA 7150A(1992), UV	1	N.D.

Picture of Sample as Received:



*** End ***

NOTE: (1) N.D. = Not detected (<MDL)
 (2) ppm = mg/kg
 (3) MDL = Method Detection Limit
 (4) Estimated expanded uncertainty U with a coverage factor k=2, corresponding to a level of confidence of about 95%

The above certificate is the accredited test item by Korea Laboratory Accreditation Scheme (KOLAS) which signed the ILAC-MRA.

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11.3 Marking ink

SGS

Test Report No. F690501/LF-CTSGP06-27074 Date: October 27, 2008 Page 1 of 3

To: **IMAJE KOREA CO., LTD.**
 %1302, Daeryung Techno Town 7th
 Kusan-dong
 Keumcheon-ku
 SEOUL
 Korea

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

Commodity : ink-5135E black ink
 SGS File No. : GP06-27074
 Received Date : October 20, 2008
 Test Performing Date : October 23, 2008
 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)

SGS Testing Korea Co. Ltd.
 Plato Kim
 Monet Jeong
 Juliet Oh
 Jerry Jung
 (Testing Person)

Jeff Jang / Chemical Lab Mgr

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SGS

Test Report No. F690501/LF-CTSGP06-27074 Date: October 27, 2008 Page 2 of 3

Sample No. : GP06-27074.001
 Sample Description : ink-5135E black ink
 Style/Item No. : N/A

Heavy Metals

Test Item	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	US EPA 3020B(1996), US EPA 6010B(1996), ICP	0.5	N.D.
Lead (Pb)	mg/kg	US EPA 3020B(1996), US EPA 6010B(1996), ICP	5	N.D.
Mercury (Hg)	mg/kg	US EPA 3020B(1996), US EPA 6010B(1996), ICP	2	N.D.
Hexavalent Chromium (Cr VI)	mg/kg	US EPA 3020A(1996), US EPA 7150A(1992), UV	1	N.D.

Flame Retardants-PBBS/PBDEs

Test Item	Unit	Test Method	MDL	Results
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.
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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