



Antenna SPECIFICATIONS

Vendor: _____ New Vision Display _____

Product Name : 10.1 Sunshine WiFi+GPS+BT Antenna

Part NO: _____ N-P101.00108-01 _____

Manufactor		Date: 2022- 11-28	
RF Engineer:	Design:	Check:	Approval:
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Customer		Date: 2022-11-28	
	Check:	Approval:	
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1. Purpose

The product specifications and test methods of mobile communication terminal antenna produced by Shenzhen Deweima Communication Equipment Co., Ltd are standardized to avoid errors caused by different test conditions and methods.

2. Product Category and Model Overview

2.1 Category

This mobile communication terminal WIFI + GPS + BT antenna is: PIFA Antenna

2.2 Product Model Overview S

This report mainly outlines the electrical results of the antenna designed is for
10.1 Sunnyside project

The antenna design frequency band is:WIFI+GPS+BT

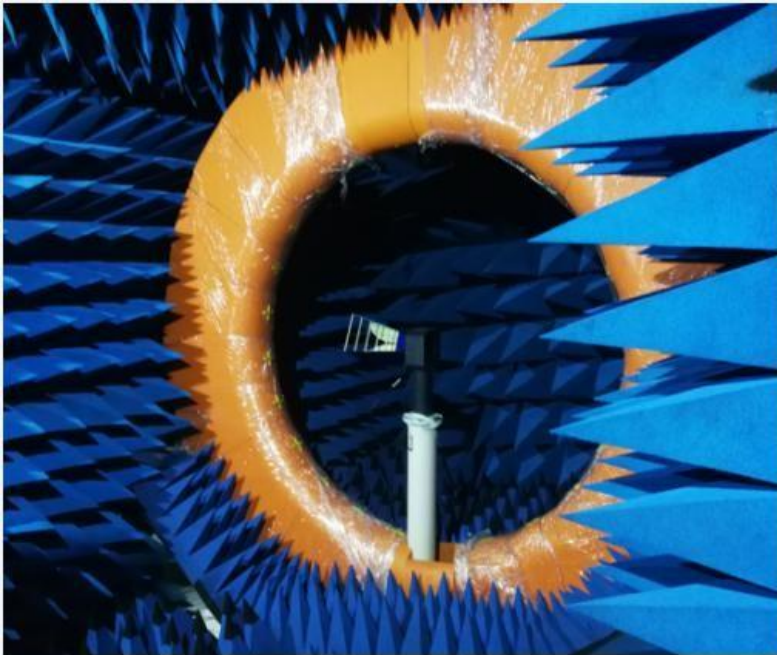
3. Technical indicators and instruments

3.1 Technical indicators

Product Electrical Performance Indicators	
Operating frequency Range	2400-2500MHz, 5150-5850MHz, 1575.42MHz
Antenna gain	0dBi \pm 1.0dBi
efficiency	>25%
impedance	50 ohm
Product Material Dxplication	
FPC+ coaxial line	Electrolytic copper +PI+ coaxial line +IPEX
Product Environmental Dxplication	
Operating temperature	- 30°C ~ + 85 °C
Storage temperature	- 30°C ~ + 85 °C



1. 仪器设备 Instruments and equipment



24-probe microwave chamber



R&S CMW500



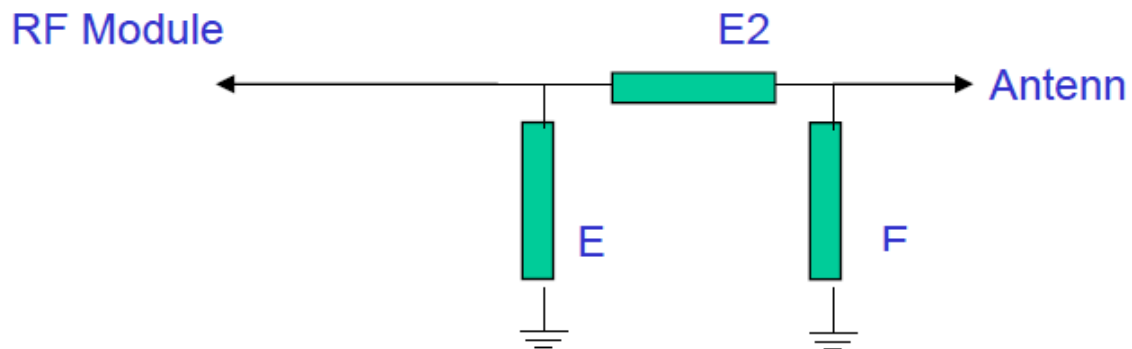
Agilent E4405B 频谱仪



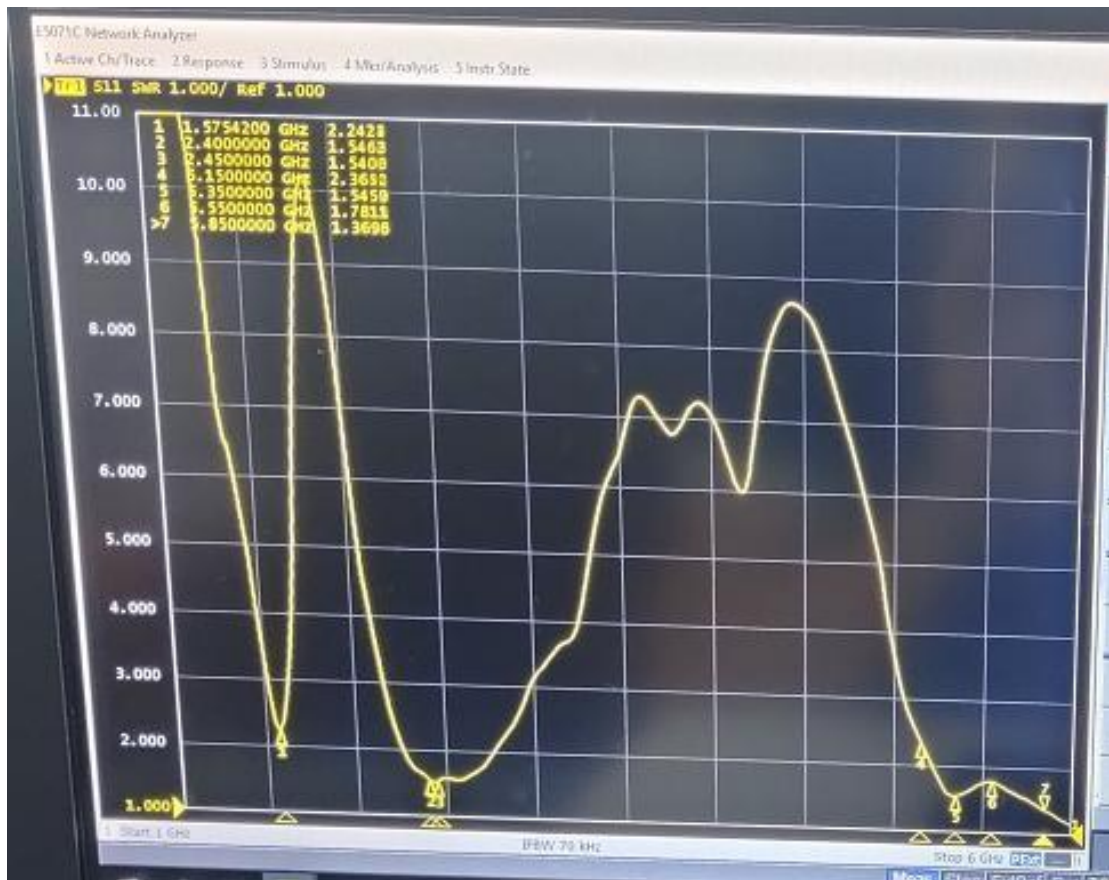
Agilent Technologies E5071B

2. Matching circuit explanation:

We did not modify the original matching circuit of the antenna



Element	Value	Vender
E1(0201)		
E2(0201)		
E3(0201)		





5. 3D CHART

