

702 ITS

177 Ben Ho.

2745 K706

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From: Tony Chau

RUBBER ANTENNA SPECIFICATION

Specification no.: SA-0881

CUSTOMER:**MUSICAL****MODEL: RA-14078(M2-003/A)****1 Application**

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

2 Dimensions

As per Drawing No.

RA1407801B003A-M2

attached.

3 MaterialsAs specified in drawing No. **RA1407801B003A-M2****4 Electrical Characteristics**

- i) Resonate Frequency : 465 ± 3 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

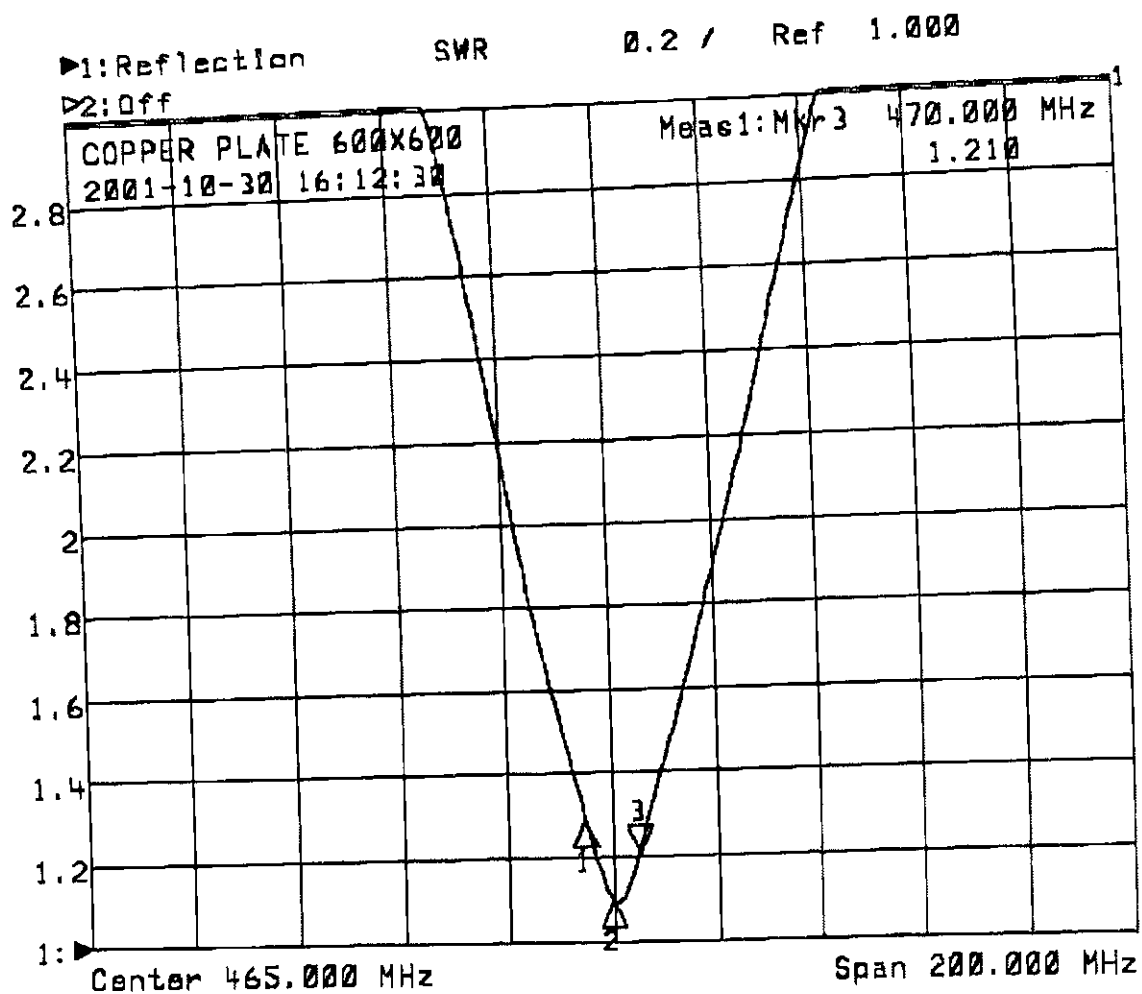
6 General Characteristics

- i) Storage Temperature : -30°C to 80°C
- ii) Operating Temperature : -30°C to 60°C
- iii) 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 : $\pm 5^{\circ}\text{C}$ 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 block

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

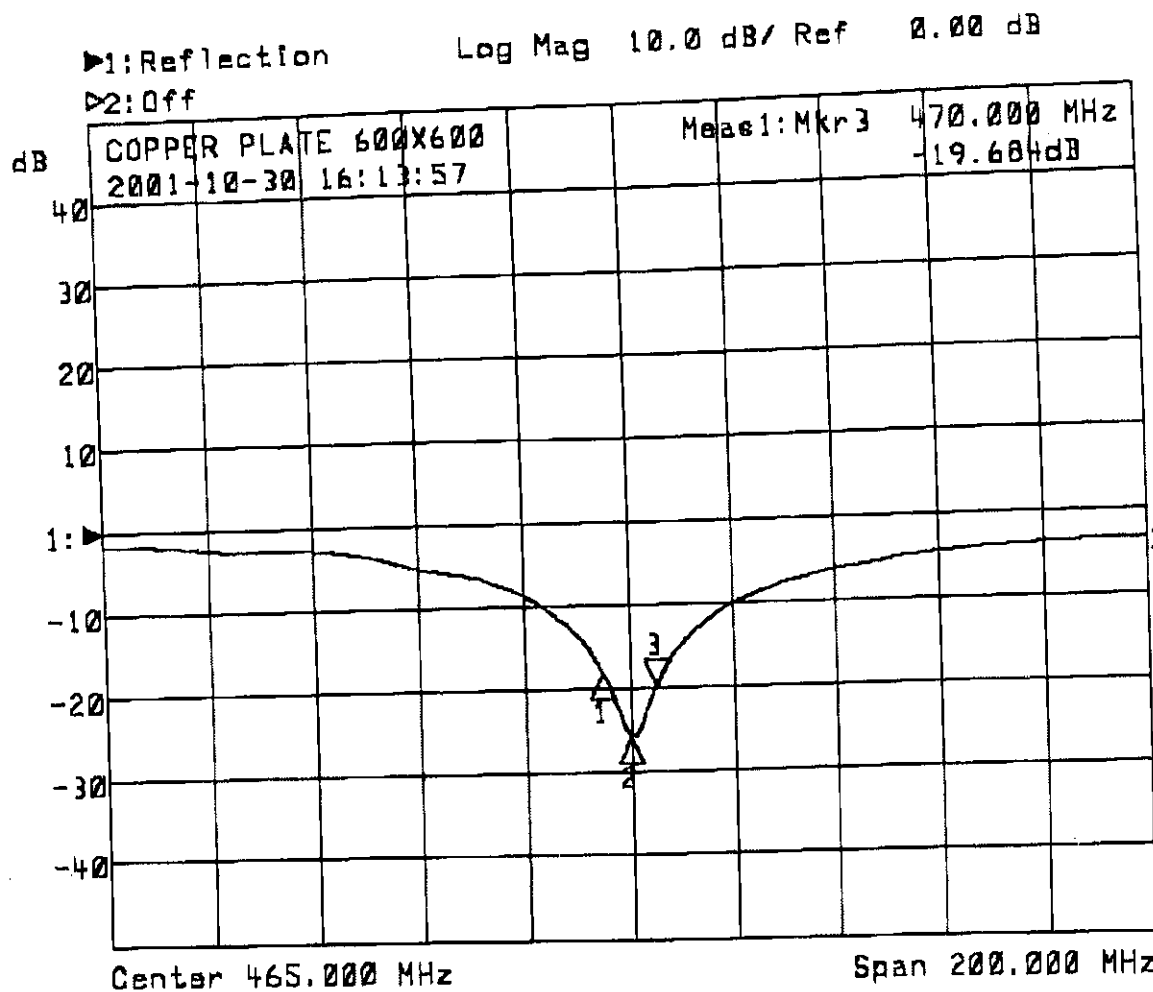
Prepared By: 溫有金 Checked By: 李燕飛 Approval: 張萬春

RA-14078(M2-003/A)



1:Mkr (MHz)	2:Mkr (MHz)	dB
1: 460.0000	1.292	
2: 465.0000	1.100	
3: 470.0000	1.210	

RA-14078(M2-003/A)

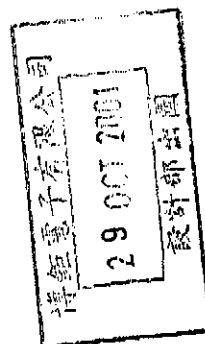
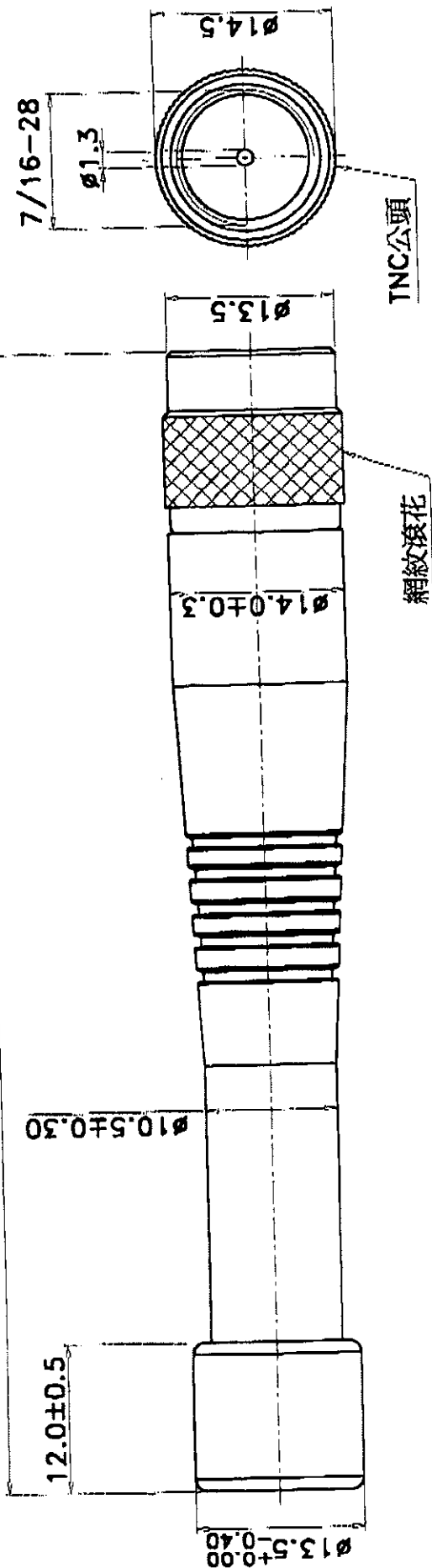


1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 460.0000	-18.095		
2: 465.0000	-25.635		
3: 470.0000	-19.684		

第三角畫法

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

93.0±1.0



TITLE	橡膠天線	SCALE	2 : 1	DESIGNED
PART NAME	RA-14078(M2-003/A)	MATERIAL		DRAWN
		HANDLING		INSPECTED
		VERSION	A/0	APPROVED
BONDAL ELECTRONICS LTD.		DRAWING NO.	RA1407801B003A-M2	

注:

1. 天線的接受頻率為465±3MHZ.
2. 天線彈簧材質為紅銅.

黃永祥 05/10/01

20/10/01