

**TP-LINK®**

# Antenna Specification



Product Number: 6035500079

Product Name: Antenna

**TP-LINK®**

---

## **COPYRIGHT & TRADEMARKS**

Specifications are subject to change without notice. **TP-LINK®** is a registered trademark of TP-LINK TECHNOLOGIES CO., LTD. Other brands and product names are trademarks or registered trademarks of their respective holders.

No part of the specifications may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-LINK TECHNOLOGIES CO., LTD. Copyright © 2011 TP-LINK TECHNOLOGIES CO., LTD. All rights reserved.

<http://www.tp-link.com>

Product Number: 6035500079

Product Name: Antenna

**TP-LINK®**

## Specification For Approval

Date: \_\_\_\_\_

File No. : \_\_\_\_\_

Version: 1.0

Customer: \_\_\_\_\_ / \_\_\_\_\_

Customer P/N : \_\_\_\_\_ / \_\_\_\_\_

TP-LINK P/N: 6035500079

Description: 天线金属片|1254-AD000REV1.0| TP7-535-027| A1| C7701(t=0.3mm)|

25.4\*14.6\*3.6|29.0\*16.9|[内置 PIFA 天线]

<b>TP-LINK Checked By:</b>
<b>Customer Approved By:</b>

**TP-LINK®**

**TP-LINK TECHNOLOGIES CO., LTD.**

South Buiding, No.5 Keyuan Road,  
Central Zone, Science&Technology Park,  
Nanshan, Shenzhen, P.R.China

TEL: + 86 755 26612350

+ 86 755 26504400

[http:// www.tp-link.com](http://www.tp-link.com)

## Index

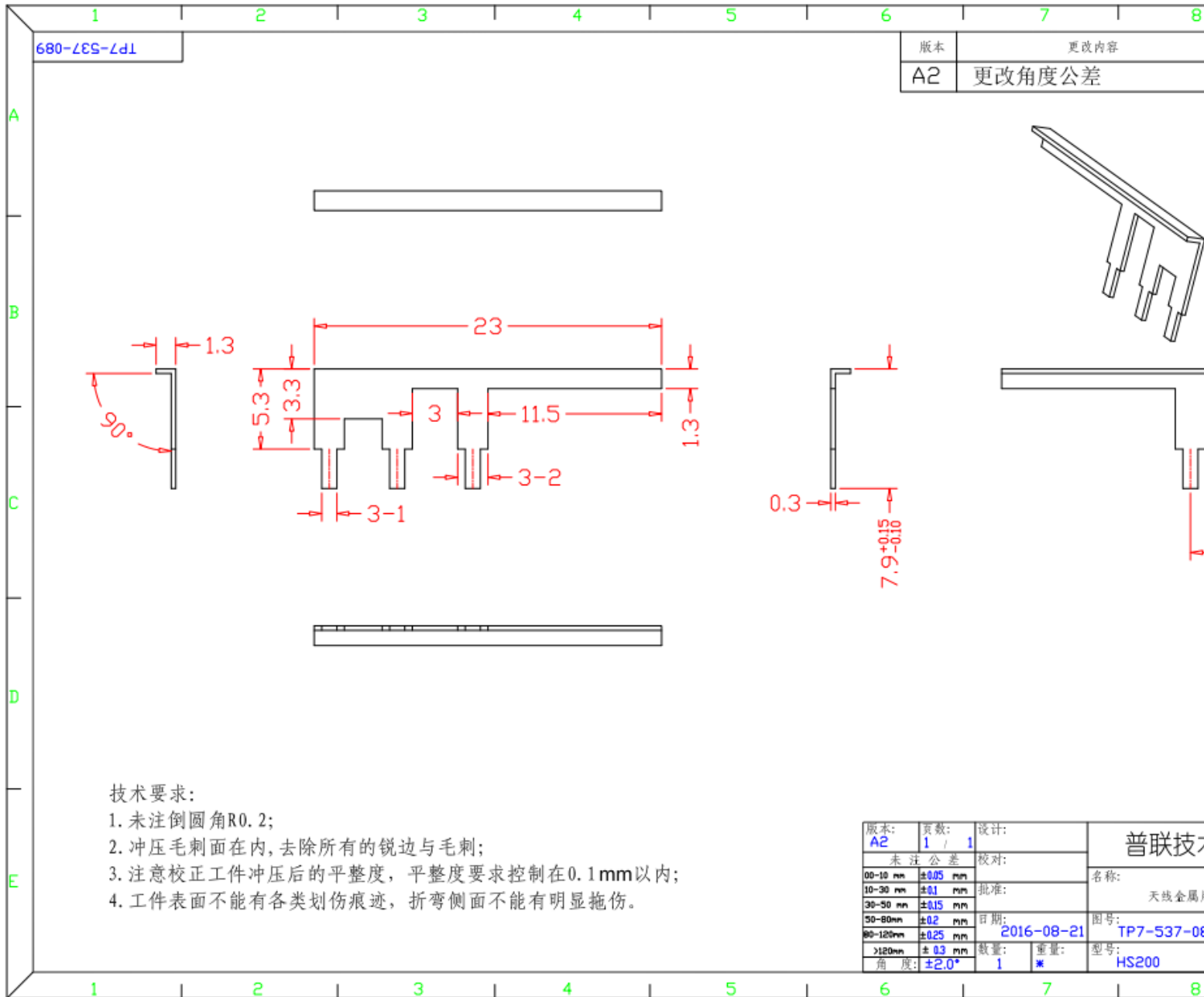
I. Specification .....	2
II. Mechanical Drawing and Material Description .....	3
III. meter Test Data .....	4
IV. Antenna – Radiation Pattern Test Da .....	4

# I. Specification



A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
Impedance	50 Ohm
S.W.R.	$\leq 2.0$
Antenna Gain	3.0dBi
Max Input Power	$\leq 2\text{ W}$
Polarization	Linear
Radiation pattern	Omni-Directional
B. Material & Mechanical Characteristics	
Material of Radiator	Cu

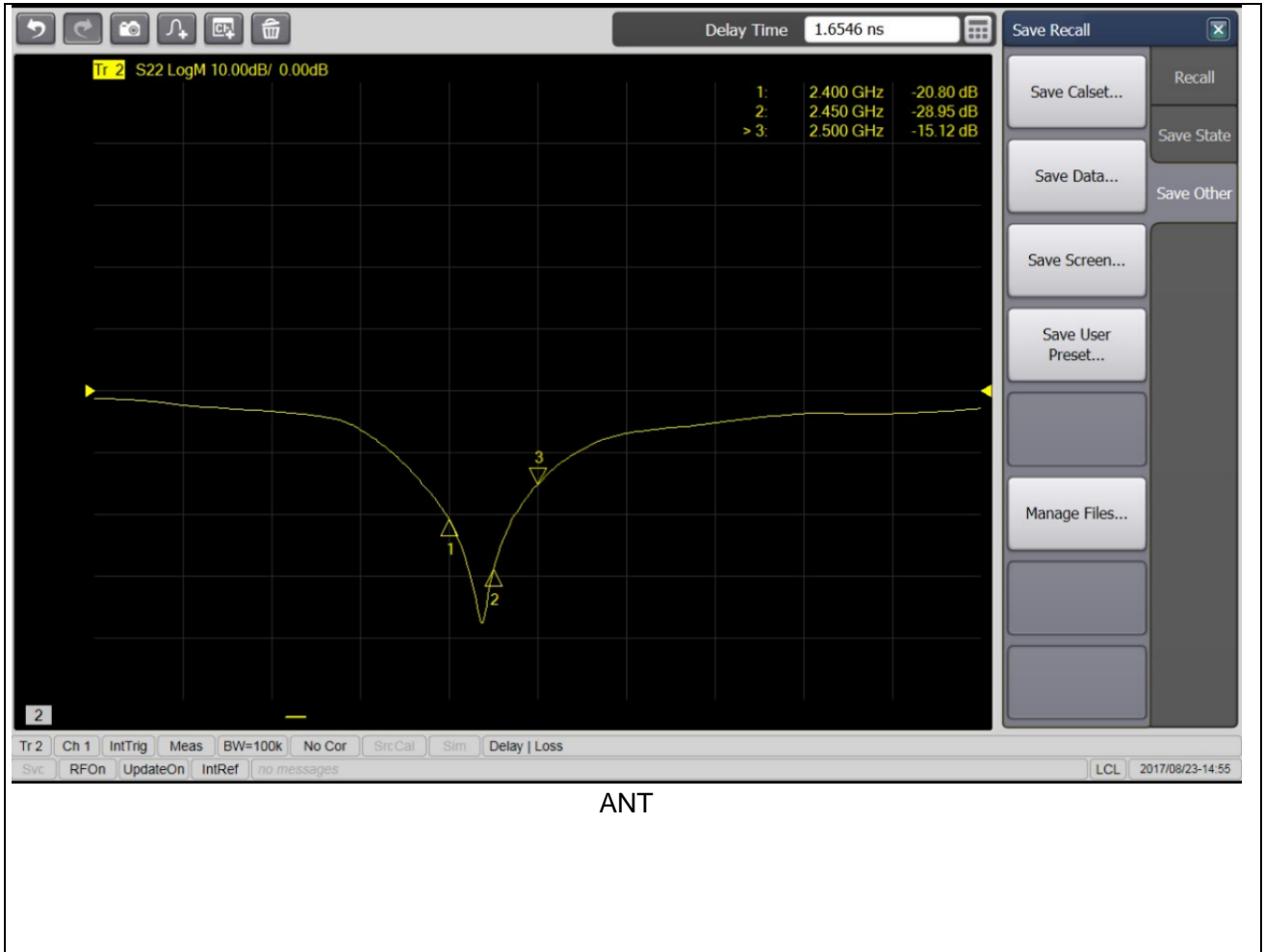
## II. Mechanical Drawing and Material Description



版本	更改内容
A2	更改角度公差

版本:	页数:	设计:	普联技术
A2	1 / 1	校对:	
未注公差		批准:	名称:
00-10 mm	±0.05 mm	日期:	天线金属片
10-30 mm	±0.1 mm		图号:
30-50 mm	±0.15 mm		TP7-537-08
50-80mm	±0.2 mm		HS200
80-120mm	±0.25 mm	数量:	重量:
>120mm	±0.3 mm	1	*
角度:	±2.0°		

### III. meter Test Data



### IV. Antenna – Radiation Pattern Test Data

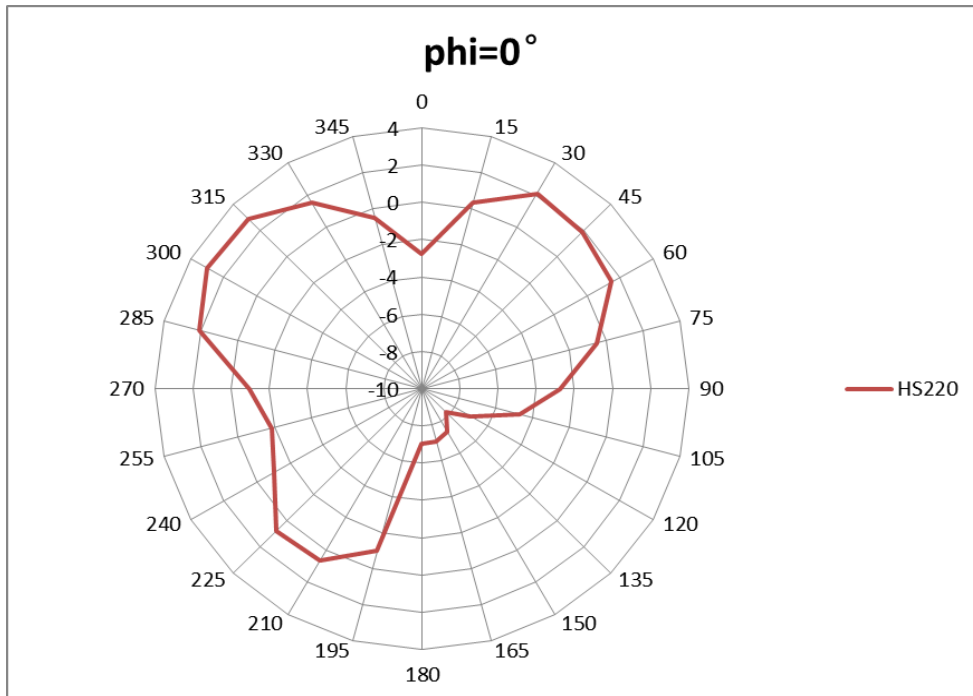
Testing Equipment Specification	
Microwave Chamber	Satimo Starlab
Testing Equipment	Agilent E5071C

2400~2500 MHz

Peak Gain(dB)											
Freq(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
ANT1	2.97	2.98	2.91	2.96	2.95	2.95	2.96	2.94	2.95	2.97	2.94

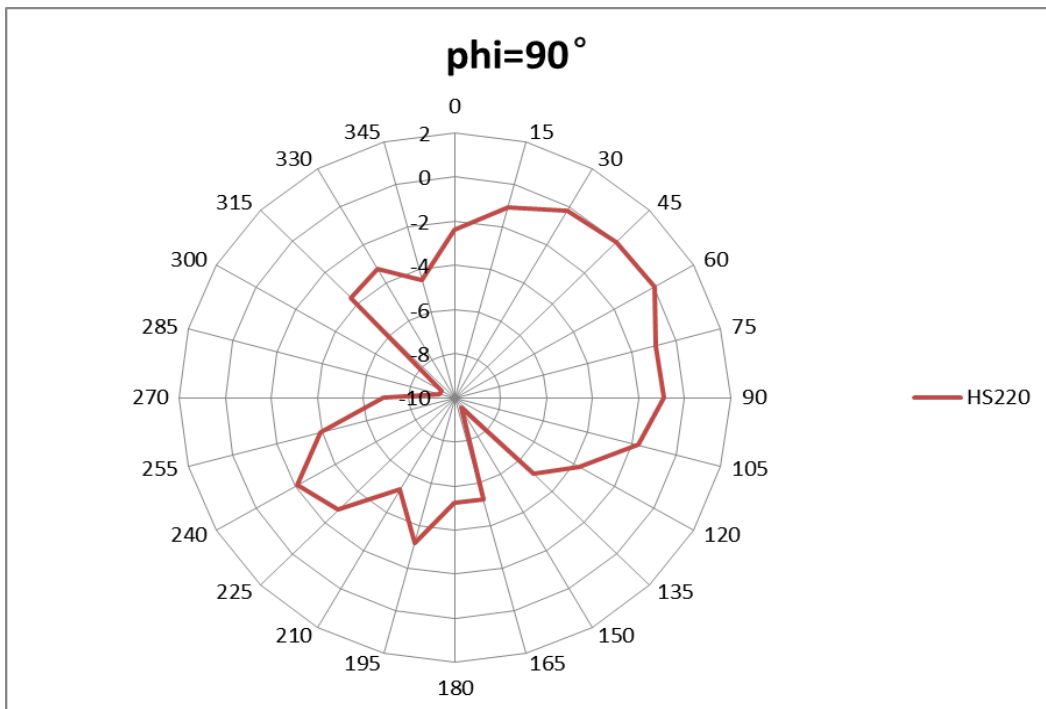
Phi=0°

2450 MHz



Phi=90°

2450MHz





Product Number: 6035500079

Product Name: Antenna

**TP-LINK®**

Theta=90°

2450 MHz

