

天 线 规 格 书

Antenna specification for approval

Customer : 惠科电子 (深圳) 有限公司

Project: PIFA antenna for MID P076R

P/N: F500-LL102-101

Description: 2.4G antenna Gray cable

Date: 2012-03-27

Version:A0

承 认 签 章 Admit that signature			
云 希 承 认 Confirmation Signature		客 户 承 认 Customer Approved	
承办人 Responsible	Mark	承办人 Responsible	
主管 Chief	steph deng	主管 Chief	
核准 Approve	Michael shen	核准 Approve	
日 期 Date		日 期 Date	
批示 Instruction: 接受 accept 有条件接受 conditional acceptance			
备注 Note:			

1 General Information

This approval sheet supports for MID project. FPC antennas include in this project.

This report is for the performance of WLAN antenna.

Antenna shape size : Meet the requirement of MID

Antenna band : 2400MHz~2500MHz

Antenna material : Antenna material meet the requirement of MID

Adhesive performance : Adhesive performance meet the requirement of MID

Antenna performance meet the spec below :

Description	2.4GHz~2.5GHz	4.9GHz~5.9GHz	Units
Peak Antenna Gain	3.0	6.0	dBi
Average Antenna Gain	-6.0	-6.0	dBi
Antenna Efficiency	-6	-6	dB
Antenna Efficiency	35	30	%
Feed Impedance	50 ohms		
Operating Temperature	-40 to +85 deg C		
Polarization / Azimuth	Linear / Omni-directional		

Mechanical Information

Mechanical Dimension	
Cable Length	100mm/Gray
Description	WLAN antenna
Material	PCB
Coaxial Cable	50Ohm/O.D.1.13mm
Environmental	
Operation Temperature	-40 to +85 deg C
Storage Temperature	-40 to +85 deg C

2. Antenna - Radiation Pattern Test Data

Testing Equipment Specification:

Antenna Anechoic Chamber Dimension: 8 x 4 x 4 m

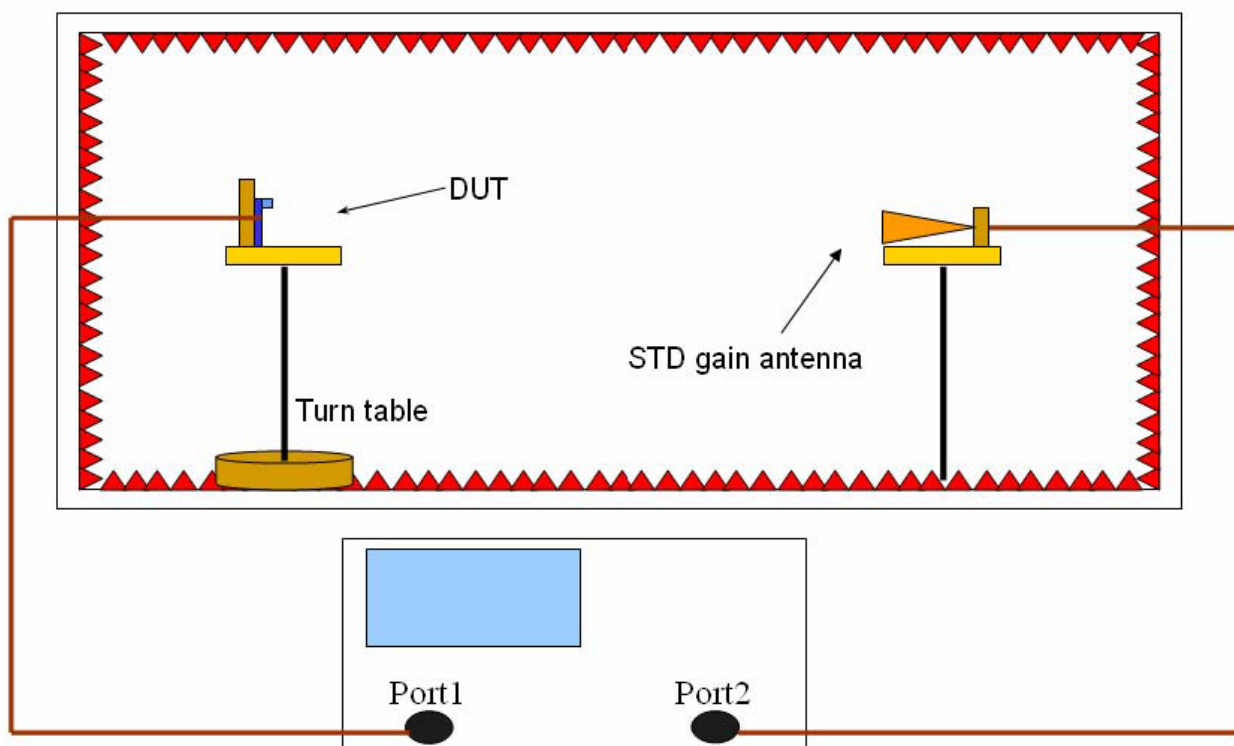
Quiet Zone: 600mm @1 GHz

Isolation: >100dB @ 1 MHz ~ 10 GHz

Testing Equipment: Agilent 5071B

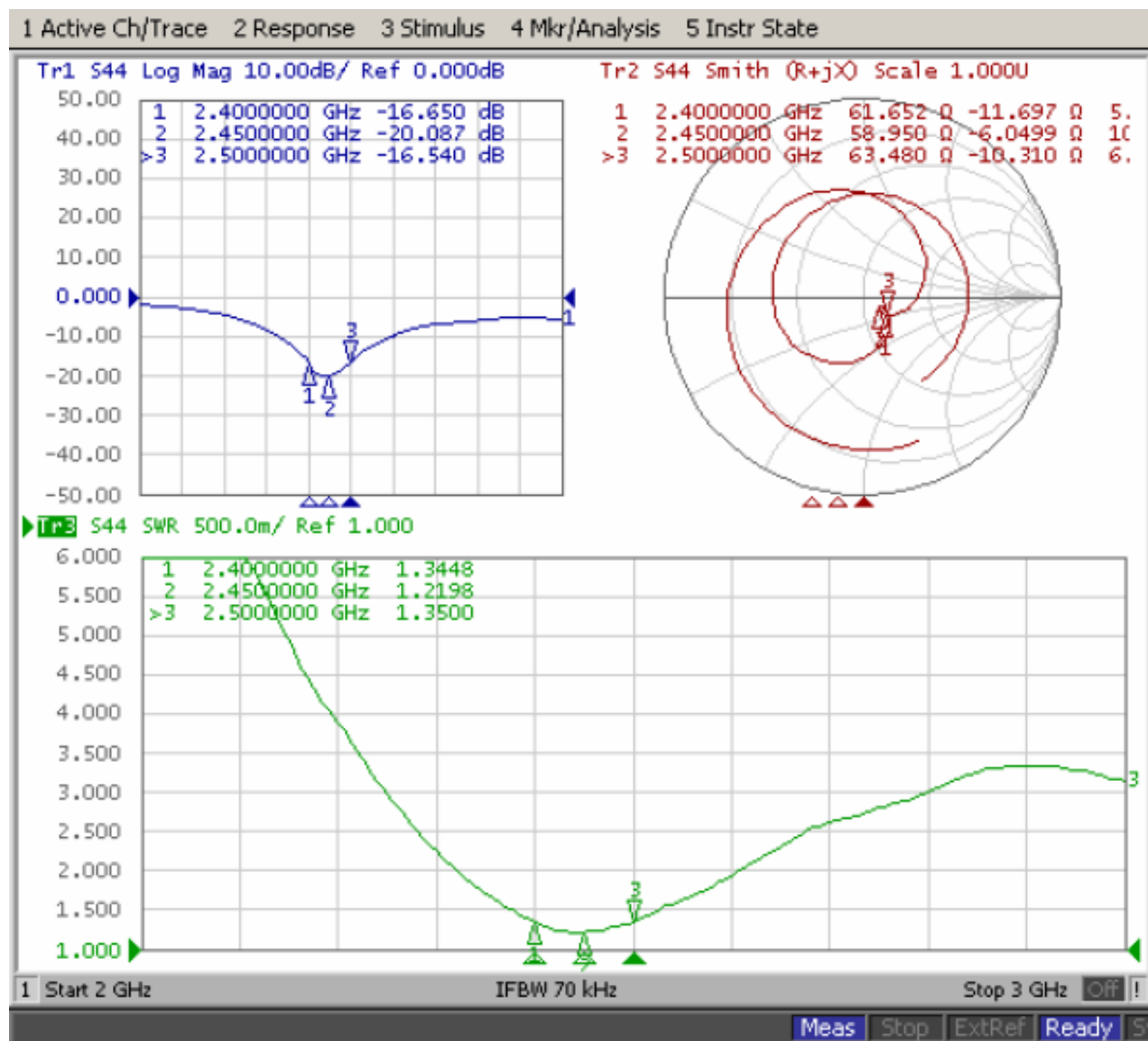
Received Antenna: 0.7 ~ 6.0 GHz for Gain Calibration

Double Ridged Horn Antenna



3 Measurement information

RTLOSS,VSWR,SMITH



4 Mechanical Drawing

