



Shenzhen zhongke wireless technology Co.Ltd

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Product Specification

Customer Name:	Huida
Project Name:	HD402
Product Spec:	2.4-5.8G Blade Antenna
REV:	V1.0
Date:	2024-09-18



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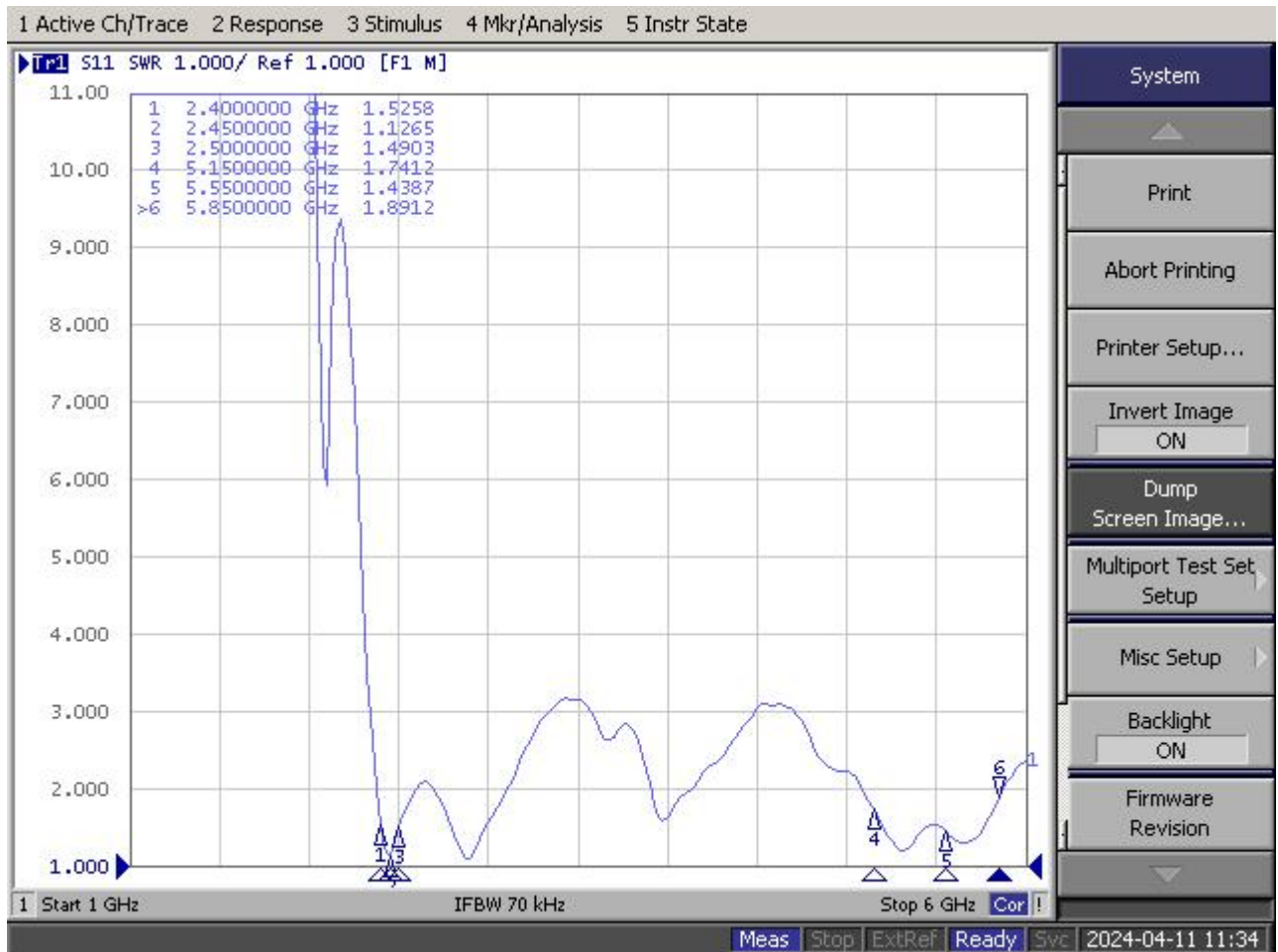
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1. Project Chart



2.4-5.8G Blade Antenna Passive test data:

Standing wave diagram





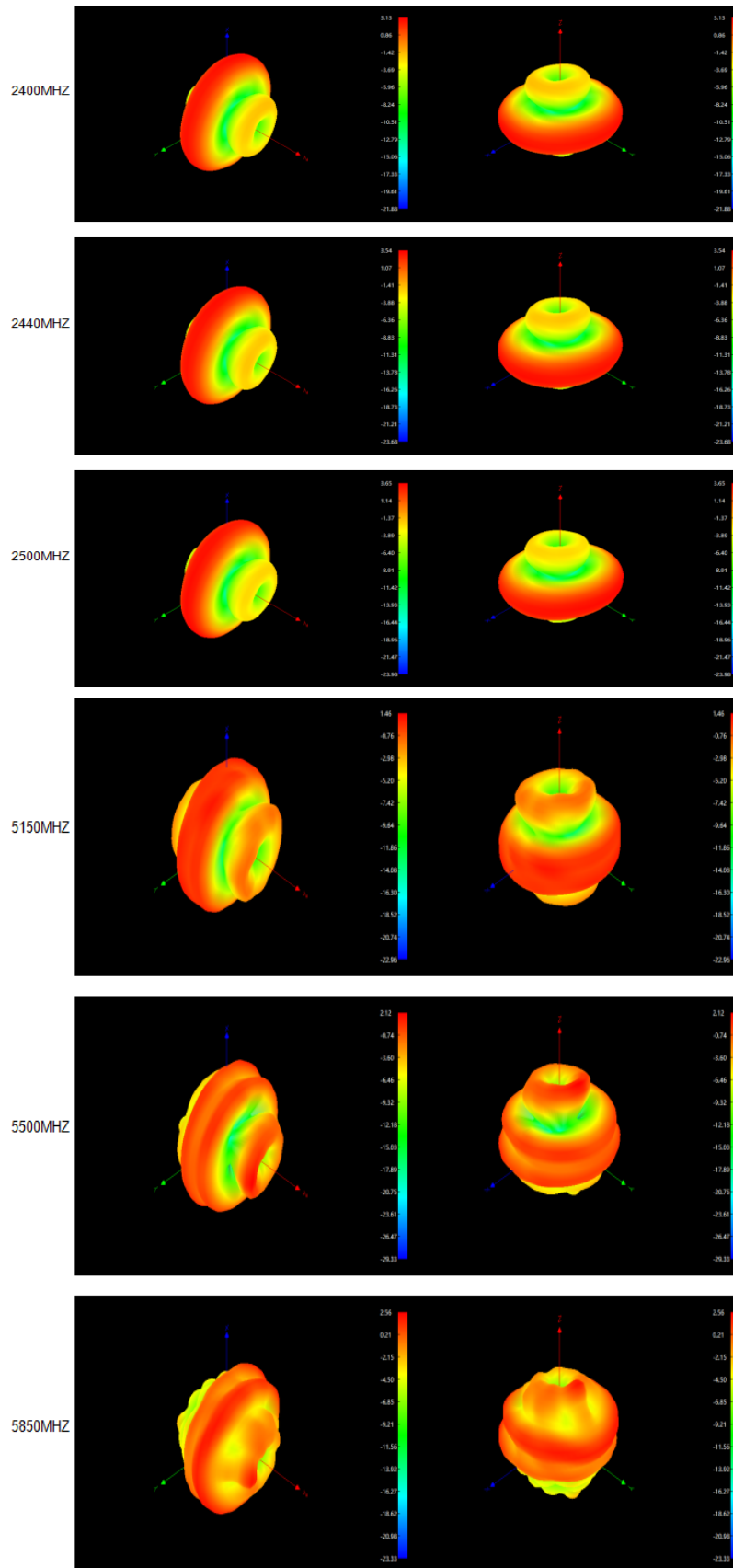
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Antenna gain efficiency

Frequency/Mhz	Efficiency / %	MaxGain/dBi
2400	54.45	3.13
2410	57.94	3.27
2420	58.34	3.31
2430	57.41	3.18
2440	65.01	3.54
2450	68.23	3.94
2460	62.23	3.49
2470	61.52	3.79
2480	63.83	3.65
2490	70.47	4.37
2500	63.24	3.71
5000	47.75	0.32
5050	53.33	0.68
5100	59.16	1.33
5150	59.16	1.46
5200	58.88	1.46
5250	59.98	1.82
5300	64.71	2.38
5350	64.71	2.5
5400	57.02	1.98
5450	50.35	1.76
5500	56.23	2.12
5550	59.29	2.33
5600	60.12	2.78
5650	66.53	3.13
5700	64.71	3.02
5750	62.81	2.7
5800	61.66	2.56
5850	59.29	2.39
5900	59.98	2.16
5950	58.34	1.99
6000	62.52	2.32

3D



3. Testing Equipment and Principle

1. Testing equipment:

Network Analyzers :

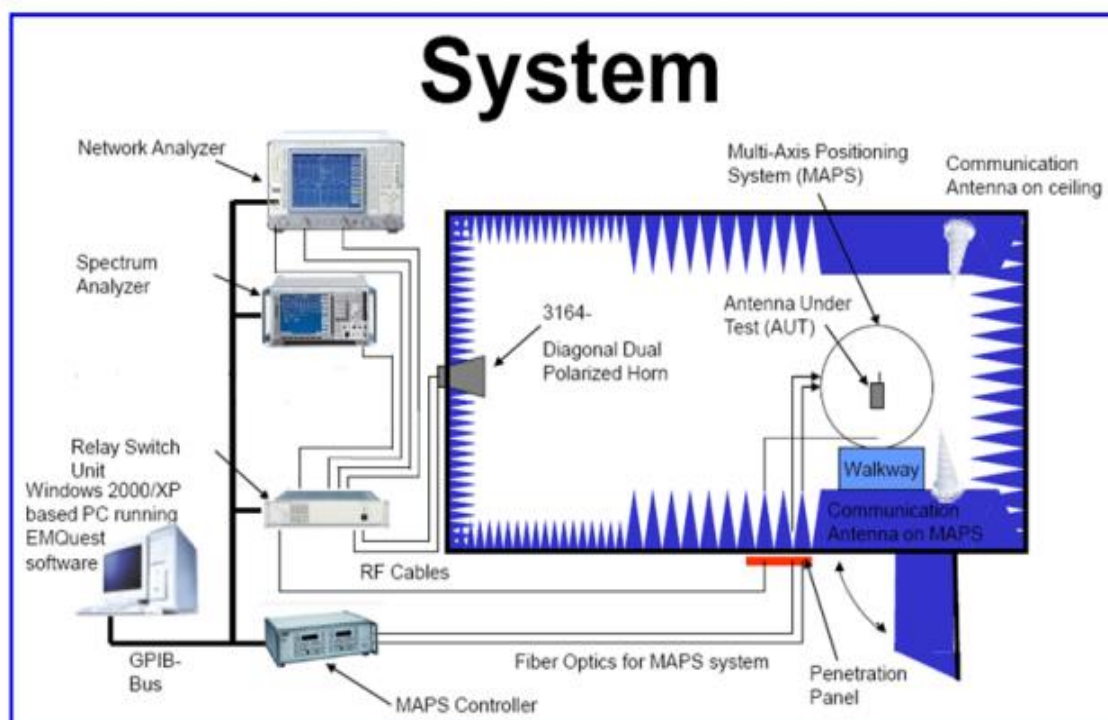
Agilent 8753D 5071B

Communications Test Set:

Agilent E5515C CMW500

3D Chamber Test System:

2. Testing principle:





4. Product Drawing

