SPEC for APPROVAL

CUSTOMI	福彥電子開發股份有限公司					
PART NAME	AECAP02ANT(GSM 三頻天線)					
CUSTOMER'S DWG.	NO					
CUSTOMER'S PART	NO. <u>ANTGSMOL</u>	•••				
OUR PART NO						
QUANTIT	2 pcs					

ACTION RESULT	" V "	CUSTOMER SIGNATURE	NOTE
FULL APPROVED			
CONDITIONAL APPROVED		.,,	
REJECTED			

OUR ACTION	APPROVED BY	CHECKED BY	PREPARED BY
SIGNATURE	JASON	RUTH	NICK

尚源科技有限公司 台中縣清水鎮中社路105號

Tel: 886-4-26564462 Fax: 886-4-26581510

尚源科技有限公司

09/07/05 MODEL: GSM Ant 900/1800/1900 MHz DATE: 14:14 Page DEVICE ID: AEC91819ANT OPERATOR: START: 0.600000000 GHz GATE START: ERROR CORR: REFL PORT1 STOP: 2.100000000 GHz GATE STOP: AVERAGING: 1 PT STEP: 0.003750000 GHz GATE1: IF BNDWDTH: 1 KHz WINDOW:

PARAMETER:

-S11-

NORMALIZATION:

OFF

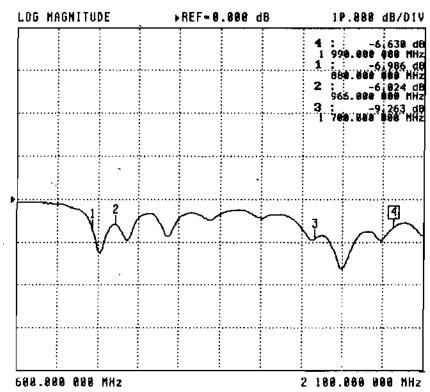
REFERENCE PLANE:

SMOOTHING:

0.0000 0.0 PERCENT

DELAY APERTURE:

S11 FORWARD REFLECTION TRANSHISSION/REFLECTION



CH 1 - S11 REFERENCE PLANE 0.0000 am

1: 866.000000 MHz -6.986 dB

966.080000 NHz 2 + -6.024 dB

3: 1,788888888 GHz -9.263 dB

1.990000880 GHz -6.630 dB

MARKER TO PEAK

MORE

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MODEL: GSM Ant 900/1800/1900 MHz DATE: 09/07/05 14:14 Page 1 DEVICE ID: AEC91819ANT

OPERATOR:

START: 0.600000000 GHz GATE START:

ERROR CORR: REFL PORT1

2.100000000 GHz GATE STOP:

AVERAGING: 1 PT

STEP:

0.003750000 GHz GATE:

WINDOW:

IF BNDWDTH: 1 KHz

--CH1------S11-

NORMALIZATION:

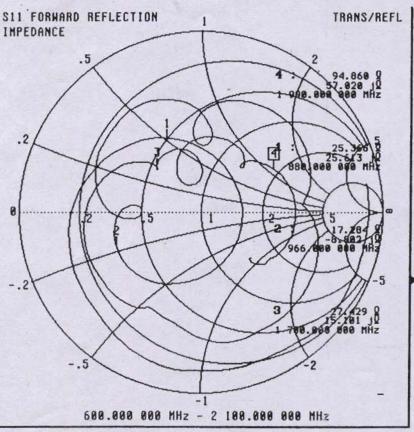
PARAMETER:

OFF

REFERENCE PLANE: SMOOTHING:

0.0000 mm 0.0 PERCENT

DELAY APERTURE:



CH 1 - S11 REFERENCE PLANE 0.0000 mm

1: 888.000000 MHz

25.366 Ω 25.613 jΩ

966.000000 MHz

17.284 Q -8.882 JQ

3: 1.700000000 GHz

27.429 Q 15.101 jQ

4: 1.990000000 GHz 94.86€ 2

57.020 jQ

MARKER TO PEAK

HORE

尚源科技有限公司

MODEL: GSM Ant 900/1800/1900 MHz DATE: 09/07/05 14:17 Page 1 DEVICE ID: AEC91819ANT OPERATOR: START: 0.600000000 GHz GATE START: ERROR CORR: REFL PORT1 STOP: 2.100000000 GHz GATE STOP: AVERAGING: 1 PT STEP: 0.003750000 GHz GATE: IF BNDWDTH: 1 KHz WINDOW: --CH1----PARAMETER: -S11-

PARAMETER: NORMALIZATION: REFERENCE PLANE:

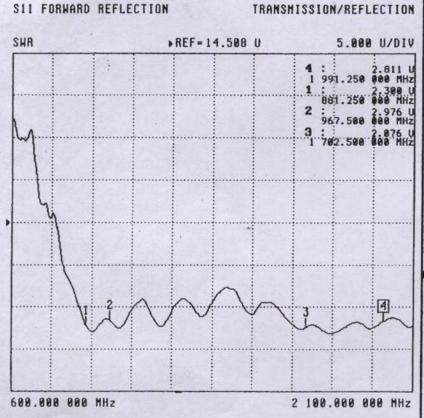
OFF 0.0000

SMOOTHING:

0.0 PERCENT

DELAY APERTURE: .

Elizabeth Elizabeth



CH 1 - S11 REFERENCE PLANE 0.0000 mm

1: 881.250000 MHz 2.300 U

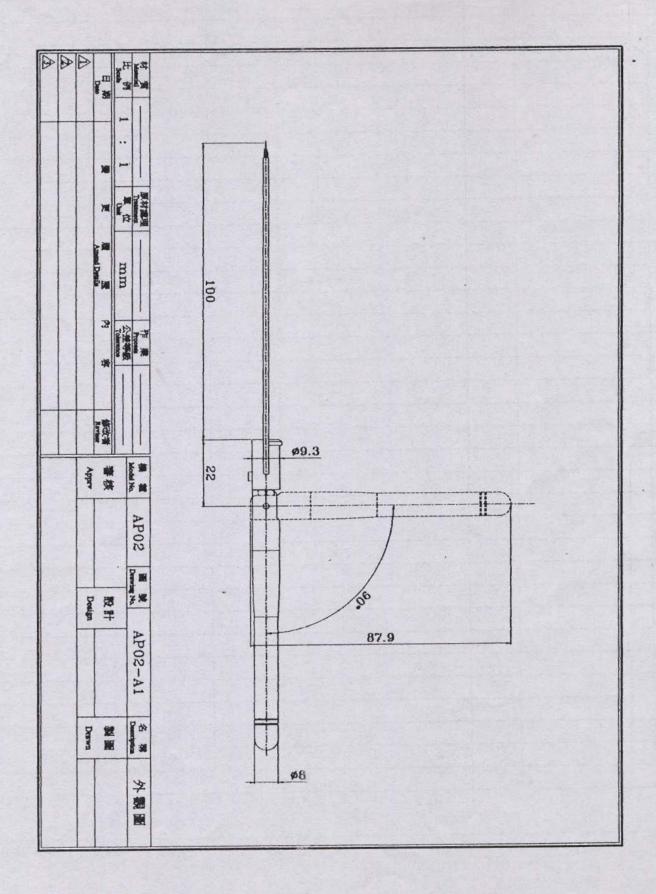
2: 967.500000 MHz 2.976 U

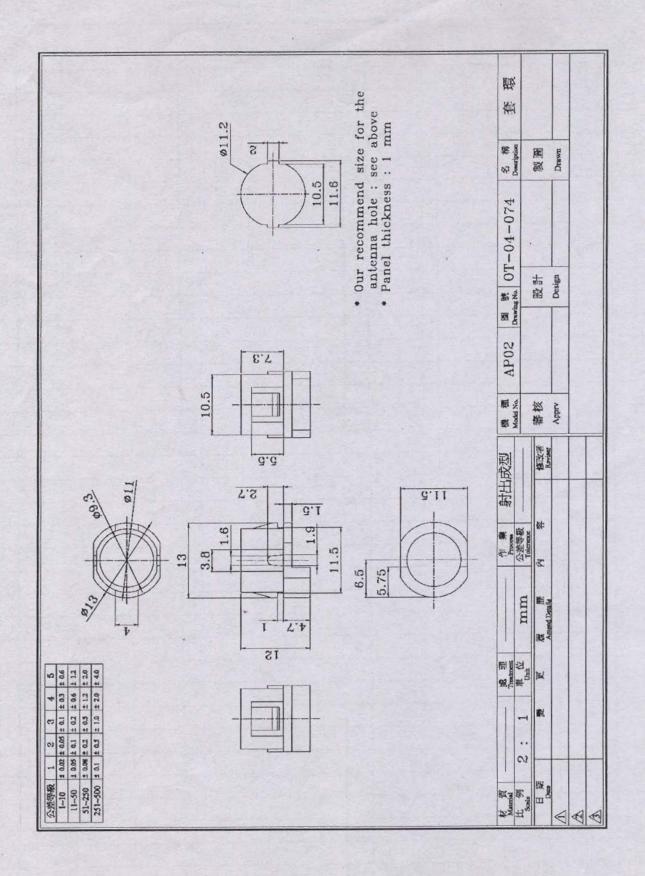
3: 1.702500000 GHz 2.076 U

4: 1.991250000 GHz 2.811 U

MARKER TO PEAK

HORE





ELECTRICAL SPECIFICATION

1. ANTENNA TYPE : Dipole Antenn

: Dipole Antenna 6. ADMITTED POWER RADIATION: 3W

: Omni

(RG-178 100mm+Soliding)

2. FREQENCY RANGE : 900MHz/1800MHz/1900MHz 7. TYPE OF RADIATION

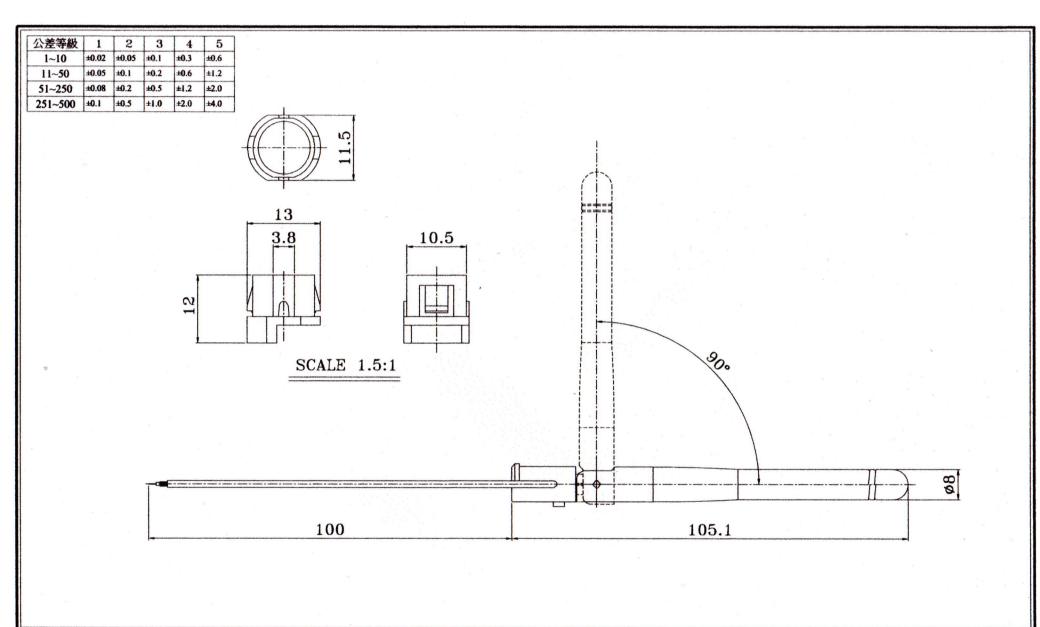
3. IMPENDANCE : 50 Ohms 8. POLARIZATION : Vertical

4. GAIN : 900MHz < 2.0 dBi 9. ELECTRICAL LENGTH : $1/4 \lambda$ Dipole

: 1800 MHz < 0 dBi

: 1900MHz < 0 dBi

5. VSWR : \leq 2.0



材 質 Material	***************************************	di manan	原材處理 Raw material			作	業 Process	組立加工	1
比例 Scale	1:	1	再處理 Treatment	***************************************		型 公差	立 Unit 等級 Tolerance	mm 2	士
日期 Date		變	更	履 Amend	歷 Details	內	容	修改者 Reviser	
\triangle									
A				AND DESCRIPTION OF STREET, STR					1

機 種 Model No.	AP02-bcd	圖 號 Drawing No	AP	02-bcd-A1	名 稱 Description	Outline	Figure
審核		設	計	,	製圖		
Apprv		De	sign		Drawn		