

# APLUS PRODUCTS

Specification No.
SA0400051(2)

## SPECIFICATION OF ANTENNA

**Customer Name** : CALLISTO ELECTRONICS

**Product Name** : 橡膠天線

**Model No.** : RA-80037(C9-038/A)

**Customer Model No** :

**Customer Part NO** :

**Issued Date** : 2002/3/5

### APPROVAL CHOP/SIGN:



Please fax this front page with authorized signature and company chop as customer's approval on samples.

## RUBBER ANTENNA SPECIFICATION

Specification no.: SA0400051(2)

**CUSTOMER:** CALLISTO ELECTRONICS **MODEL:** RA-80037(C9-038/A)

**1 Application**

The antenna specified in this specification is applicable for the cordless phone

**2 Dimensions**

As per Drawing No. RA8003701A038A-C9 attached.

**3 Materials**

As specified in drawing No. RA8003701A038A-C9

**4 Electrical Characteristics**

- i) Resonate Frequency : 433±10 MHZ
- ii) Impedance : 50 ohm Nominal(Depend on available ground plane)
- iii) Radiation Pattern : Omni Directional
- iv) Polarization : Vertical
- v) Standing Wave Ratio(S.W.R): 2.0 or less
- vi) Insulation resistance : 500M ohm at DC 500V

**5 Mechanical Characteristics**

i) The strength of fixing between sleeve and stud shall withstand the following stresses

- Vertical Direction : 2.0 kgs
- Rotating Direction : 2.0 kgcm

**6 General Characteristics**

- i) Storage Temperature : -30°C to 80°C
- ii) Operating Temperature : -30°C to 60°C
- ii) Vibration Test : There shall be no defects in appearance or the mechanical and electrical functions after the antenna being tested by a regular mounting device under the following conditions:
  - a) Displacement : ±5°C of the axis original position
  - b) Duration : 1000 cycles/minutes
  - c) Time : 5 minutes
- iv) Shock Resistance : Satisfy the electrical and mechanical characteristics after drop down with 100g upon rubber

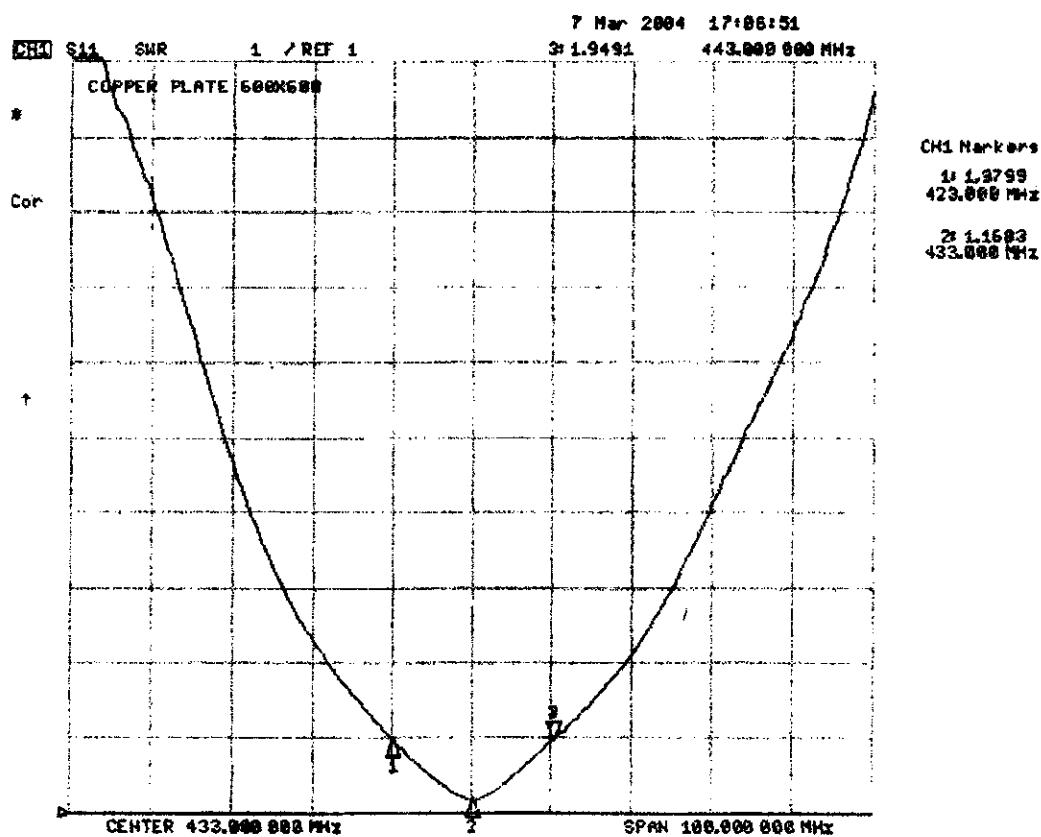
7 Others : Any modification of this specification has to be agreed by us.

Prepared By:

Checked By:

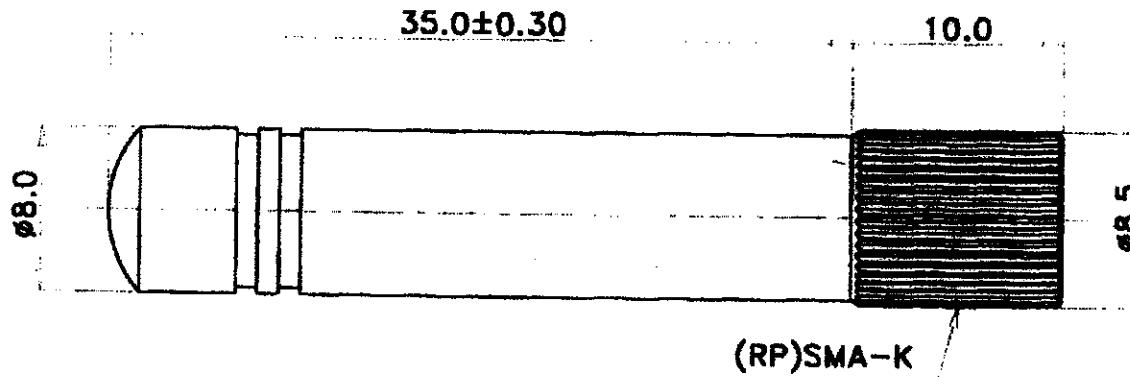
Approval:

SA0400051(2)  
RA-80037(C9-038/A)



第三角畫法  
SA0400051(2)

REV.	ISSUE FOR	OLD DRAWING NO.	DATE	
				$80 < L < 250$ $\pm 0.50$
				$25 < L < 80$ $\pm 0.40$
				$8 < L < 25$ $\pm 0.30$
				$L < 8$ $\pm 0.20$
				線性尺寸 L 未注尺寸偏差 未注明公差



注：

1. 膠管顏色為：黑色
2. 天線工作頻率為：433±10MHz.

TITLE	橡膠天線	SCALE	3 : 1	DRAWN	張天寶	25/02/04
PART NAME	RA-80037(C9-038/A)	MATERIAL		INSPECTED		
		HANDLING		APPROVED		
		DRAWING NO.			RA8003701B038A-C9	