

Max Antenna Gain = 0 dBi

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# APPLICATION FOR APPROVAL

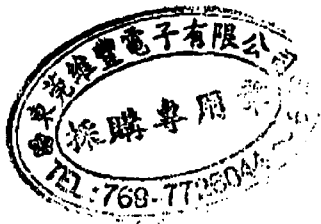
## 承認書

CUSTOMER (客戶): 維丰  
 PART NAME (產品名稱): ROD ANTENNA  
 TYPE NO (機種料號): \_\_\_\_\_  
 DRAWING NO (圖面號碼): YHP 089005  
 DATE (日期): 2001.5.14

LCS, 天线 (ZL1100000000)

### REMARKS (記事要項):

*2001.9.4 維豐 4/8*



*張*



### ATTACHED DOCUMENTS (附帶文件):

- P1: APPLICATION FOR APPROVAL
- P2: ANTENNA ASSY DRAWING
- P3: SPECIFICATION (IN ENGLISH)
- P4: SPECIFICATION (IN JAPANESE)
- P5: DATA SHEET
- P6: PACKING METHOD

\* NO HV the Electronic SP

## 盈豪(番禺)金屬製品有限公司

YING-HAO (PANYU) METAL MANUFACTURE CO., LTD.

中國廣東省廣州市番禺區欖核鎮八沙村工業區  
 BA-SA VILLAGE INDUSTRIAL ZONE, LAN-HE TOWN, PAN-YU BOROUGH,  
 GUANG ZHOU CITY, GUANG DONG PROVINCE, CHINA.

TEL: (020) 84929774

FAX: (020) 84929006

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# 天線試驗報告 TEST REPORT

YING HAO METAL IND. CD., LTD.

客戶 CUSTOMER	維丰	機種 MODEL	YH P089005					品名 PART NAME	拉桿天線 ROD ANTENNA			
送樣數 SAMPLE	5 pcs	測試數 TEST PES	6 pcs					訂單號 P/O NO.	SAMPLE			
測試種類 TEST	SAMPLE NO.	1	2	3	4	5	6	7	8	9	10	
	次數 TEST CYCLE	樣品										
旋轉力可靠性試驗 ROTATING TORQUE RELIABILITY TEST (kgcm)	測試前 INITIAL READING	2.8 2.8	3.0 3.0	3.2 3.2	2.8 2.8	3.0 3.0	3.0 2.8					
	100											
	200											
	300											
	400											
	500	1.8 2.0	2.0 2.2	1.8 2.0	1.6 1.8	1.8 2.0	1.6 1.6					
	800											
	1000											
	1600											
	2500											

REMARK :

1. SPECIFICATION : 1.0 ~ 6.0 (kgcm)



0302  
03/202  
5/14

判定 DISPOSITION	合格	檢驗日期 DATE TESTED	2001.5.14
檢驗員 TESTED BY	吳強	確認 APPROVED BY	5/14

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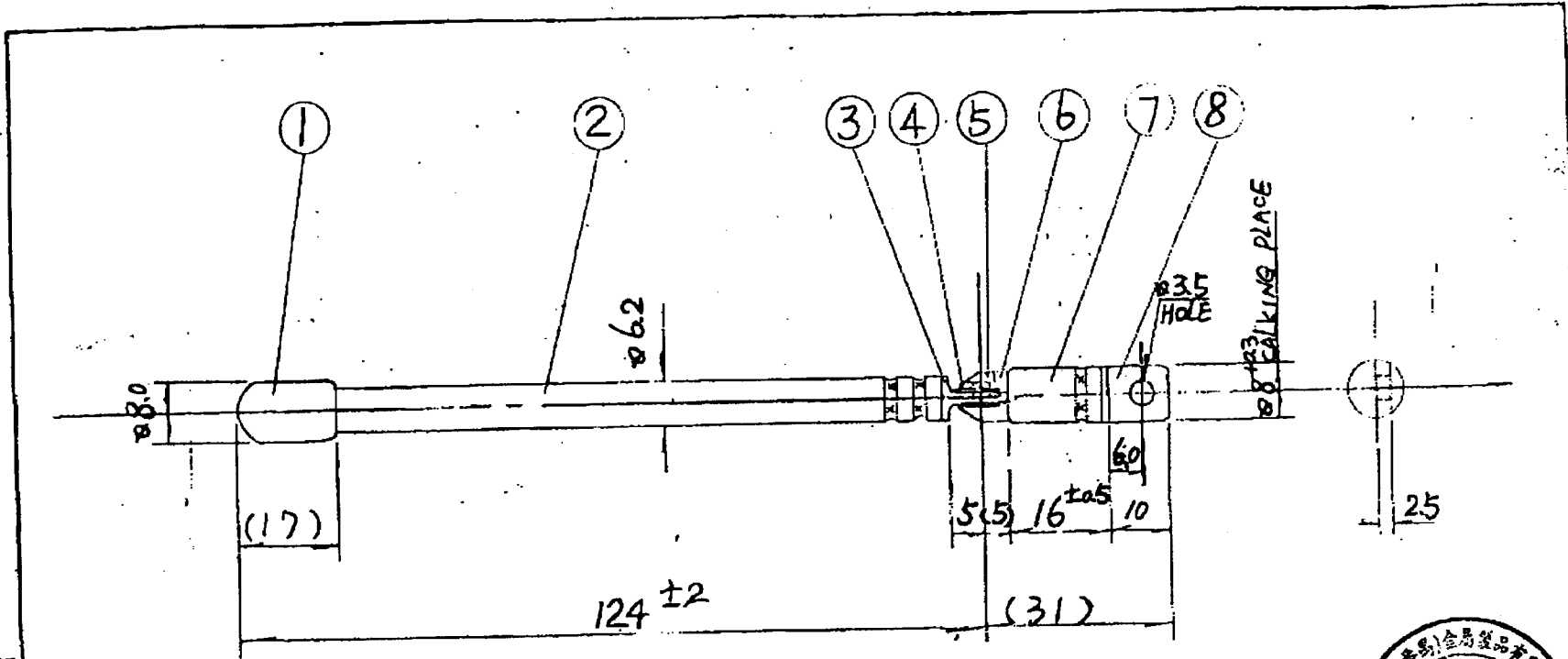
# 天線試驗報告 TEST REPORT

YING HAO METAL IND. CD., LTD.

客戶 CUSTOMER	維 丰	機種 MODEL	YHP089005					品名 PART NAME	拉杆天線 ROD ANTENNA		
送樣數 SAMPLE	5PCS	測試數 TEST PES	5PCS					訂單號 P/O NO.	SAMPLE		
測試種類 TEST	SAMPLE NO. 次數 TEST CYCLE: 樣品	1	2	3	4	5	6	7	8	9	10
屈折力可 靠性試驗 FLEXING TORQUE RELIABILITY TEST (kgcm)	測試前 INITIAL READING	2.6 2.6	3.4 3.6	2.8 2.8	2.6 2.6	2.6 2.8	3.0 2.8				
	100										
	200										
	300										
	400										
	500	2.2 2.2	2.6 2.6	1.8 2.0	1.4 1.6	1.8 1.8	2.2 2.0				
	800										
	1000										
	1600										
	2500										
抗張力 測試 PULL TEST 公斤 (kg)	讀數 READING 說明 REMARK										
REMARK:		1. SPECIFICATION: 1.0 ~ 6.0 (kgcm)									
判定 DISPOSITION	檢驗員 TESTED BY	檢驗日期 DATE TESTED	2001.5.14								
		確認 APPROVED BY	2001.5.14								



Handwritten notes and signatures on the right side of the form, including a date '5/14' and a signature.



8	GUIDE BASE	BSBM	1	CU/NI, BLU						
7	GUIDE PIPE	BST	1	BLACK CR						
6	STAND METAL	BSBM	1	BLACK CR						
5	SCREW	SWRM	1	BLACK						
4	WASHER	PBS	2	TP#2						
3	ANTENNA BASE	BSBM	1	BLACK CR	STAYSAIL					
2	ANTENNA	BST	1	BLACK CR	SCALE 1/1					
1	HEAD	POM	1	BLACK	UNIT mm					
SIGN	NOTE	MATERIAL	MFG	TOLERANCE ±0.2	SIGN	DATE	REVISION	DRW	CHECK	
DRW	CHECK	RECOG	DATE	DIAGRAM NUMBER	DIAGRAM NAME	TYPE	东莞维丰			
赵	张		2005.5.9	VHP 089005	ANT ASSY					



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<h1 style="margin: 0;">SPECIFICATION</h1>	<b>ROD ANTENNA</b> <i>東莞維平</i>
<p>1. TYPE _____ ANTENNA DELIVERY INSPECTION ACCORDING THIS SPEC.</p> <p>2. ANTENNA SIZE AND TOLERANCE ACCORDING DRAWING NO. <u>YHP089001</u></p> <p>3. EXTERNALS: EXTERIOR OF ANTENNA IS TO BE FREE FROM ANY CONSPICUOUS SCRATCHES, DENTS OR STAINS.</p> <p>4. MECHANICAL FEATURES:</p> <p>X 4.1 THE FORCE REQUIRED TO COLLAPSE ANTENNA SHALL BE FROM _____ KG TO _____ KG. AFTER _____ CYCLES OF EXTENDING AND COLLAPSING TEST IS PERFORMED AT THE RATE OF LESS THAN 7 PER MINUTE, THE EXTENDED ANTENNA MUST SUPPORT ITSELF AT ANY DESIRED POSITION.</p> <p>X 4.2 THE FORCE REQUIRED TO RETRACT ANTENNA INTO ANTENNA HOUSING GUIDE TUBE SHALL BE BETWEEN _____ KG AND _____ KG.</p> <p>4.3 ANTENNA MUST EXTEND AND COLLAPSE SMOOTHLY AFTER <u>7</u> KG WEIGHT IS SUSPENDED FROM TIP OF EXTENDED ANTENNA FOR ONE MINUTE.</p> <p>4.4 EXTENDED ANTENNA ROD MUST RETAIN 97% OF ITSELF SUSTAINING TOTAL LENGTH AFTER A 2MM HORIZONTAL VIBRATION TEST OF 1500 VIBRATIONS PER MINUTE IS APPLIED FOR 3 MINUTES.</p> <p>4.5 ANTENNA MUST EXTEND AND COLLAPSE SMOOTHLY AFTER A 0.2KG WEIGHT IS APPLIED AT TIP OF EXTENDED ANTENNA AND HELD IN A HORIZONTAL POSITION FOR ONE MINUTE.</p> <p>4.6 FLEXING TORQUE SHALL BE <u>1.0</u> KG-CM TO <u>6.0</u> KG-CM. AFTER A TEST OF <u>500</u> CYCLES OF FLEXING TORQUE IS PERFORMED AT THE RATE OF LESS THAN 7 PER MINUTE, THE EXTENDED ANTENNA MUST SUPPORT ITSELF IN ANY DESIRED POSITION.</p> <p>4.7 ROTATING TORQUE SHALL BE <u>1.0</u> KG-CM TO <u>6.0</u> KG-CM. AFTER A TEST OF <u>500</u> CYCLES OF ROTATING TORQUE IS PERFORMED AT THE RATE OF LESS THAN 7 PER MINUTE, THE EXTENDED ANTENNA MUST SUPPORT ITSELF IN ANY DESIRED POSITION.</p> <p>4.8 TEMPERATURE RANGE:                  OPERATING: -10°C TO +60°C                  STORAGE: -20°C TO +60°C</p> <p>5. SPECIFICATIONS OTHER THAN THOSE MENTIONED ABOVE ARE NEGOTIABLE BY REQUEST.</p>	



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△						
△						
SIGN	DATE	REVISION		DRW	CHECK	APPROVAL
DRW	CHECK	APPROVAL	DATE	DIAGRAM NUMBER	TYPE	
<i>[Signature]</i>			<u>2004.5.10</u>	<u>YHP089001</u>		



**YING-HAO METAL INDUSTRIAL CO., LTD.**