



深圳市禾电迅科技有限公司

Shenzhen HE DIAN XUN Technology Co.,Ltd

WIFI 天线无源测试报告

客户名：从平科技

项目名：SPRING2

时 间：2022.7.18

联系人：杨永康 电话：18938646161 邮箱：15986788165@163.COM

地 址：深圳市龙华区龙华街道和平路62号优鼎企创园D栋212



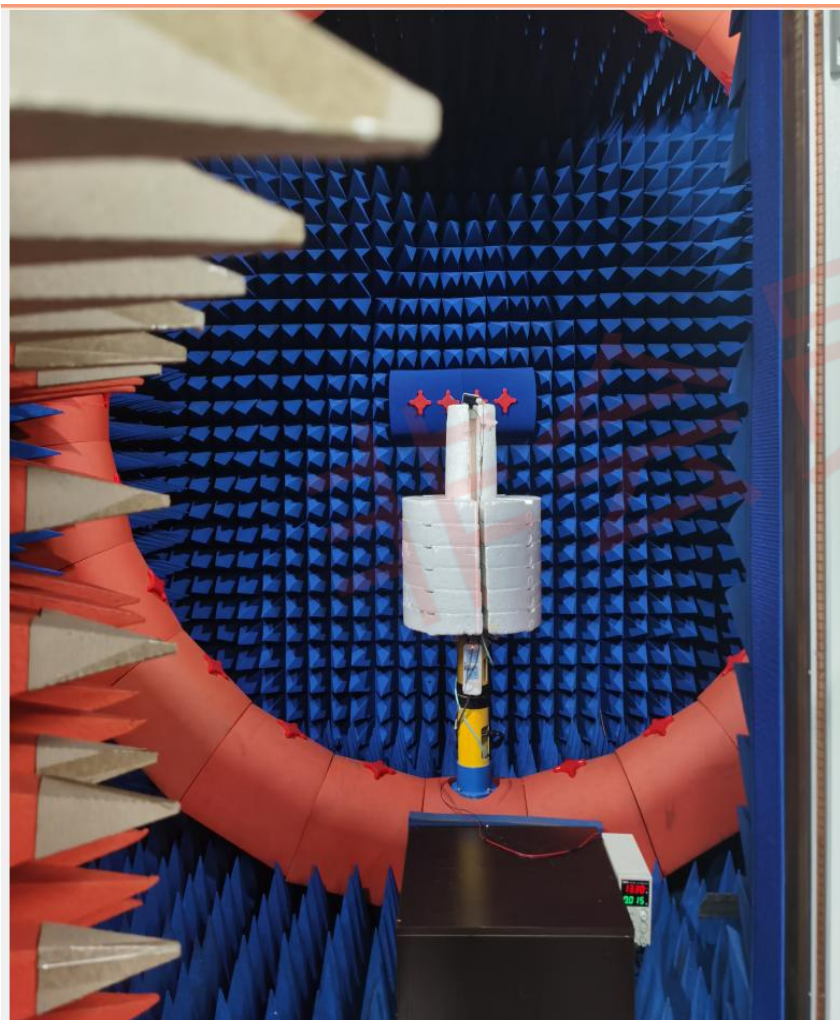
禾电迅天线测试数据报告

客户名称		深圳市从平科技有限公司	项目名	SPRING2
NO	项目		详述	
1	频段		2400-2500MHZ	
2	项目类型			
3	天线空间面积			
4	馈点类型			
5	灵敏度			
6	天线类型		FPC	
7	PCB板长度			
8	备注			
RF			15986788165	15986788165@163.com

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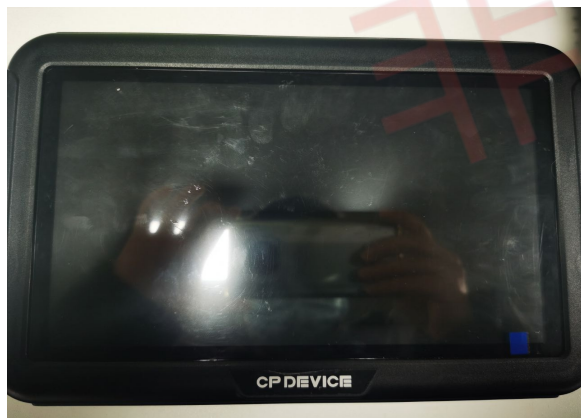
测试设备

24探头微波暗室以及CMW500综测仪

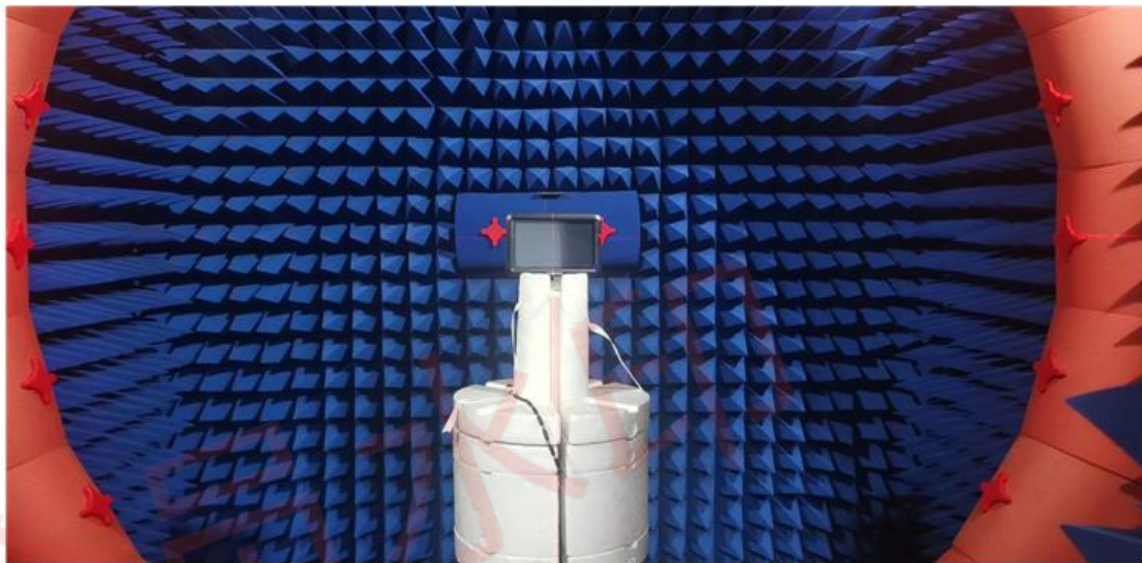


被测试设备

正面



背面

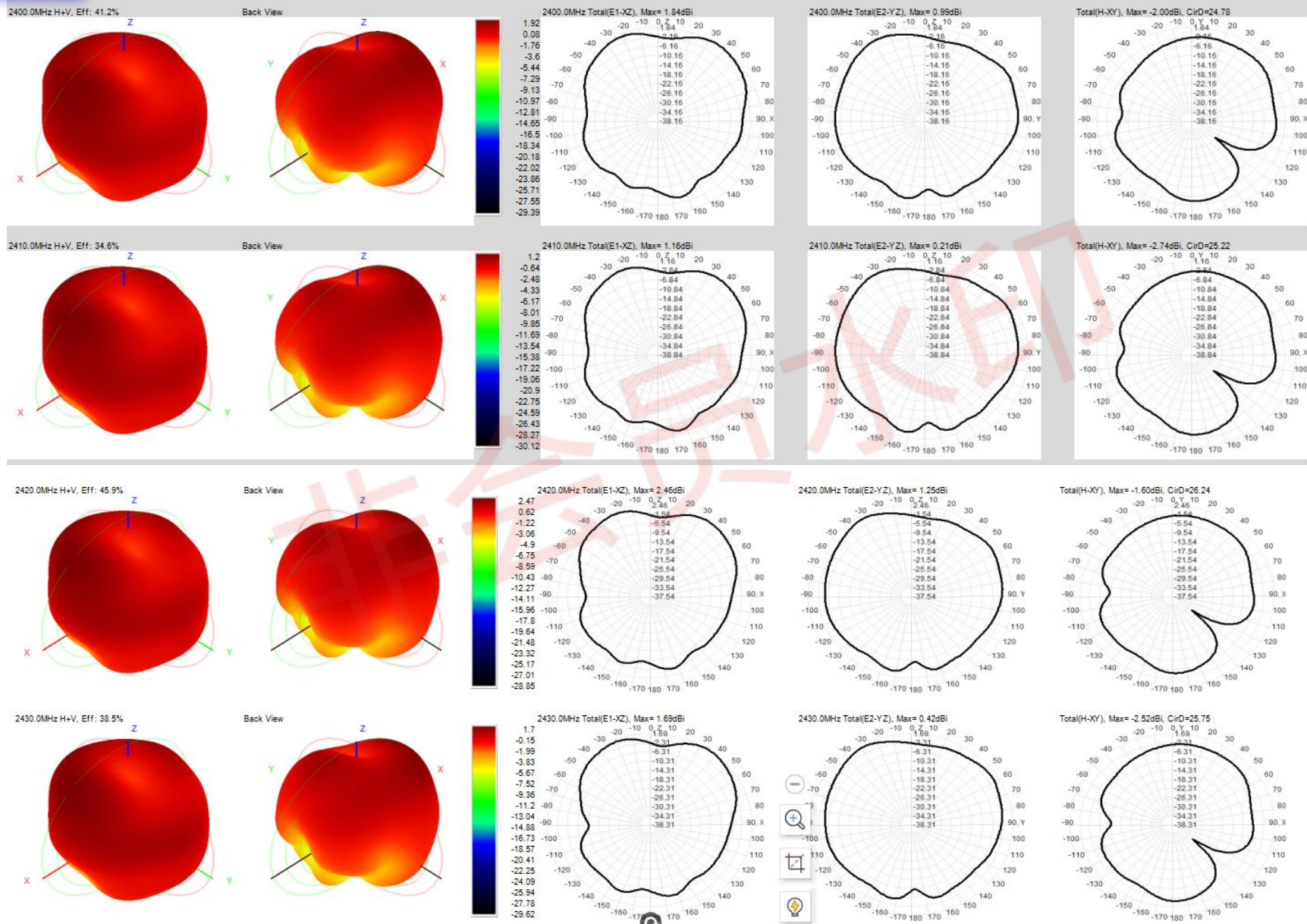




天线无源测试数据

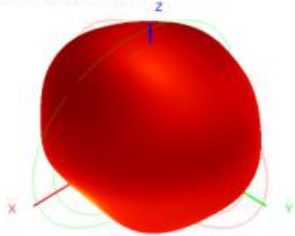
Frequency ID	Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
1	2400.0	-3.85	1.92	41.24
2	2410.0	-4.61	1.20	34.59
3	2420.0	-3.38	2.47	45.91
4	2430.0	-4.15	1.70	38.48
5	2440.0	-3.09	2.88	49.10
6	2450.0	-3.63	2.41	43.38
7	2460.0	-2.68	3.47	54.00
8	2470.0	-3.00	3.27	50.11
9	2480.0	-2.58	3.84	55.17
10	2490.0	-2.60	3.83	54.98
11	2500.0	-2.52	3.91	55.93

天线方向图

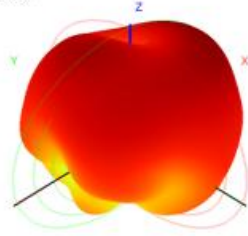


天线方向图

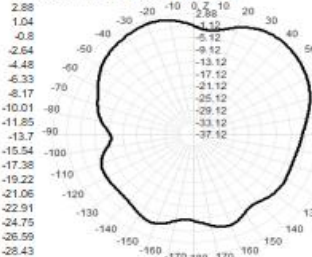
2440.0MHz H+V, Eff: 49.1%



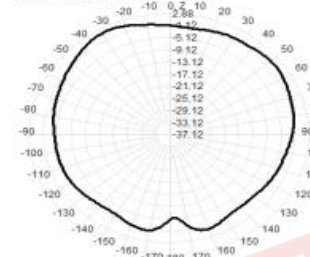
Back View



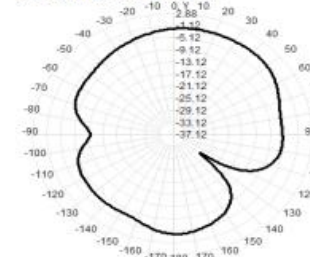
2440.0MHz Total (E1-XZ), Max= 2.88dBi



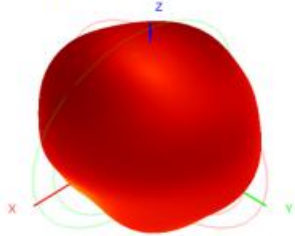
2440.0MHz Total (E2-YZ), Max= 1.39dBi



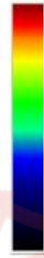
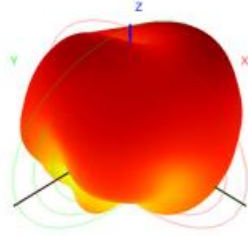
Total (H+XY), Max= -1.65dBi, Cr/O=25.74



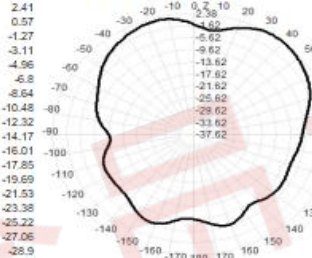
2450.0MHz H+V, Eff: 49.1%



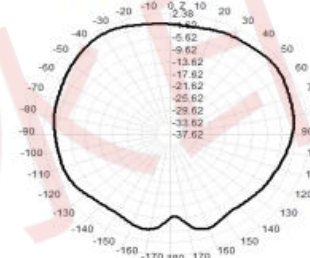
Back View



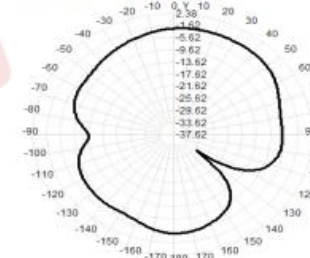
2450.0MHz Total (E1-XZ), Max= 2.38dBi



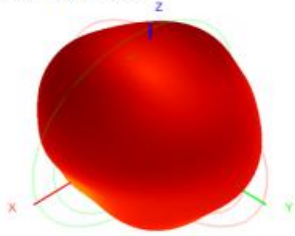
2450.0MHz Total (E2-YZ), Max= 0.56dBi



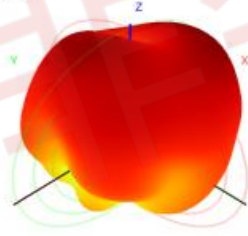
Total (H+XY), Max= -2.21dBi, Cr/O=26.97



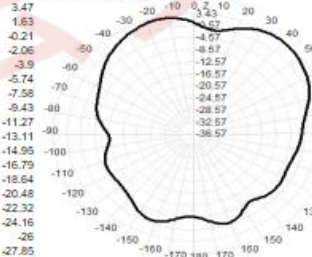
2460.0MHz H+V, Eff: 54.0%



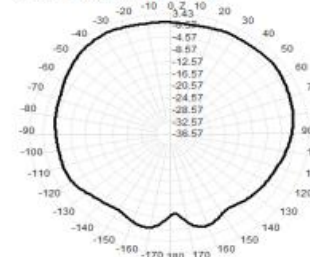
Back View



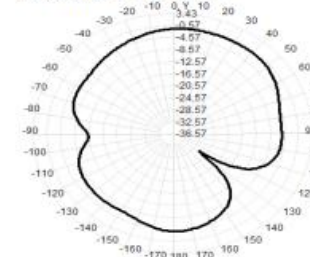
2460.0MHz Total (E1-XZ), Max= 3.43dBi



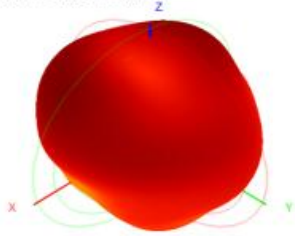
2460.0MHz Total (E2-YZ), Max= 1.34dBi



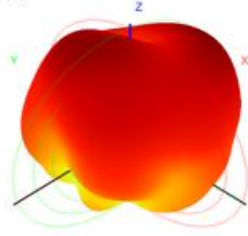
Total (H+XY), Max= -1.38dBi, Cr/O=25.77



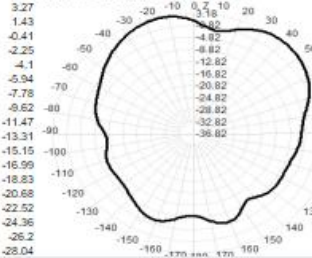
2470.0MHz H+V, Eff: 50.1%



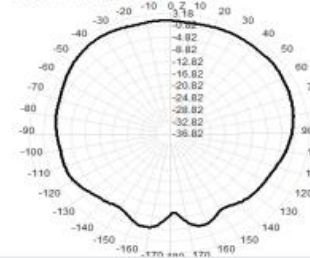
Back View



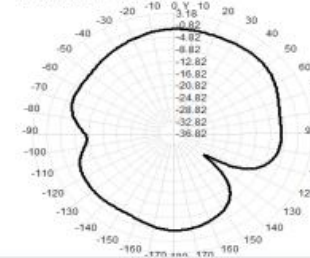
2470.0MHz Total (E1-XZ), Max= 3.18dBi



2470.0MHz Total (E2-YZ), Max= 0.96dBi



Total (H+XY), Max= -1.99dBi, Cr/O=23.58



天线方向图

