

From:

04/08/2004 10:33 #194 P.001

To: 中商 / MS JADALBE

A-1

From: BONDALBE / ERIC

Specification No.

SA0400126

SPECIFICATION OF ANTENNA

Customer Name : CHUNG NAM ELECTRONIC CO., LTD

Product Name : 橡膠天線

Model No. : RA-13200(C130-054/β)

Customer Model No :

Customer Part NO :

Issued Date : 2004/5/8

APPROVAL CHOP/SIGN:



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

BONDALE IND.LTD.



Bondale Industries Ltd.

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博鉅實業有限公司

RUBBER ANTENNA SPECIFICATION

Specification no.: SA0400126

CUSTOMER: CHUNG NAM ELECTRONIC **MODEL:** RA-13200(C130-054/β)

1 Application

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

2 Dimensions

As per Drawing No. RA1320001B054A-C130 attached.

3 Materials

As specified in drawing No. RA1320001B054A-C130

4 Electrical Characteristics

- i) Resonate Frequency : 2440±50 MHZ
- ii) Return loss : -10 dB or less
- iii) Radlation 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
- vii) gain : 2.1 dBI

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

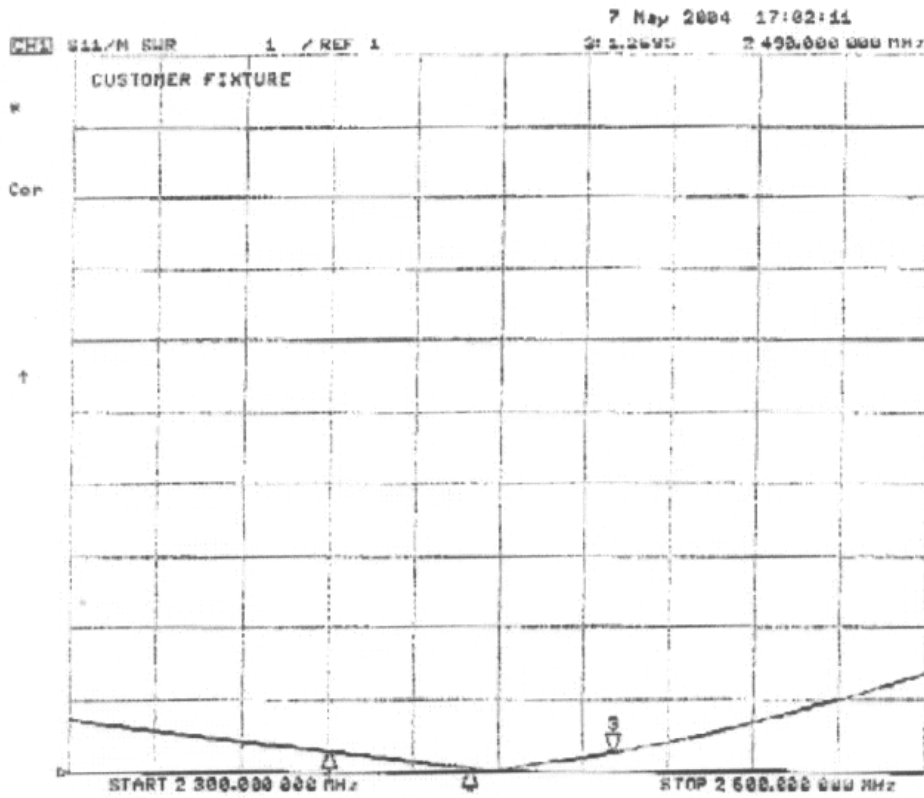
6 General Characteristics

- i) Storage Temperature :-30°C to 80°C
- ii) Operating Temperature :-30°C to 60°C
- ii) Vlsbration 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: 

SA0400126
RA-13200(C130-054/β)



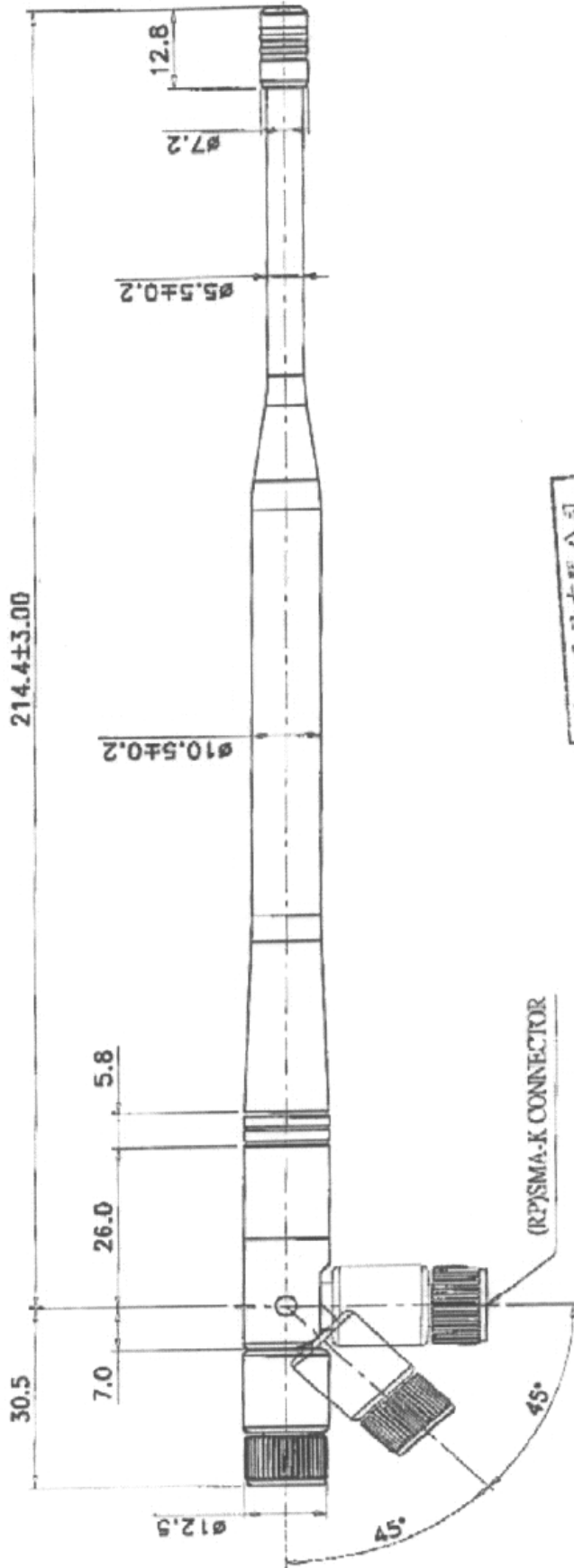
CH1 Markers
1: 1.2500
2.35000 0Hz
2: 1.0504
2.44800 0Hz

劉偉傑 梁志榮

A16247

REV.	ISSUE FOR	DWG. NO.	DATE	80 < L <= 250	±0.50
①				25 < L <= 80	±0.40
				8 < L <= 25	±0.30
				L <= 8	±0.20

線性尺寸
未註明公差



尚鉅電子有限公司
08 MAY 2004
設計部出圖

B

- 注:
- 1.天線膠管顏色為黑色.
 - 2.天線工作頻率為2440±50MHz.
 - 3.高頻連接器為:(RP)SMA-K.

TITLE	橡膠天線	SCALE	1 : 1	DRAWN	張天寶	05/04/03
PART NAME	RA-13200(C130-054)A	MATERIAL		INSPECTED		
		HANDLING		APPROVED		
BONDALE ELECTRONICS LTD.		DRAWING NO.	RA1320001B054A-C130			