



深圳市中科无线技术有限公司

Shenzhen zhongke wireless technology Co.Ltd

0755-33118958

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Product Specification

Customer Name: Heilongjiang Huida Technology Co., Ltd

Project Name: HD402-NA

Product Spec: WIFI antenna

REV: V1.0

Date: 2024-04-11

drawing	check	approved
温勇鹏		



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Index

- 1、Project Chart
 - 2、Testing Data
 - 3、Environmentaltreatment
 - 4、Product Drawing
-



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1. Project Chart

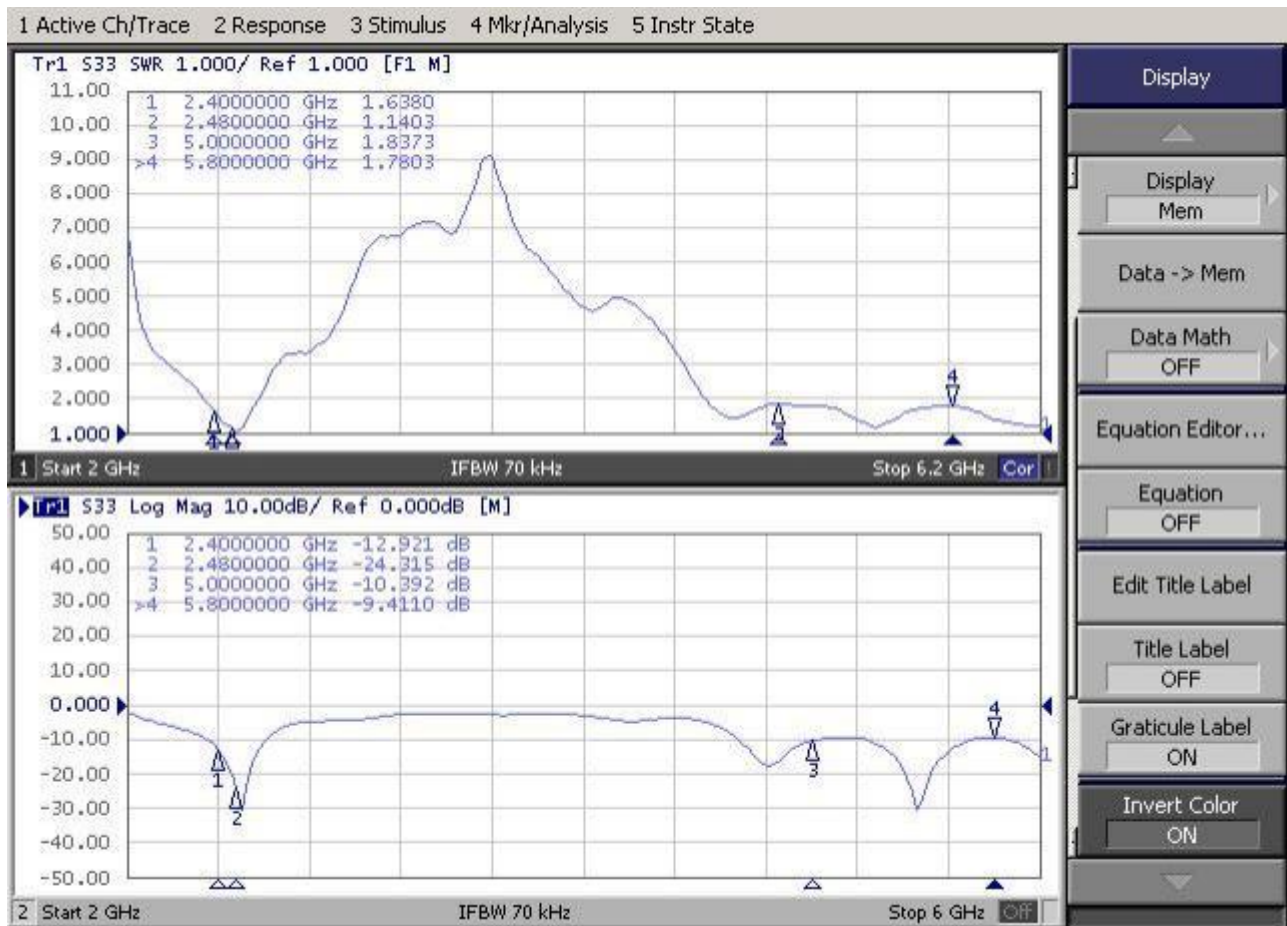




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2 .WIFI Passive test data





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Antenna gain efficiency

Frequency/Mhz	Effciency /%	MaxGain/dBi
2400	61.94	2.76
2410	56.49	2.18
2420	59.7	2.6
2430	56.75	2.13
2440	59.43	2.65
2450	59.02	2.64
2460	59.98	2.78
2470	61.66	2.92
2480	60.53	2.67
2490	62.95	3.23
2500	59.57	2.64
5150	32.21	3.46
5200	34.75	3.63
5250	33.81	3.61
5300	33.5	3.41
5350	34.2	3.04
5400	31.84	2.74
5450	30.34	2.48
5500	30.2	2.27
5550	32.73	2.65
5600	32.43	2.64
5650	29.65	2.02
5700	27.35	2.08
5750	26.92	2.28
5800	27.29	2.48

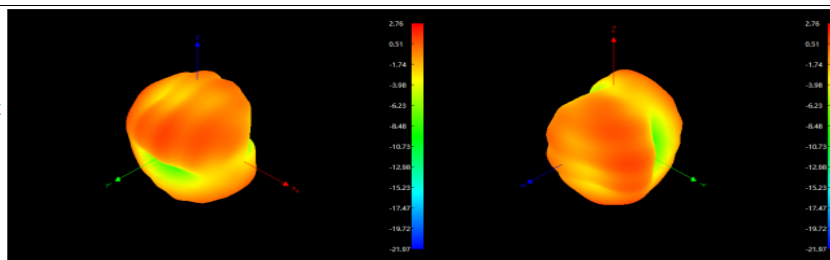


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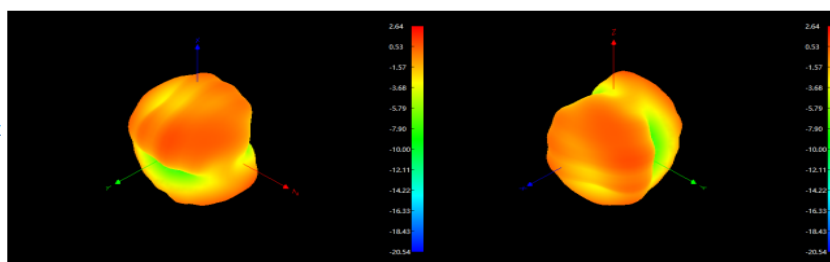
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3D

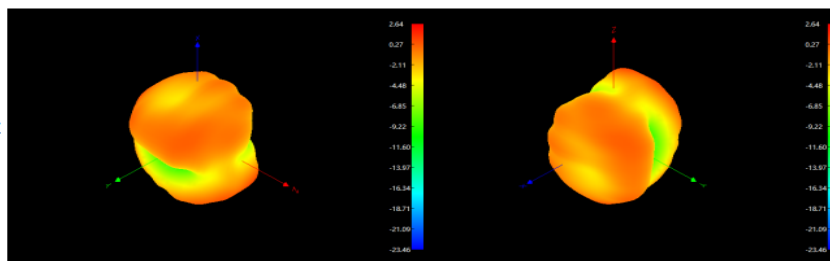
2400MHZ



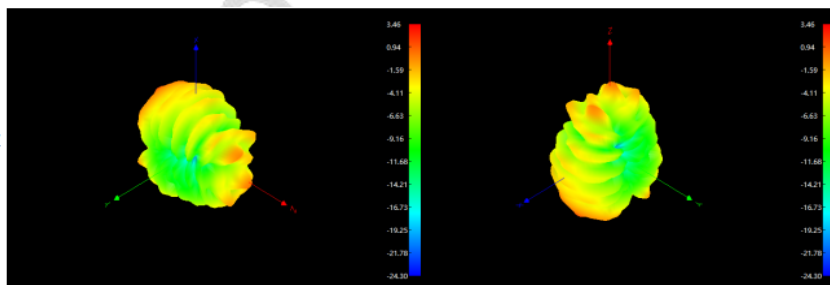
2450MHZ



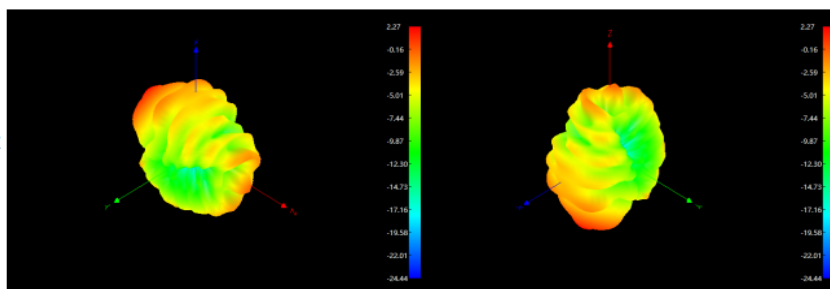
2500MHZ



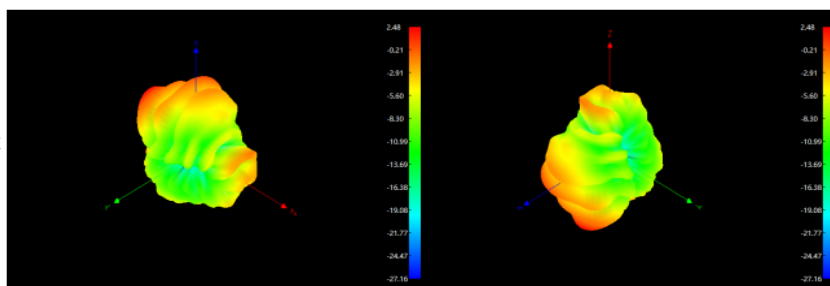
5150MHZ



5500MHZ



5800MHZ



3. Testing Equipment and Principle

1. Testing equipment:

Network Analyzers :

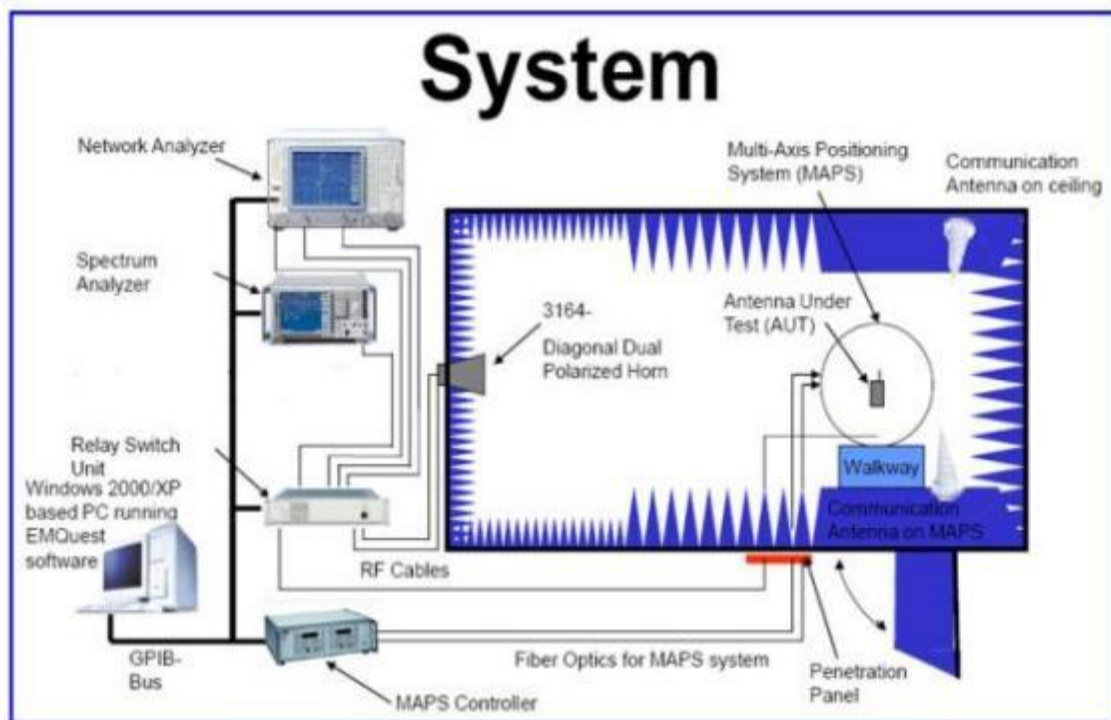
Agilent 8753D 5071B

Communications Test Set:

Agilent E5515C CMW500

3D Chamber Test System:

2. Testing principle:





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4. Product Drawing

1. Antenna structure diagram

