



SPECIFICATION FOR APPROVAL

承認書

客 戶 承 認 印 章	龍呈國際科技有限公司		
	Kaven 業 務	Eric 工 程	Chet 品 管

客 戶 智 邦 科 技 股 份 有 限 公 司

CUSTOMER

品 名 2.4/4.9~5.85GHz Swivel Antenna for 1.13 L=230 mm

SPECIES

料 號 FIB-204504-93

PART NO.

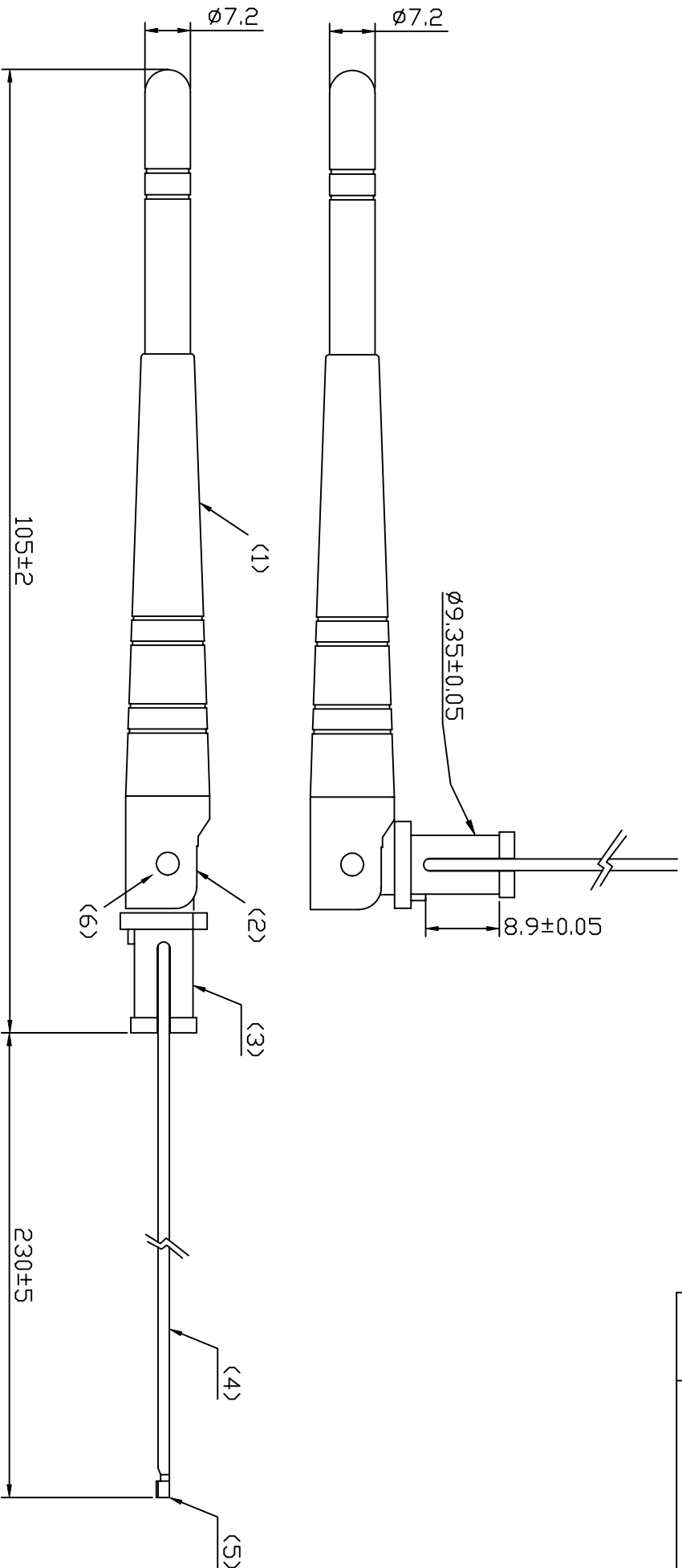
客 戶 料 號

CUSTOMER PART NO.

龍呈國際科技有限公司

Long Cheng Tech. Int'l Co., Ltd.

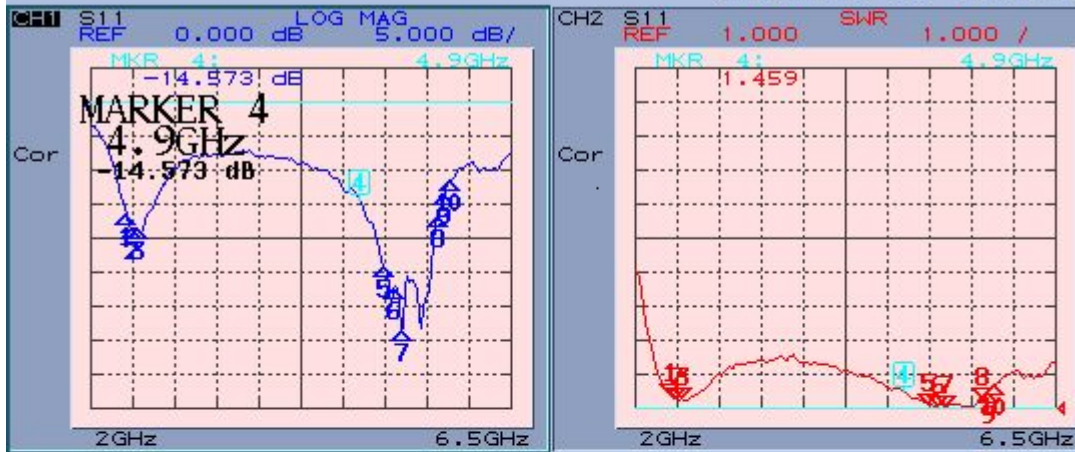
新竹縣竹北市中和街 62 巷 15 弄 3 號 3 樓
3Floor, No.3, Alley 15, Lane 62, Chung Ho St.,
Chu-Pei City, Hsin Chu, Taiwan, R.O.C
TEL: 03-5541117 FAX: 03-5541065



(6)	RIVET : Black Surface	1
(5)	CONN : IPX – MHF 20278–111R–13	1
(4)	CABLE : Ø1.13	1
(3)	BOTTON BASE : Polyac	1
(2)	UP BASE : Polyac	1
(1)	COVER : Characteristics	1
NO.	DESCRIPTION	Q'TY

UNIT		CUSTOMER		DESCRIPTION	
mm		CHK		2.4/4.9-5.85GHz S-Antenna for Ø1.13 L=230mm	
MATERIAL		FINISH		DIMENSION:	
SEE NOTE		DWN		1 PLC ±0.5	
SEE NOTE		NICOLE		2 PLC ±0.3	
1 Change Cable Ø1.13		5/24/04*		3 PLC ±0.2	
0 NEW RELEASE		3/23/04*		ANGLES ±5°	
LTR REVISION RECORD		DWN		PART NUMBER	
		CHK		F1B-204504-93	
		DATE		SIZE	
				A4 1/1	
				SCALE	
				SHEET	
				1 OF 1	
				REV	
				0	

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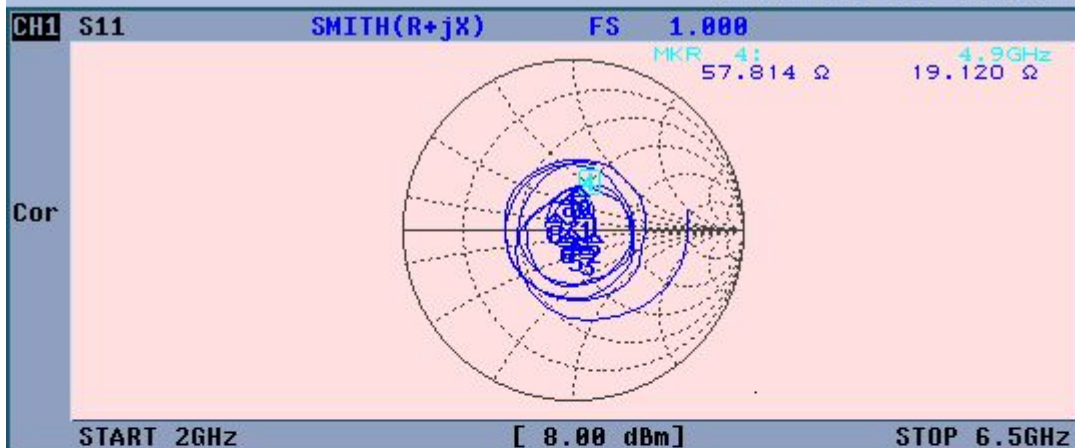
CH1 MARKER LIST

1	2.400	000GHZ	55.607	14.175	0.940nH
2	2.450	000GHZ	63.044	-944.527m	68.776pF
3	2.500	000GHZ	56.951	-10.049	6.334pF
4	4.900	000GHZ	57.855	19.135	621.539pH
5	5.150	000GHZ	51.353	-6.243	4.949pF
6	5.250	000GHZ	46.048	-1.067	28.400pF
7	5.350	000GHZ	48.742	1.697	50.493pH
8	5.725	000GHZ	39.810	8.512	236.660pH
9	5.800	000GHZ	43.941	19.673	539.857pH
10	5.850	000GHZ	47.142	26.407	718.428pH

CH2 MARKER LIST

1	2.400	000GHZ	55.607	14.175	0.940nH
2	2.450	000GHZ	63.044	-944.527m	68.776pF
3	2.500	000GHZ	56.951	-10.049	6.334pF
4	4.900	000GHZ	57.855	19.135	621.539pH
5	5.150	000GHZ	51.353	-6.243	4.949pF
6	5.250	000GHZ	46.048	-1.067	28.400pF
7	5.350	000GHZ	48.742	1.697	50.493pH
8	5.725	000GHZ	39.810	8.512	236.660pH
9	5.800	000GHZ	43.941	19.673	539.857pH
10	5.850	000GHZ	47.142	26.407	718.428pH

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CH1 MARKER LIST

1	2.400	000GHZ	55.607	14.175	0.940nH
2	2.450	000GHZ	63.044	-944.527m	68.776pF
3	2.500	000GHZ	56.951	-10.049	6.334pF
4	4.900	000GHZ	57.855	19.135	621.539pH
5	5.150	000GHZ	51.353	-6.243	4.949pF
6	5.250	000GHZ	46.048	-1.067	28.400pF
7	5.350	000GHZ	48.742	1.697	50.493pH
8	5.725	000GHZ	39.810	8.512	236.660pH
9	5.800	000GHZ	43.941	19.673	539.857pH
10	5.850	000GHZ	47.142	26.407	718.428pH

Dual Band Omni-directional Antenna report

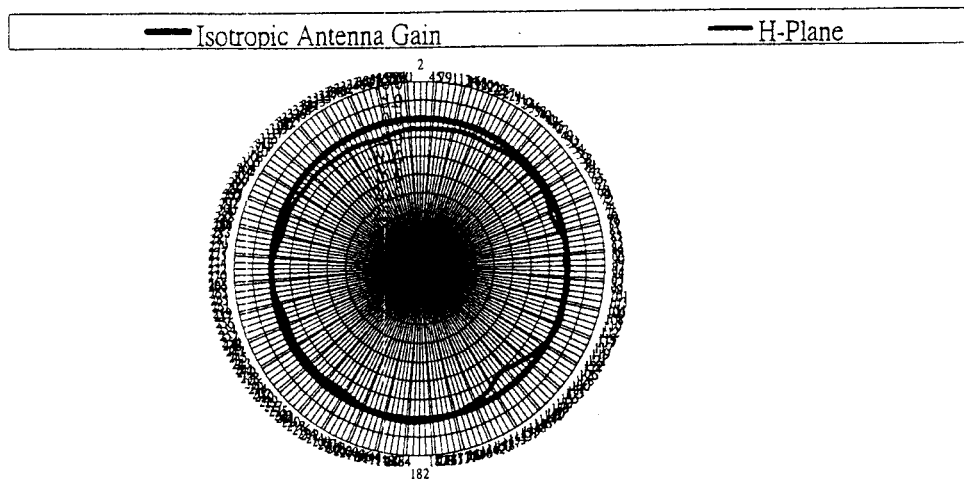
I. Antenna Gain

<i>Frequency</i>	<i>2.45</i>	<i>5.0</i>	<i>5.25</i>	<i>5.75</i>
<i>Gain (dBi)</i>	1.82	3.67	4.28	3.48

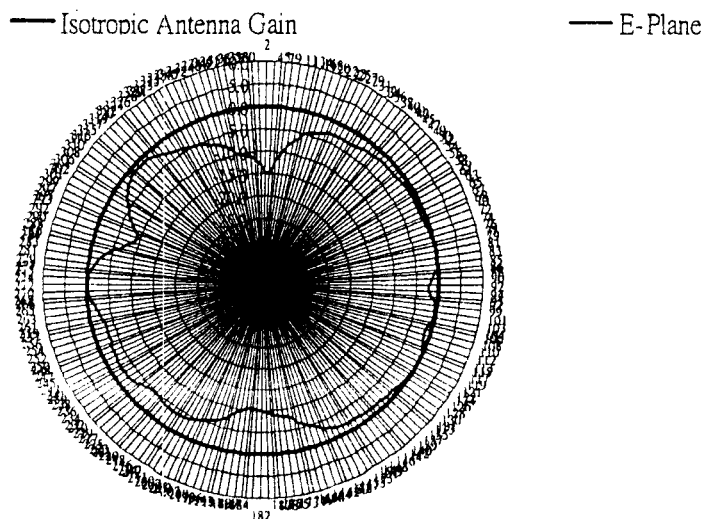
II. Radiation Pattern

2.1 H-plane

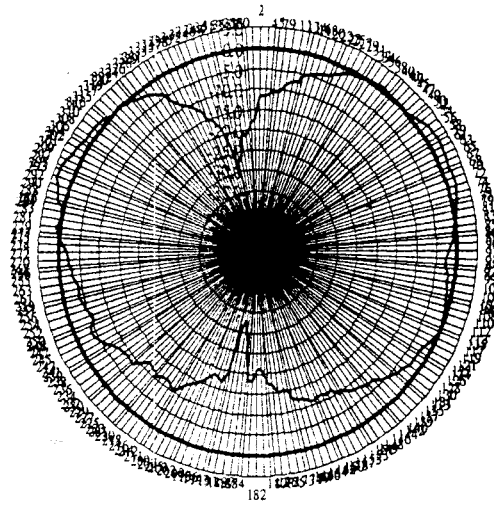
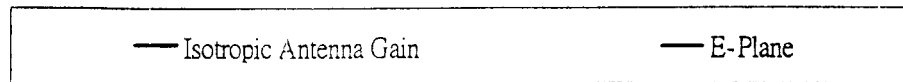
Antenna Radiation pattern -@2.45GHz



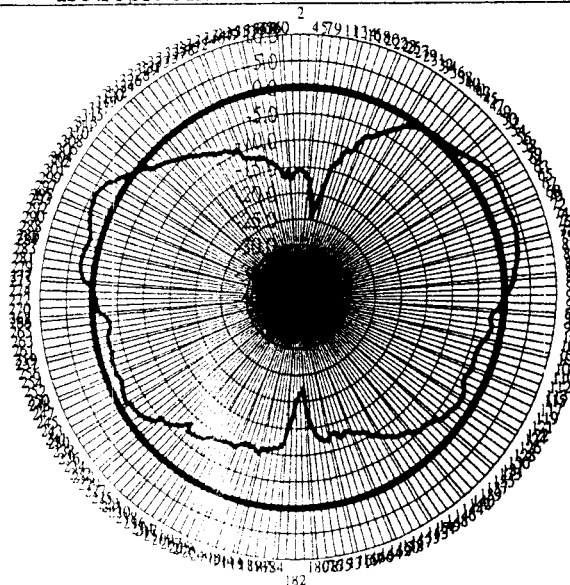
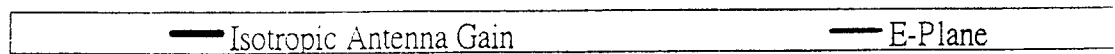
Antenna Radiation pattern -@2.45GHz



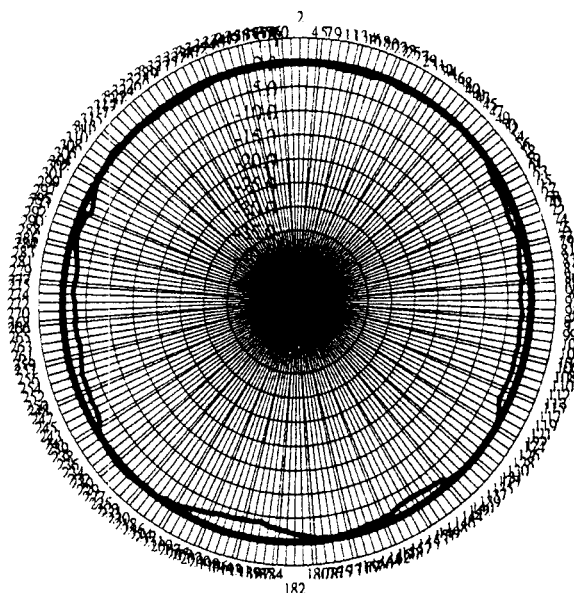
Antenna Radiation pattern -@5.0GHz



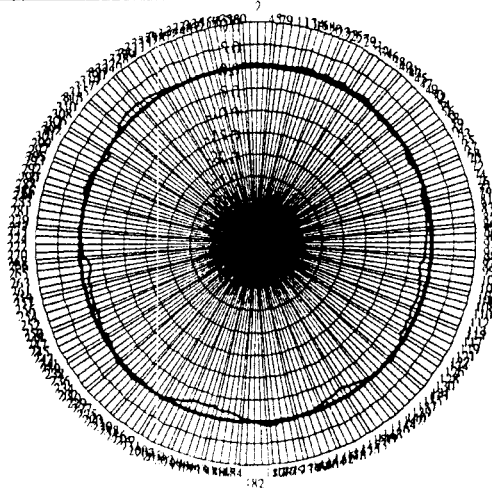
Antenna Radiation pattern -@5.25GHz



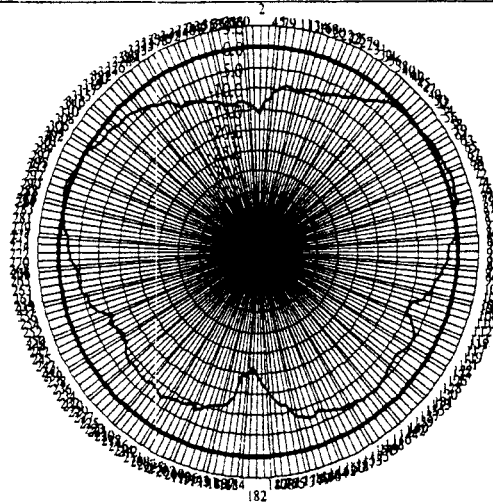
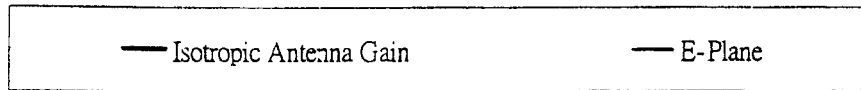
— Isotropic Antenna Gain — H-Plane



— Isotropic Antenna Gain — H-Plane.



Antenna Radiation pattern -@5.75GHz



Antenna Radiation pattern -@5.75GHz

