

日期 (DATE) : 2015-06-02



福州捷雷电子科技有限公司

Fuzhou Jielei Electronic Technology CO.,LTD

承 认 书
APPROVAL SHEET

客户名称：

CUSTOMER:

客户规格：

CUSTOMER P/N:

客户品名：

DESCRIPTION:

2.4G1 WIFI 天线

捷雷料号：

P/N:

C168-JL-2858 (L=65MM, 1.13, 灰色线) V1.2

捷雷品名：

PART NO:

WIFI Embedded Type Antenna

回签栏：（请贵司确认，签章后回传，谢谢！）

品 质 部	工 程 部

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传真：0591-83755510

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1. Technical Specification

A.Electrical Characteristics	
S.W.R. Test in PC	$\leq 2.5 @ 2.40\text{GHz} \sim 2.50\text{GHz}$
Frequency Range(GHz)	$2.40\text{GHz} \sim 2.50\text{GHz}$
Impedance	50 Ohm
Return Loss	$< -8\text{dB} @ 2.4\text{GHz} \sim 2.5\text{GHz}$
Gain	2dBi(Typ)
Electronic wave	$1/4 \lambda$ dipole
Radiation pattern	Vertical Polarization
B.Material	
Material of Radiator	
Cable Length	65MM
C.Environmental	
Operation Temperature	
Storage Temperature	



2、Measurement Setup

(1)Reflection coefficient Measurement:

(a)Instrument:Network Analyzer

(b)Setup:

(I)Calibrate the Network Analyzer by one port calibration using O.S.L calibration kits.

(II)Connect the antenna under test to the Network Analyzer

(III)Measure the S11 (reflection coefficient) shown in Fig.1

(IV)Generally the S11 is less than -10dB to ensure the 90% power into antenna and only less than 10% power back to system.

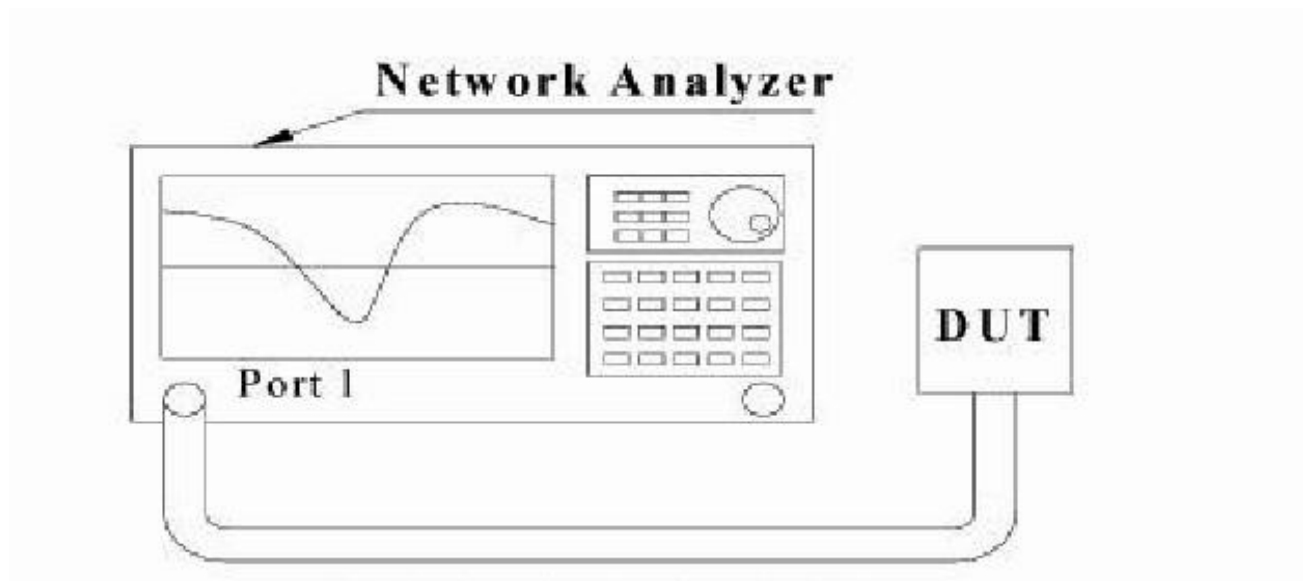


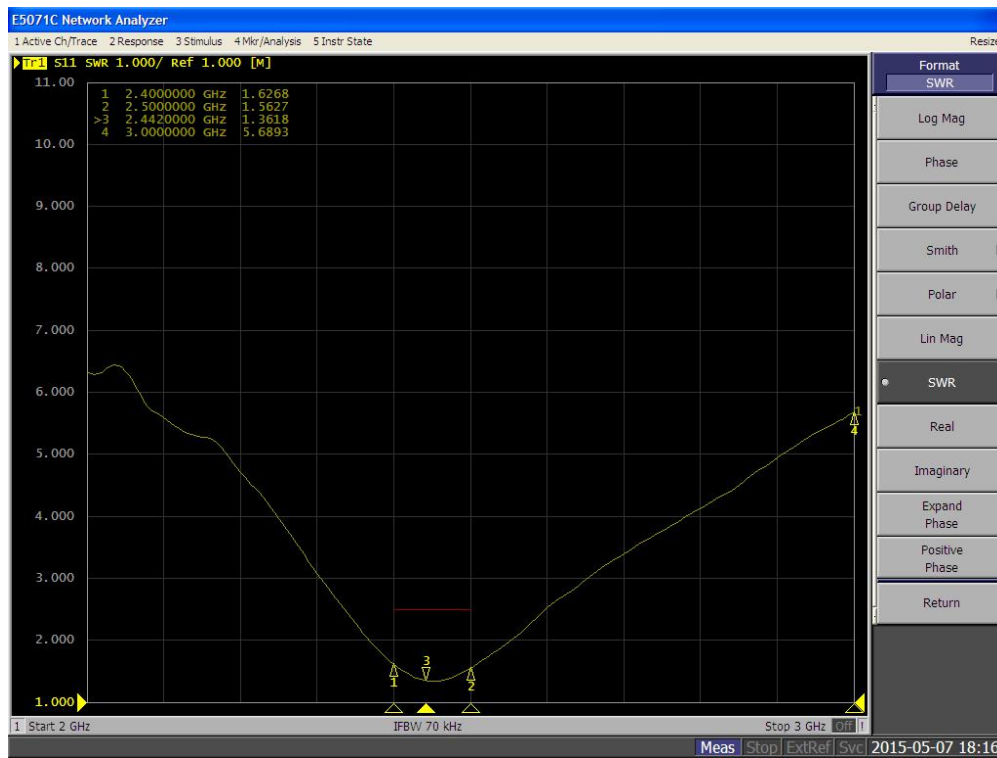
Fig. 1 Measure S11 on Network Analyze



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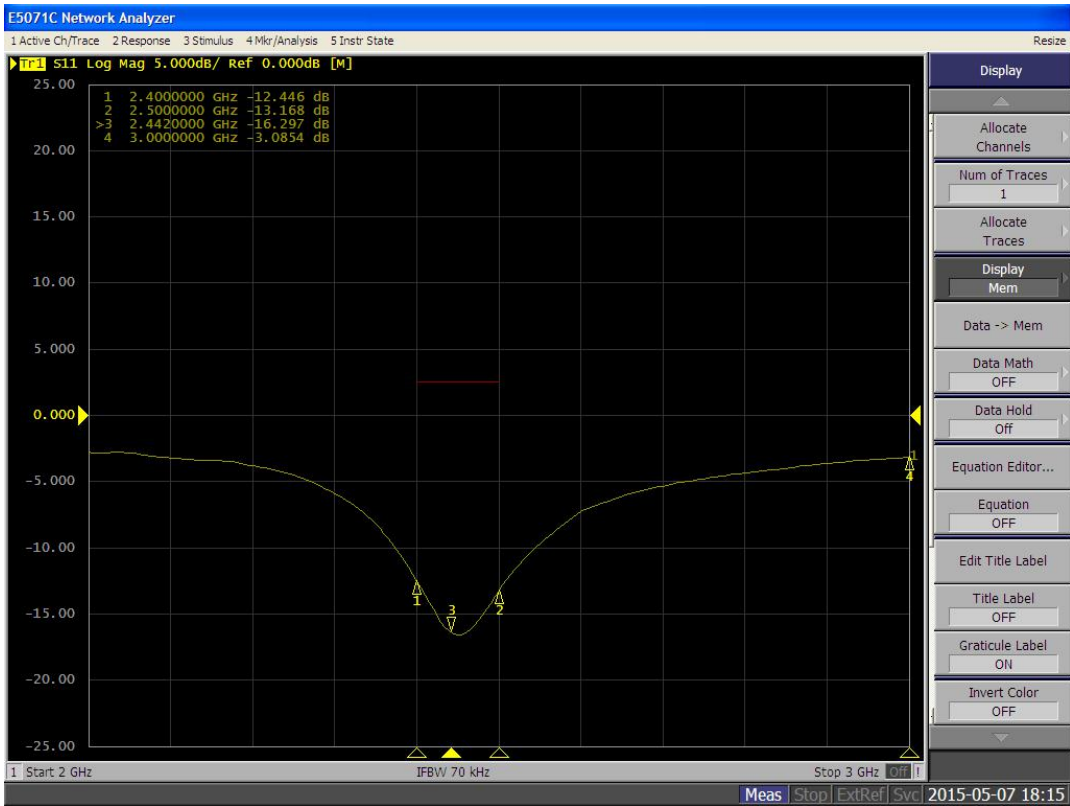
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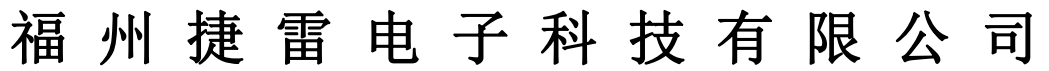
3、S.W.R Testing Result



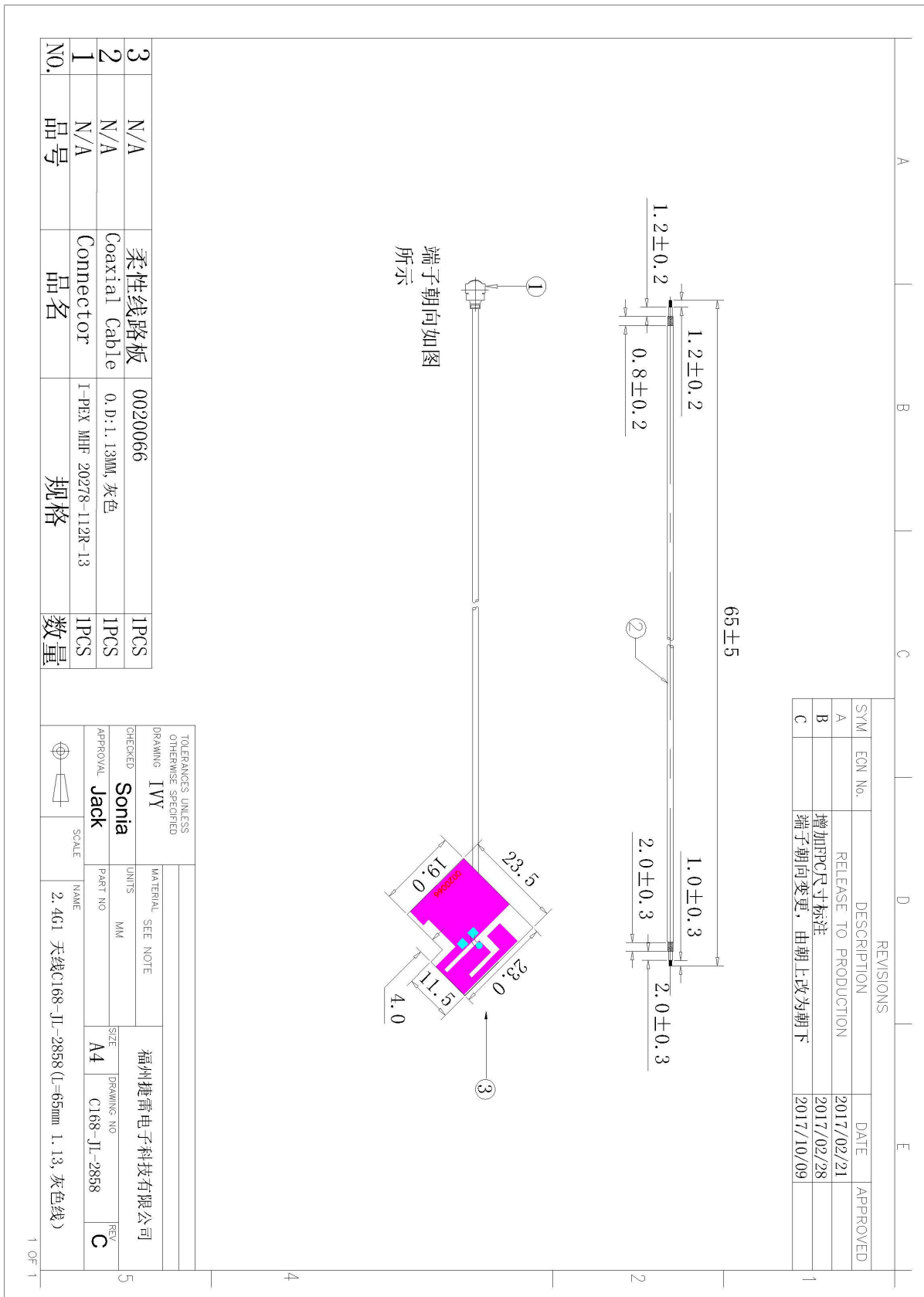


4、Reflection Coefficient

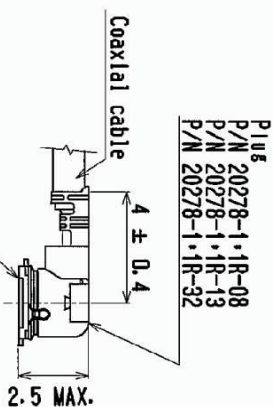
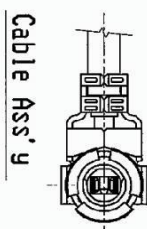
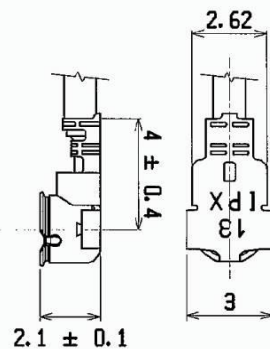
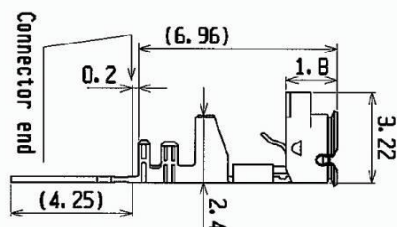
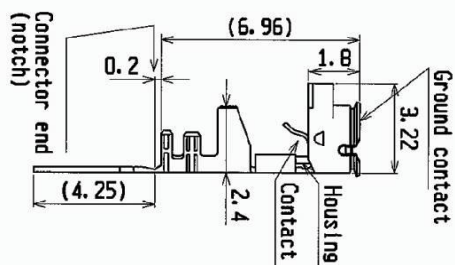
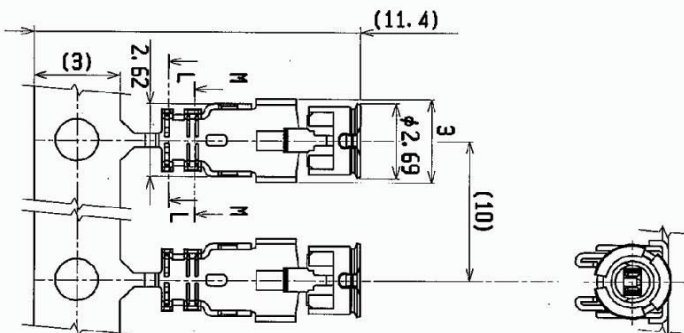




5、 Mechanical Dimension Drawing



PART NO.
20278-••1R-••



MATING

Receptacle
Part No. 20279-001E-01

GENERAL TOLERANCE	
6 MAX.	±0.2
6 OVER MAX. 30	±0.3
30 OVER MAX. 120	±0.5
ANGLE	±2°

[illegible]

FORM REV. 4

WAS T

6/1 min

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01707

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